

2017-18		No. of Students	Amount	Number of Students	Amount
				(M.Sc.) 156	14152320
	SRF-ICAR	20	7440000	(Ph.D.) 66	24552000
	DBT	4	1488000		
	DST	5	1860000		
	CSIR	9	3348000		
	National Fellowship (ST)	18	6696000		
	National Fellowship (SC)	30	11160000		
	National Fellowship (OBC)	13	4836000		
	Moulana Azad National Fellows	8	2976000		
	UGC NET-JRF	10	3720000		

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-II/82-02/M.Sc & Ph.D/2022-2023/

Dated 21.11.2022

OFFICE ORDER

This is to certify that the students who had been admitted during the academic session 2017-2018, 2018-2019, 2019-2020, 2020-2021 and 2021-2022 at ICAR-IARI, New Delhi were awarded different fellowship as per list enclosed.


Sr. Registrar
कुल सचिव (शिक्षणिक)
Registrar (Academic)
स्नातकोत्तर विद्यालय,
Post Graduate School,
भा.कृ.अनु.सं., नई दिल्ली-12
IARI, New Delhi-12

Encl : As above

M.SC & PH.D. LIST FOR ADMITTED YEAR-2017

SR no.	YR_ADMN	COURSE	DATE_ENROL	ROLL NO	DISCIPLINE	NAME OF THE STUDENT
1.	2017	M.Sc. (Agri.)	18-07-2017	60024	GENETICS AND PLANT BREEDING	NANDAKUMAR S
2.	2017	M.Sc. (Agri.)	18-07-2017	21025	SEED SCIENCE AND TECHNOLOGY	Ms. SHRUTI KUMARI
3.	2017	M.Sc. (Agri.)	18-07-2017	50031	WATER SCIENCE AND TECHNOLOGY	CHANDAN T
4.	2017	M.Sc. (Agri.)	17-07-2017	50032	WATER SCIENCE AND TECHNOLOGY	YOGESH LAL
5.	2017	M.Sc. (Agri.)	17-07-2017	50033	WATER SCIENCE AND TECHNOLOGY	Ms. AROCKIA ANUSTY J
6.	2017	M.Sc. (Agri.)	18-07-2017	60020	AGRONOMY	CHUNENDRA PRAKASH
7.	2017	M.Sc. (Agri.)	17-07-2017	60021	AGRONOMY	Ms. BHAGYASHREE PHOGAT
8.	2017	M.Sc. (Agri.)	17-07-2017	50027	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	KHURSHID ALAM
9.	2017	M.Sc. (Agri.)	17-07-2017	60023	GENETICS AND PLANT BREEDING	RAKESH S
10.	2017	M.Sc. (Agri.)	17-07-2017	50026	GENETICS AND PLANT BREEDING	Ms. SONU
11.	2017	M.Sc. (Agri.)	18-07-2017	60025	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	VISHWANATH
12.	2017	M.Sc. (Agri.)	18-07-2017	60026	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RANABIR CHAKRABORTY
13.	2017	M.Sc. (Agri.)	18-07-2017	60029	WATER SCIENCE AND TECHNOLOGY	SHARANAYYA
14.	2017	M.Sc. (Agri.)	17-07-2017	60030	WATER SCIENCE AND TECHNOLOGY	VED PRAKASH MEENA
15.	2017	M.Sc. (Agri.)	26-07-2017	50034	AGRONOMY	AKSHAY KUMAR YOGI
16.	2017	M.Sc. (Agri.)	21-08-2017	21057	MICROBIOLOGY	BASANAGOUDA GONAL
17.	2017	M.Sc. (Agri.)	18-07-2017	60022	GENETICS AND PLANT BREEDING	MANORANJAN SENAPATI
18.	2017	M.Sc. (Agri.)	15-07-2017	21034	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ARKAPRAVA ROY
19.	2017	M.Sc. (Agri.)	17-07-2017	21026	SEED SCIENCE AND TECHNOLOGY	RAMAPPA S
20.	2017	M.Sc. (Agri.)	17-07-2017	21027	SEED SCIENCE AND TECHNOLOGY	SAI KIRAN VADLA
21.	2017	M.Sc. (Agri.)	17-07-2017	21028	SEED SCIENCE AND TECHNOLOGY	SACHIN KUMAR
22.	2017	M.Sc. (Agri.)	18-07-2017	21029	SEED SCIENCE AND TECHNOLOGY	AKASH A
23.	2017	M.Sc. (Agri.)	27-07-2017	21030	GENETICS AND PLANT BREEDING	SHIVANAGOUDA PATIL N
24.	2017	M.Sc. (Agri.)	17-07-2017	21031	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. K R RAKSHITHA
25.	2017	M.Sc. (Agri.)	18-07-2017	50028	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ABHISHEK DAS
26.	2017	M.Sc. (Agri.)	18-07-2017	21033	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ANIT DAS
27.	2017	M.Sc. (Agri.)	18-07-2017	20967	ENTOMOLOGY	ASHOK KUMAR SAU
28.	2017	M.Sc. (Agri.)	18-07-2017	21040	WATER SCIENCE AND TECHNOLOGY	Ms. DIANA DHAYAL
29.	2017	M.Sc. (Agri.)	18-07-2017	21041	WATER SCIENCE AND TECHNOLOGY	KISHOR N
30.	2017	M.Sc. (Agri.)	17-07-2017	21042	WATER SCIENCE AND TECHNOLOGY	RAJNEESH KUMAR
31.	2017	M.Sc. (Agri.)	17-07-2017	50022	AGRONOMY	Ms. BISWORANJITA BISWAL
32.	2017	M.Sc. (Agri.)	17-07-2017	50024	GENETICS AND PLANT BREEDING	HRIIPULOU DUO
33.	2017	M.Sc. (Agri.)	17-07-2017	50025	GENETICS AND PLANT BREEDING	CHETHAN KUMAR V
34.	2017	M.Sc. (Agri.)	18-07-2017	21032	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	MOHANKUMAR K T
35.	2017	M.Sc.	18-07-2017	20916	AGRICULTURAL ECONOMICS	NEELAKANTAPPA P

		(Agri.)				
36.	2017	M.Sc. (Agri.)	17-07-2017	20933	AGRICULTURAL EXTENSION	BHAGIRATH DAS
37.	2017	M.Sc. (Agri.)	17-07-2017	20932	AGRICULTURAL EXTENSION	CHANDAN GOWDA H
38.	2017	M.Sc. (Agri.)	18-07-2017	20931	AGRICULTURAL EXTENSION	PRADEEP TIPPANNAVAR
39.	2017	M.Sc. (Agri.)	18-07-2017	20930	AGRICULTURAL EXTENSION	PRASHANT
40.	2017	M.Sc. (Agri.)	17-07-2017	20929	AGRICULTURAL EXTENSION	Ms. JUHEE AGRAWAL
41.	2017	M.Sc. (Agri.)	17-07-2017	20928	AGRICULTURAL EXTENSION	Ms. CHAITRA GANESHA TERNAMAKKI
42.	2017	M.Sc. (Agri.)	25-07-2017	21043	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SOMYA GUPTA
43.	2017	M.Sc. (Agri.)	18-07-2017	20917	AGRICULTURAL ECONOMICS	VISHALKUMAR SURESH HOSAMANI
44.	2017	M.Sc. (Agri.)	18-07-2017	20936	AGRICULTURAL PHYSICS	KOUSHIK BAG
45.	2017	M.Sc. (Agri.)	17-07-2017	20915	AGRICULTURAL ECONOMICS	Ms. NANDINI SAHA
46.	2017	M.Sc. (Agri.)	17-07-2017	20914	AGRICULTURAL CHEMICALS	RAKESH KUMAR
47.	2017	M.Sc. (Agri.)	18-07-2017	20913	AGRICULTURAL CHEMICALS	SUBHASIS SARKAR
48.	2017	M.Sc. (Agri.)	18-07-2017	20912	AGRICULTURAL CHEMICALS	Ms. MADHU TIPPANNAVAR
49.	2017	M.Sc. (Agri.)	17-07-2017	20911	AGRICULTURAL CHEMICALS	NAGARJUN T. R.
50.	2017	M.Sc. (Agri.)	18-07-2017	20953	BIOCHEMISTRY	SHAHNOOR ALAM
51.	2017	M.Sc. (Agri.)	18-07-2017	20918	AGRICULTURAL ECONOMICS	Ms. GEETHA M L
52.	2017	M.Sc. (Agri.)	17-07-2017	20943	AGRICULTURAL STATISTICS	RAHUL KUMAR GUPTA
53.	2017	M.Sc. (Agri.)	18-07-2017	20948	AGRONOMY	SHYAM C S
54.	2017	M.Sc. (Agri.)	18-07-2017	20952	BIOCHEMISTRY	DURGASI VENKATA BHARGAV
55.	2017	M.Sc. (Agri.)	18-07-2017	20951	BIOCHEMISTRY	ABHISHEK CHITRANASHI
56.	2017	M.Sc. (Agri.)	17-07-2017	20950	BIOCHEMISTRY	Ms. SMRUTIREKHA SAHU
57.	2017	M.Sc. (Agri.)	17-07-2017	20949	AGRONOMY	HARI SANKAR NAYAK
58.	2017	M.Sc. (Agri.)	17-07-2017	20947	AGRONOMY	KIRTIRANJAN BARAL
59.	2017	M.Sc. (Agri.)	18-07-2017	20934	AGRICULTURAL PHYSICS	SONA KUMAR
60.	2017	M.Sc. (Agri.)	17-07-2017	20944	AGRICULTURAL STATISTICS	Ms. ANKITA VERMA
61.	2017	M.Sc. (Agri.)	18-07-2017	20935	AGRICULTURAL PHYSICS	Ms. PRIYA BHATTACHARYA
62.	2017	M.Sc. (Agri.)	18-07-2017	20942	AGRICULTURAL STATISTICS	KRISHNA PADA SARKAR
63.	2017	M.Sc. (Agri.)	15-07-2017	20941	AGRICULTURAL STATISTICS	DEBOPAM RAKSHIT
64.	2017	M.Sc. (Agri.)	17-07-2017	20940	AGRICULTURAL STATISTICS	VINAYKUMAR L N
65.	2017	M.Sc. (Agri.)	18-07-2017	20939	AGRICULTURAL STATISTICS	Ms. TANIMA DAS
66.	2017	M.Sc. (Agri.)	18-07-2017	20938	AGRICULTURAL STATISTICS	VINAYAKA
67.	2017	M.Sc. (Agri.)	18-07-2017	20937	AGRICULTURAL PHYSICS	ARAVIND K S
68.	2017	M.Sc. (Agri.)	27-07-2017	21048	SEED SCIENCE AND TECHNOLOGY	Ms. ARCHANA H R
69.	2017	M.Sc. (Agri.)	17-07-2017	20945	AGRONOMY	Ms. RUXANABI NARAGUND
70.	2017	M.Sc. (Agri.)	17-07-2017	20988	GENETICS AND PLANT BREEDING	RAHUL
71.	2017	M.Sc. (Agri.)	18-07-2017	20995	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	JOHAN AJNABI

72.	2017	M.Sc. (Agri.)	18-07-2017	20973	ENVIRONMENTAL SCIENCES	Ms. DIVYA POOJA B
73.	2017	M.Sc. (Agri.)	17-07-2017	20974	ENVIRONMENTAL SCIENCES	ROCKY KUMAR
74.	2017	M.Sc. (Agri.)	17-07-2017	20975	ENVIRONMENTAL SCIENCES	Ms. VINITA
75.	2017	M.Sc. (Agri.)	17-07-2017	20983	GENETICS AND PLANT BREEDING	ANUJ KUMAR
76.	2017	M.Sc. (Agri.)	17-07-2017	20984	GENETICS AND PLANT BREEDING	MANOJ GOWDA M
77.	2017	M.Sc. (Agri.)	18-07-2017	20971	ENVIRONMENTAL SCIENCES	DEEPANSHU JANGID
78.	2017	M.Sc. (Agri.)	18-07-2017	20987	GENETICS AND PLANT BREEDING	SAIKAT PAL
79.	2017	M.Sc. (Agri.)	27-07-2017	20970	ENVIRONMENTAL SCIENCES	Ms. SHRAVANI SANYAL
80.	2017	M.Sc. (Agri.)	17-07-2017	20989	MICROBIOLOGY	Ms. KRUTIKA PATIL
81.	2017	M.Sc. (Agri.)	18-07-2017	20990	MICROBIOLOGY	Ms. ELAKKYA M
82.	2017	M.Sc. (Agri.)	17-07-2017	20991	MICROBIOLOGY	Ms. SAGIA S.
83.	2017	M.Sc. (Agri.)	17-07-2017	20992	MICROBIOLOGY	SHIVANANDA V.
84.	2017	M.Sc. (Agri.)	18-07-2017	20993	MICROBIOLOGY	Ms. SNEHA G R
85.	2017	M.Sc. (Agri.)	18-07-2017	20994	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MUHAMMED SHAMNAS V
86.	2017	M.Sc. (Agri.)	18-07-2017	20986	GENETICS AND PLANT BREEDING	MANJUNATHA P B
87.	2017	M.Sc. (Agri.)	18-07-2017	20962	COMPUTER APPLICATION	BANOTH JAGDISH NAIK
88.	2017	M.Sc. (Agri.)	18-07-2017	20954	BIOINFORMATICS	NITESH KUMAR SHARMA
89.	2017	M.Sc. (Agri.)	18-07-2017	20946	AGRONOMY	R RUSTUM ZHIIPAO
90.	2017	M.Sc. (Agri.)	18-07-2017	20956	BIOINFORMATICS	Ms. TANWY DASMANDAL
91.	2017	M.Sc. (Agri.)	18-07-2017	21024	POST HARVEST TECHNOLOGY	Ms. SAMPADA SHANKAR
92.	2017	M.Sc. (Agri.)	17-07-2017	20958	BIOINFORMATICS	JUTAN DAS
93.	2017	M.Sc. (Agri.)	17-07-2017	20959	COMPUTER APPLICATION	ABHISHEKH M.P.
94.	2017	M.Sc. (Agri.)	18-07-2017	20972	ENVIRONMENTAL SCIENCES	RAHUL KARJEE
95.	2017	M.Sc. (Agri.)	17-07-2017	20961	COMPUTER APPLICATION	MOHIT KUMAR
96.	2017	M.Sc. (Agri.)	17-07-2017	20957	BIOINFORMATICS	BAIBHAV KUMAR
97.	2017	M.Sc. (Agri.)	17-07-2017	20963	COMPUTER APPLICATION	ROHIT KUMAR SINGH
98.	2017	M.Sc. (Agri.)	21-08-2017	20964	COMPUTER APPLICATION	Ms. LISHI KUMARI
99.	2017	M.Sc. (Agri.)	18-07-2017	20965	ENTOMOLOGY	JADHAV MAHESH MAHADEV
100.	2017	M.Sc. (Agri.)	18-07-2017	20966	ENTOMOLOGY	SANTHOSH NAIK G
101.	2017	M.Sc. (Agri.)	17-07-2017	20968	ENTOMOLOGY	VISHVA HARSHA KUKKALA
102.	2017	M.Sc. (Agri.)	17-07-2017	20969	ENTOMOLOGY	NIRAJ GULERIA
103.	2017	M.Sc. (Agri.)	18-07-2017	20960	COMPUTER APPLICATION	AMIT SAHA
104.	2017	M.Sc. (Agri.)	17-07-2017	21019	PLANT PHYSIOLOGY	JAGADHESAN. B
105.	2017	M.Sc. (Agri.)	27-07-2017	21009	PLANT PATHOLOGY	LHAM DORJEE
106.	2017	M.Sc. (Agri.)	17-07-2017	21010	PLANT PATHOLOGY	KRISHNA KUMAR
107.	2017	M.Sc. (Agri.)	29-07-2017	21011	PLANT PATHOLOGY	SWARUP MISHRA
108.	2017	M.Sc. (Agri.)	18-07-2017	21012	PLANT PATHOLOGY	Ms. RASHMI E R

109.	2017	M.Sc. (Agri.)	18-07-2017	21013	PLANT PATHOLOGY	Ms. CHARISHMA K
110.	2017	M.Sc. (Agri.)	18-07-2017	21014	PLANT PATHOLOGY	GANGARAJ R
111.	2017	M.Sc. (Agri.)	17-07-2017	21008	PLANT GENETIC RESOURCES	Ms. MONIKA JHA
112.	2017	M.Sc. (Agri.)	19-07-2017	21018	PLANT PHYSIOLOGY	RAVEENDRAN. M.
113.	2017	M.Sc. (Agri.)	18-07-2017	21015	PLANT PATHOLOGY	UMESH KUMAR
114.	2017	M.Sc. (Agri.)	18-07-2017	21020	PLANT PHYSIOLOGY	PURUSHOTHAMA M
115.	2017	M.Sc. (Agri.)	18-07-2017	21021	PLANT PHYSIOLOGY	RAKTIM MITRA
116.	2017	M.Sc. (Agri.)	19-07-2017	21022	POST HARVEST TECHNOLOGY	HARISH H
117.	2017	M.Sc. (Agri.)	17-07-2017	21023	POST HARVEST TECHNOLOGY	AJIT KUMAR SINGH
118.	2017	M.Sc. (Agri.)	18-07-2017	20996	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	KRISHNAYAN PAUL
119.	2017	M.Sc. (Agri.)	17-07-2017	20955	BIOINFORMATICS	NAVEENKUMAR H S
120.	2017	M.Sc. (Agri.)	17-07-2017	21016	PLANT PATHOLOGY	Ms. NISHMITHA K
121.	2017	M.Sc. (Agri.)	17-07-2017	21005	PLANT GENETIC RESOURCES	MANISH KUMAR
122.	2017	M.Sc. (Agri.)	18-07-2017	21001	NEMATOLOGY	ARTHA KUNDU
123.	2017	M.Sc. (Agri.)	18-07-2017	20999	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ZAHERUL ISLAM
124.	2017	M.Sc. (Agri.)	18-07-2017	21017	PLANT PHYSIOLOGY	PRADEEP S D
125.	2017	M.Sc. (Agri.)	18-07-2017	20998	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	M. RAVI
126.	2017	M.Sc. (Agri.)	18-07-2017	21002	NEMATOLOGY	ABHISHEK GOWDA A P
127.	2017	M.Sc. (Agri.)	17-07-2017	21004	NEMATOLOGY	MANISH KUMAR
128.	2017	M.Sc. (Agri.)	17-07-2017	21006	PLANT GENETIC RESOURCES	Ms. DEEPIKA D D
129.	2017	M.Sc. (Agri.)	18-07-2017	21007	PLANT GENETIC RESOURCES	K. SRINIVAS
130.	2017	M.Sc. (Agri.)	18-07-2017	20997	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	NARESH KUMAR SAMAL
131.	2017	M.Sc. (Agri.)	31-07-2017	21003	NEMATOLOGY	PRAKASH SHANKHU
132.	2017	M.Sc. (Hort.)	18-07-2017	21038	VEGETABLE SCIENCE	ANJAN DAS
133.	2017	M.Sc. (Hort.)	17-07-2017	20982	FRUIT SCIENCE	SANDEEP
134.	2017	M.Sc. (Hort.)	26-07-2017	60031	VEGETABLE SCIENCE	ARUNA T S
135.	2017	M.Sc. (Hort.)	18-07-2017	20981	FRUIT SCIENCE	NIKHIL H N
136.	2017	M.Sc. (Hort.)	18-07-2017	20980	FRUIT SCIENCE	NITIN P S
137.	2017	M.Sc. (Hort.)	17-07-2017	60027	VEGETABLE SCIENCE	Ms. SANTHIYA, S.
138.	2017	M.Sc. (Hort.)	17-07-2017	21035	VEGETABLE SCIENCE	CHAUHAN SHOHAIB SHEIKH AYUB
139.	2017	M.Sc. (Hort.)	18-07-2017	21037	VEGETABLE SCIENCE	S N MANJU
140.	2017	M.Sc. (Hort.)	18-07-2017	20976	FLORICULTURE AND LANDSCAPE ARCHITECTURE	SAGAR C T
141.	2017	M.Sc. (Hort.)	18-07-2017	21039	VEGETABLE SCIENCE	DHANANJAY A HONGAL
142.	2017	M.Sc. (Hort.)	18-07-2017	20979	FRUIT SCIENCE	Ms. MEGHA R
143.	2017	M.Sc. (Hort.)	18-07-2017	20978	FLORICULTURE AND LANDSCAPE ARCHITECTURE	DAVENDRA KUMAR
144.	2017	M.Sc. (Hort.)	17-07-2017	50030	VEGETABLE SCIENCE	Ms. JAGADALE ASHWINI HANAMANT
145.	2017	M.Sc. (Hort.)	18-07-2017	50029	VEGETABLE SCIENCE	Ms. JANANI, R.

146.	2017	M.Sc. (Hort.)	18-07-2017	20977	FLORICULTURE AND LANDSCAPE ARCHITECTURE	ROHITH R
147.	2017	M.Sc. (Hort.)	18-07-2017	21036	VEGETABLE SCIENCE	MANJUNATHA K G
148.	2017	M.Tech.	17-07-2017	20921	POST HARVEST TECHNOLOGY	URHE SUMIT BHAUSAHEB
149.	2017	M.Tech.	18-07-2017	20924	AGRICULTURAL ENGINEERING	RATHOD SUNIL KUMAR
150.	2017	M.Tech.	18-07-2017	20919	AGRICULTURAL ENGINEERING	Ms. SILPA MANDAL
151.	2017	M.Tech.	18-07-2017	20920	AGRICULTURAL ENGINEERING	DHARMENDER
152.	2017	M.Tech.	18-07-2017	20927	AGRICULTURAL ENGINEERING	KUNDAN KUMAR
153.	2017	M.Tech.	18-07-2017	20922	AGRICULTURAL ENGINEERING	NRUSINGH CHARAN PRADHAN
154.	2017	M.Tech.	18-07-2017	20923	AGRICULTURAL ENGINEERING	MAHADIK AKSHAY SANJAY
155.	2017	M.Tech.	18-07-2017	20925	AGRICULTURAL ENGINEERING	GAVHANE KISHOR PANDURANG
156.	2017	M.Tech.	18-07-2017	20926	AGRICULTURAL ENGINEERING	AMIT KUMAR
157.	2017	Ph.D.	28-07-2017	11015	ENTOMOLOGY	NIRANJANA G.N.
158.	2017	Ph.D.	28-07-2017	11016	ENTOMOLOGY	RAKSHITH H.S.
159.	2017	Ph.D.	28-07-2017	11014	ENTOMOLOGY	AMIT UMESH PASCHAPUR
160.	2017	Ph.D.	28-07-2017	11018	ENTOMOLOGY	Ms. G.S. UMA
161.	2017	Ph.D.	28-07-2017	11007	BIOINFORMATICS	Ms. SHWETA KUMARI
162.	2017	Ph.D.	28-07-2017	11019	ENTOMOLOGY	NIKHIL RAJ M.
163.	2017	Ph.D.	28-07-2017	11000	AGRONOMY	PRAVEEN VASANT KADAM
164.	2017	Ph.D.	28-07-2017	11020	ENTOMOLOGY	THIMMEGOWDA M. N.
165.	2017	Ph.D.	28-07-2017	11017	ENTOMOLOGY	Ms. IPSITA SAMAL
166.	2017	Ph.D.	28-07-2017	11012	COMPUTER APPLICATION	HIMANSHUSHEKHAR CHAURASIA
167.	2017	Ph.D.	28-07-2017	11011	COMPUTER APPLICATION	ASIT KUMAR PRADHAN
168.	2017	Ph.D.	28-07-2017	11008	COMPUTER APPLICATION	Ms. SAPNA NIGAM
169.	2017	Ph.D.	28-07-2017	11006	BIOINFORMATICS	Ms. SNEHA MURMU
170.	2017	Ph.D.	28-07-2017	11005	BIOINFORMATICS	Ms. RITWIKI DAS
171.	2017	Ph.D.	31-07-2017	11004	BIOCHEMISTRY	SUNIL INDRAJIT WARWATE
172.	2017	Ph.D.	28-07-2017	11003	BIOCHEMISTRY	Ms. YAMINI TAK
173.	2017	Ph.D.	28-07-2017	11002	BIOCHEMISTRY	Ms. MINNU SASI
174.	2017	Ph.D.	28-07-2017	11040	FRUIT SCIENCE	PANKAJ KUMAR
175.	2017	Ph.D.	28-07-2017	11001	BIOCHEMISTRY	ANSHEEF ALI T.P.
176.	2017	Ph.D.	28-07-2017	11023	ENVIRONMENTAL SCIENCES	YOGENDER SAINI
177.	2017	Ph.D.	28-07-2017	11010	COMPUTER APPLICATION	ARPAN KUMAR MAJI
178.	2017	Ph.D.	28-07-2017	11034	FRUIT SCIENCE	SATYABRATA PRADHAN
179.	2017	Ph.D.	28-07-2017	11041	FRUIT SCIENCE	KIRAN KUMAR, G.N.
180.	2017	Ph.D.	28-07-2017	10957	AGRICULTURAL ENGINEERING	SUSHANTA PADHAN
181.	2017	Ph.D.	28-07-2017	10986	AGRONOMY	HIMANSU SEKHAR GOUDA
182.	2017	Ph.D.	28-07-2017	11044	FRUIT SCIENCE	PRADEEP KUMAR VISHWAKARMA
183.	2017	Ph.D.	28-07-2017	11045	GENETICS AND PLANT BREEDING	Ms. SEEMA SHEORAN
184.	2017	Ph.D.	28-07-2017	11042	FRUIT SCIENCE	KANADE NANDKISHOR MADHAVRAO
185.	2017	Ph.D.	28-07-2017	11039	FRUIT SCIENCE	ASHOK KUMAR MAHAWER
186.	2017	Ph.D.	28-07-2017	11037	FRUIT SCIENCE	Ms. NUSRAT PERVEEN
187.	2017	Ph.D.	28-07-2017	11038	FRUIT SCIENCE	Ms. THEIVANAI M.
188.	2017	Ph.D.	28-07-2017	11035	FRUIT SCIENCE	Ms. PREETI SINGH
189.	2017	Ph.D.	28-07-2017	11024	ENVIRONMENTAL SCIENCES	Ms. ANKITA PAUL

190.	2017	Ph.D.	28-07-2017	11033	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. T. RIHNE
191.	2017	Ph.D.	28-07-2017	11032	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. ANAMIKA GURUNG
192.	2017	Ph.D.	28-07-2017	11031	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. PARVATHI BENNURMATH
193.	2017	Ph.D.	28-07-2017	11030	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. SOUDAMANI KARJEE
194.	2017	Ph.D.	28-07-2017	11029	FLORICULTURE AND LANDSCAPE ARCHITECTURE	SURENDRA SINGH CHAUHAN
195.	2017	Ph.D.	28-07-2017	11028	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. SRIJANA PRADHAN
196.	2017	Ph.D.	28-07-2017	11027	ENVIRONMENTAL SCIENCES	DINESH G.K.
197.	2017	Ph.D.	28-07-2017	11026	ENVIRONMENTAL SCIENCES	Ms. HELEN MARY ROSE
198.	2017	Ph.D.	28-07-2017	11025	ENVIRONMENTAL SCIENCES	ALESH KUMAR
199.	2017	Ph.D.	28-07-2017	11036	FRUIT SCIENCE	PRASHANT SANTRAM KALAL
200.	2017	Ph.D.	28-07-2017	10949	AGRICULTURAL ENGINEERING	MANJUNATH
201.	2017	Ph.D.	28-07-2017	10959	AGRICULTURAL ENGINEERING	Ms. SANGITA ABA KHATAL
202.	2017	Ph.D.	28-07-2017	10960	AGRICULTURAL ENGINEERING	PRASHANT SINGH
203.	2017	Ph.D.	28-07-2017	10958	AGRICULTURAL ENGINEERING	VIKAS PAGARE
204.	2017	Ph.D.	28-07-2017	10956	AGRICULTURAL ENGINEERING	KONGA UPENDAR
205.	2017	Ph.D.	28-07-2017	10955	AGRICULTURAL ENGINEERING	AKSHAY KUMAR SINGH
206.	2017	Ph.D.	28-07-2017	10954	AGRICULTURAL ENGINEERING	AMIT KUMAR PATIL
207.	2017	Ph.D.	28-07-2017	10953	AGRICULTURAL ENGINEERING	PREM VEER GAUTAM
208.	2017	Ph.D.	28-07-2017	10952	AGRICULTURAL ENGINEERING	PRABHAKAR SHUKLA
209.	2017	Ph.D.	28-07-2017	10962	AGRICULTURAL EXTENSION	Ms. LAXMIPRIYA UPADHYAYA
210.	2017	Ph.D.	28-07-2017	10950	AGRICULTURAL ENGINEERING	NISHANTH M. STANLY
211.	2017	Ph.D.	28-07-2017	10963	AGRICULTURAL EXTENSION	Ms. SONITARANI SETHY
212.	2017	Ph.D.	28-07-2017	10948	AGRICULTURAL ENGINEERING	SANKET RAMNATH SAWANT
213.	2017	Ph.D.	28-07-2017	10947	AGRICULTURAL ENGINEERING	BHUKYA JITHENDER
214.	2017	Ph.D.	28-07-2017	10946	AGRICULTURAL ENGINEERING	Ms. ANJALI SUDHAKAR
215.	2017	Ph.D.	28-07-2017	10945	AGRICULTURAL ENGINEERING	MOUSUMI SABAT
216.	2017	Ph.D.	28-07-2017	10944	AGRICULTURAL ENGINEERING	PRAMOD SHIVAJI SHELAK
217.	2017	Ph.D.	28-07-2017	11046	GENETICS AND PLANT BREEDING	THRIBHUVAN R
218.	2017	Ph.D.	28-07-2017	11133	VEGETABLE SCIENCE	KOUSHIK SAHA
219.	2017	Ph.D.	28-07-2017	10943	AGRICULTURAL ENGINEERING	ANUPAM AMITABH
220.	2017	Ph.D.	28-07-2017	10942	AGRICULTURAL ENGINEERING	Ms. MAHANGADE PRIYANKA SHARAD
221.	2017	Ph.D.	28-07-2017	10951	AGRICULTURAL ENGINEERING	Ms. MANISHA HANUMANT JAGADALE
222.	2017	Ph.D.	28-07-2017	10973	AGRICULTURAL STATISTICS	AKHILESH JHA
223.	2017	Ph.D.	28-07-2017	10984	AGRONOMY	ARJUN SINGH
224.	2017	Ph.D.	28-07-2017	10983	AGRONOMY	AMARESH PRADHAN
225.	2017	Ph.D.	28-07-2017	10982	AGRONOMY	RAHUL SADHUKHAN
226.	2017	Ph.D.	28-07-2017	10980	AGRONOMY	Ms. SONAKA GHOSH
227.	2017	Ph.D.	28-07-2017	10979	AGRONOMY	HARISH M N
228.	2017	Ph.D.	28-07-2017	10978	AGRONOMY	KAJAL DAS
229.	2017	Ph.D.	28-07-2017	10977	AGRICULTURAL STATISTICS	SAMIR BARMAN
230.	2017	Ph.D.	28-07-2017	10976	AGRICULTURAL STATISTICS	RONIT JAISWAL
231.	2017	Ph.D.	28-07-2017	10961	AGRICULTURAL ENGINEERING	Ms. SANGAVI R.
232.	2017	Ph.D.	28-07-2017	10974	AGRICULTURAL STATISTICS	MD. YEASIN

233.	2017	Ph.D.	28-07-2017	10985	AGRONOMY	MOHAMMAD HASANAIN
234.	2017	Ph.D.	28-07-2017	10972	AGRICULTURAL STATISTICS	DIPANKAR MITRA
235.	2017	Ph.D.	28-07-2017	10971	AGRICULTURAL PHYSICS	MADANMOHAN MEENA
236.	2017	Ph.D.	28-07-2017	10970	AGRICULTURAL PHYSICS	BHABANI PRASAD MONDAL
237.	2017	Ph.D.	28-07-2017	10969	AGRICULTURAL PHYSICS	VIKAS KUMAR RAI
238.	2017	Ph.D.	28-07-2017	10968	AGRICULTURAL PHYSICS	RAM NARAYAN SINGH
239.	2017	Ph.D.	28-07-2017	10967	AGRICULTURAL EXTENSION	SONDARVA YAGNESH MANSUKHBHAI
240.	2017	Ph.D.	28-07-2017	10966	AGRICULTURAL EXTENSION	GIREESH S.
241.	2017	Ph.D.	28-07-2017	10965	AGRICULTURAL EXTENSION	SAHIL SWANGLA
242.	2017	Ph.D.	28-07-2017	10964	AGRICULTURAL EXTENSION	Ms. PRITI PRIYADARSHNI
243.	2017	Ph.D.	28-07-2017	10975	AGRICULTURAL STATISTICS	ASHIS RANJAN UDGATA
244.	2017	Ph.D.	28-07-2017	11113	SEED SCIENCE AND TECHNOLOGY	C BALACHANDAN GOWDA
245.	2017	Ph.D.	28-07-2017	11101	PLANT PHYSIOLOGY	Ms. PAYAL PRIYADARSINI
246.	2017	Ph.D.	28-07-2017	11123	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ASIK DUTTA
247.	2017	Ph.D.	28-07-2017	11122	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RAHUL MISHRA
248.	2017	Ph.D.	28-07-2017	11121	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ABINASH DAS
249.	2017	Ph.D.	28-07-2017	11120	SEED SCIENCE AND TECHNOLOGY	JAGADISH GOWDA K.S.
250.	2017	Ph.D.	28-07-2017	11119	SEED SCIENCE AND TECHNOLOGY	JORRIGAL LAXMAN
251.	2017	Ph.D.	28-07-2017	11118	SEED SCIENCE AND TECHNOLOGY	CHANDAN M. N.
252.	2017	Ph.D.	28-07-2017	11117	SEED SCIENCE AND TECHNOLOGY	SUNIL JADHAV
253.	2017	Ph.D.	28-07-2017	11116	SEED SCIENCE AND TECHNOLOGY	Ms. NIPA BISWAS
254.	2017	Ph.D.	28-07-2017	11125	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. PRITI TIGGA
255.	2017	Ph.D.	28-07-2017	11114	SEED SCIENCE AND TECHNOLOGY	SUNIL KUMAR
256.	2017	Ph.D.	28-07-2017	11126	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. KHUSHBOO RANI
257.	2017	Ph.D.	28-07-2017	11110	POST HARVEST TECHNOLOGY	Ms. VIKONO KSH
258.	2017	Ph.D.	28-07-2017	11109	POST HARVEST TECHNOLOGY	VISHNU ANAND
259.	2017	Ph.D.	28-07-2017	11108	POST HARVEST TECHNOLOGY	Ms. SINDHU C.
260.	2017	Ph.D.	28-07-2017	11107	POST HARVEST TECHNOLOGY	KARTHIK NAYAKA V S
261.	2017	Ph.D.	28-07-2017	11106	POST HARVEST TECHNOLOGY	Ms. DEEP LATA
262.	2017	Ph.D.	28-07-2017	11105	POST HARVEST TECHNOLOGY	SACHIN A J
263.	2017	Ph.D.	28-07-2017	11104	POST HARVEST TECHNOLOGY	Ms. ANUSREE ANAND
264.	2017	Ph.D.	28-07-2017	11103	POST HARVEST TECHNOLOGY	Ms. UMA PRAJAPATI
265.	2017	Ph.D.	28-07-2017	11131	VEGETABLE SCIENCE	LAXMAN LAKKAPPA NANDI
266.	2017	Ph.D.	28-07-2017	11115	SEED SCIENCE AND TECHNOLOGY	DEBASHIS PAUL
267.	2017	Ph.D.	28-07-2017	11137	VEGETABLE SCIENCE	SWAMINI BHOI
268.	2017	Ph.D.	28-07-2017	10931	AGRICULTURAL CHEMICALS	ROHAN SARKAR
269.	2017	Ph.D.	28-07-2017	10932	AGRICULTURAL CHEMICALS	SAMEER RANJAN MISRA
270.	2017	Ph.D.	28-07-2017	10933	AGRICULTURAL CHEMICALS	Ms. USHA KUMARI
271.	2017	Ph.D.	28-07-2017	10934	AGRICULTURAL CHEMICALS	Ms. NAMRATA LASKAR
272.	2017	Ph.D.	24-08-2017	11148	COMPUTER APPLICATION	DILIP KUMAR
273.	2017	Ph.D.	28-08-2017	11149	WATER SCIENCE AND TECHNOLOGY	SANJAY KUMAR
274.	2017	Ph.D.	29-08-2017	11150	AGRONOMY	SUMAN SEN
275.	2017	Ph.D.	28-07-2017	11141	WATER SCIENCE AND TECHNOLOGY	MADHAVANANDA GUNDAPPAGOL

276.	2017	Ph.D.	28-07-2017	11140	WATER SCIENCE AND TECHNOLOGY	Ms. BLESSY V. A.
277.	2017	Ph.D.	28-07-2017	11124	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. ANKITA TRIVEDI
278.	2017	Ph.D.	28-07-2017	11138	VEGETABLE SCIENCE	Ms. MANISHA
279.	2017	Ph.D.	28-07-2017	11100	PLANT PHYSIOLOGY	Ms. DEVIKA S.
280.	2017	Ph.D.	28-07-2017	11136	VEGETABLE SCIENCE	AMIT KUMAR MATHUR
281.	2017	Ph.D.	28-07-2017	11135	VEGETABLE SCIENCE	ARUN
282.	2017	Ph.D.	28-07-2017	11134	VEGETABLE SCIENCE	PRADEEP KUMAR MAURYA
283.	2017	Ph.D.	28-07-2017	10938	AGRICULTURAL ECONOMICS	SHARATH S YELIGAR
284.	2017	Ph.D.	28-07-2017	11132	VEGETABLE SCIENCE	SOURAV MAHAPATRA
285.	2017	Ph.D.	28-07-2017	11130	VEGETABLE SCIENCE	VINAY N.D.
286.	2017	Ph.D.	28-07-2017	11129	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	MUDAVATH RAVINDRA NAIK
287.	2017	Ph.D.	28-07-2017	11128	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SOURAV CHOUDHURY
288.	2017	Ph.D.	28-07-2017	11127	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RAVINDRA KUMAR REKWAR
289.	2017	Ph.D.	28-07-2017	11139	WATER SCIENCE AND TECHNOLOGY	SHIV SHANKER CHAUDHARI
290.	2017	Ph.D.	28-07-2017	11060	MICROBIOLOGY	Ms. ABIRAAMI T.V.
291.	2017	Ph.D.	28-07-2017	11102	POST HARVEST TECHNOLOGY	Ms. SWARAJYA LAXMI NAYAK
292.	2017	Ph.D.	28-07-2017	11072	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ABINASH BISWAJIT SETHY
293.	2017	Ph.D.	28-07-2017	11071	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. BABLEE KUMARI SINGH
294.	2017	Ph.D.	28-07-2017	11070	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. LOITONGBAM ASHAKIRAN DEVI
295.	2017	Ph.D.	28-07-2017	11069	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SOUGATA BHATTACHARJEE
296.	2017	Ph.D.	28-07-2017	11068	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SOHAM CHOUDHURY
297.	2017	Ph.D.	28-07-2017	11066	MICROBIOLOGY	Ms. SRUTHY, K. S.
298.	2017	Ph.D.	28-07-2017	11065	MICROBIOLOGY	Ms. DHIVYA PRIYA THENAPPAN
299.	2017	Ph.D.	28-07-2017	11063	MICROBIOLOGY	Ms. DIYA ROY
300.	2017	Ph.D.	28-07-2017	11074	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SACHIN
301.	2017	Ph.D.	28-07-2017	11061	MICROBIOLOGY	NAITAM MAYUR GIRIDHAR
302.	2017	Ph.D.	28-07-2017	11075	NEMATOLOGY	Ms. CHAITRA GANAPATI BHAT
303.	2017	Ph.D.	28-07-2017	11059	GENETICS AND PLANT BREEDING	Ms. NOOR E MUJJASSIM
304.	2017	Ph.D.	28-07-2017	11058	GENETICS AND PLANT BREEDING	AMAN TIGGA
305.	2017	Ph.D.	28-07-2017	11057	GENETICS AND PLANT BREEDING	RANJIT SAROJ
306.	2017	Ph.D.	28-07-2017	11056	GENETICS AND PLANT BREEDING	RATHAN, N.D.
307.	2017	Ph.D.	28-07-2017	11055	GENETICS AND PLANT BREEDING	Ms. ARCHANA R.
308.	2017	Ph.D.	28-07-2017	11053	GENETICS AND PLANT BREEDING	Ms. NEETHU MOHAN
309.	2017	Ph.D.	28-07-2017	11052	GENETICS AND PLANT BREEDING	J. JORBEN
310.	2017	Ph.D.	28-07-2017	11050	GENETICS AND PLANT BREEDING	NENAVATH KRISHNA KUMAR RATHOD
311.	2017	Ph.D.	28-07-2017	11048	GENETICS AND PLANT BREEDING	JEET RAM CHOUDHARY
312.	2017	Ph.D.	28-07-2017	11062	MICROBIOLOGY	Ms. LAVANYA A.K.
313.	2017	Ph.D.	28-07-2017	11086	PLANT PATHOLOGY	JAGDISH YADAV
314.	2017	Ph.D.	28-07-2017	11099	PLANT PHYSIOLOGY	ADHIP DAS
315.	2017	Ph.D.	28-07-2017	11098	PLANT PHYSIOLOGY	ELANGOVA N. A.
316.	2017	Ph.D.	28-07-2017	11097	PLANT PHYSIOLOGY	BISWABIPLAB SINGH
317.	2017	Ph.D.	28-07-2017	11095	PLANT PHYSIOLOGY	SANDEEP ADAVI B.
318.	2017	Ph.D.	28-07-2017	11094	PLANT PATHOLOGY	VIVEK KUMAR KHARE

319.	2017	Ph.D.	31-07-2017	11092	PLANT PATHOLOGY	BASAVARAJ CHILAZARI
320.	2017	Ph.D.	28-07-2017	11091	PLANT PATHOLOGY	POTHIRAJ G.
321.	2017	Ph.D.	28-07-2017	11090	PLANT PATHOLOGY	Ms. AMRUTHA LAKSHMI M
322.	2017	Ph.D.	28-07-2017	11089	PLANT PATHOLOGY	VIMALKUMAR C.
323.	2017	Ph.D.	28-07-2017	11073	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	PRASHANT RAGHUNATH SHINGOTE
324.	2017	Ph.D.	28-07-2017	11087	PLANT PATHOLOGY	OINAM WASHINGTON SINGH
325.	2017	Ph.D.	28-07-2017	11047	GENETICS AND PLANT BREEDING	MANDEEP SINGH
326.	2017	Ph.D.	28-07-2017	11085	PLANT PATHOLOGY	KAVI SIDHARTHAN. V
327.	2017	Ph.D.	28-07-2017	11084	PLANT GENETIC RESOURCES	DEEPAK D.A.
328.	2017	Ph.D.	28-07-2017	11083	PLANT GENETIC RESOURCES	ANTO JAMES
329.	2017	Ph.D.	28-07-2017	11082	PLANT GENETIC RESOURCES	SUNIL NAIK S.
330.	2017	Ph.D.	28-07-2017	11081	PLANT GENETIC RESOURCES	Ms. MANJU KUMARI
331.	2017	Ph.D.	28-07-2017	11080	PLANT GENETIC RESOURCES	PRABAKARAN S.
332.	2017	Ph.D.	28-07-2017	11078	NEMATOLOGY	Ms. NANDHINI T.
333.	2017	Ph.D.	28-07-2017	11077	NEMATOLOGY	NEERAJ
334.	2017	Ph.D.	28-07-2017	11076	NEMATOLOGY	BOLLI VENU BABU
335.	2017	Ph.D.	28-07-2017	11088	PLANT PATHOLOGY	DARSHAN, K.
336.	2017	Ph.D.	28-07-2017	10939	AGRICULTURAL ECONOMICS	YOGESH H.C.
337.	2017	Ph.D.	28-07-2017	10936	AGRICULTURAL ECONOMICS	BISWAJIT SEN
338.	2017	Ph.D.	28-07-2017	10935	AGRICULTURAL ECONOMICS	PHILIP KURIACHEN
339.	2017	Ph.D.	28-07-2017	10940	AGRICULTURAL ECONOMICS	JAMALUDHEEN A.

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NEW DELHI-110012

No. PGS-I/1-404/AC/2017

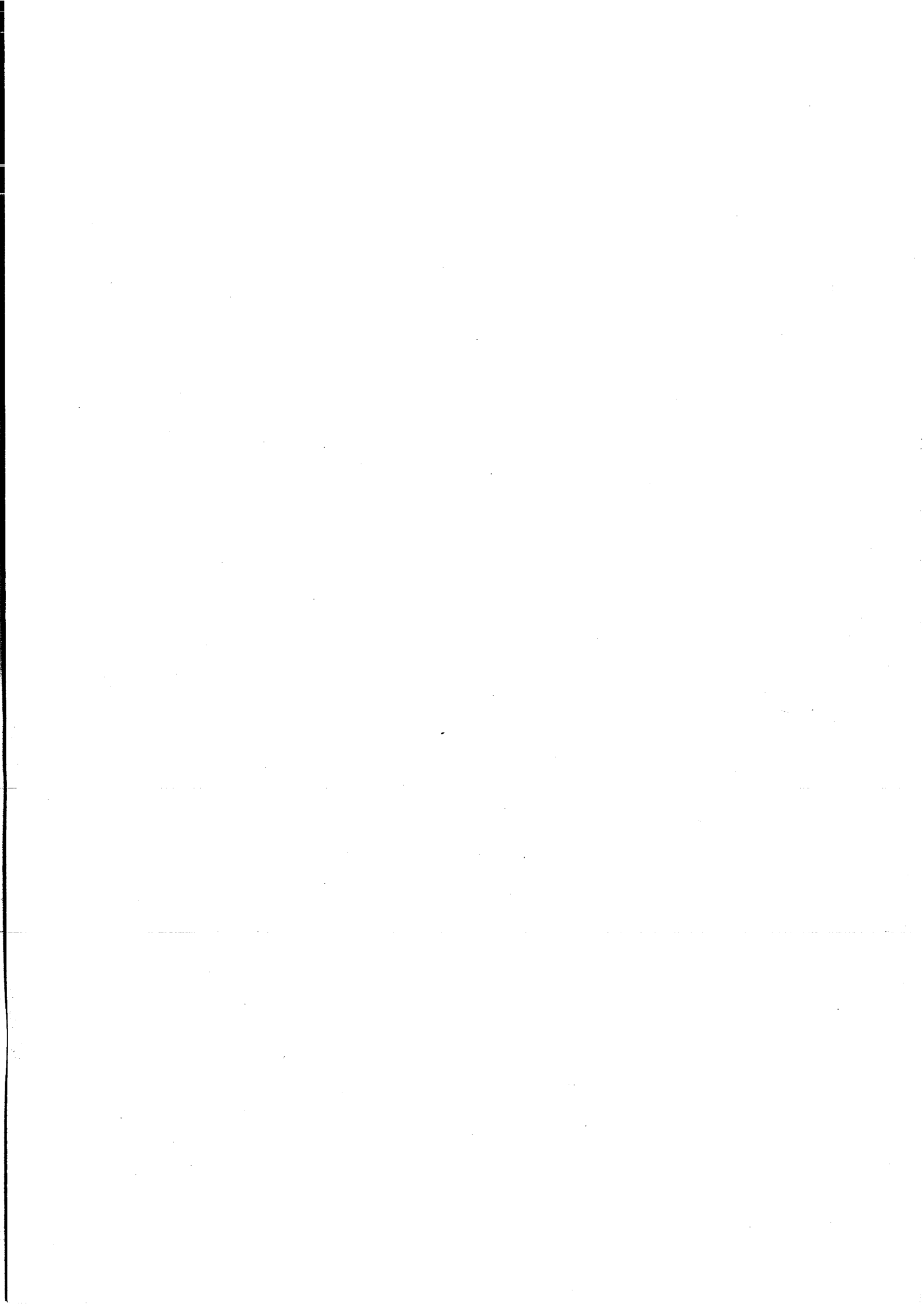
August 18, 2017

ENDORSEMENT

A copy of the proceedings of the 404th meeting of the Academic Council held on 7th July, 2017 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council and concerned Officers (By name) _____
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Associate Dean, P G School
5. Master of Halls of Residences, P.G. School Hostel Office
6. Sr. Admn. Officer, IMC (35 copies for members of Board of Management)
7. Staff Officer, Director's Personal Section, IARI.
8. PS to Dean & Joint Director (Edn.), IARI./PS to Registrar/PS to Comptroller
9. Assistant Administrative Officer, Post Graduate School-II
10. Shri A. K. Tyagi, Chief Technical Officer, P.G. School
11. Dr. S.K. Tyagi, Chief Technical Officer, P G School
12. Concerned Dealing Assistants, PGS-I


(Shashi Prabha Razdan)
REGISTRAR



**PROCEEDINGS OF THE 404th MEETING OF THE ACADEMIC COUNCIL
HELD ON JULY 7, 2017 AT 10.00 AM IN THE CONFERENCE HALL OF Prof.
M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI - 110012**

The following members were present:

1. Dr. Jeet Singh Sandhu, Director (Acting), IARI	Chairman
2. Dr. R.K. Jain, Dean & Joint Director (Edn.), IARI	Vice-Chairman
3. Dr. C. Ramasamy, Former Vice Chancellor, TNAU	Member
4. Dr. J. S. Samra, Former CEO, National Rainfed Area Authority	Member
5. Dr. H.S. Gaur, Former Vice-Chancellor, SVPUA&T, Meerut	Member
6. Dr. S.K. Datta, Former DDG(CS), ICAR	Member
7. Dr. K.V. Prabhu, Joint Director (Research)	Member
8. Dr. K.K. Singh, Director, CIAE, Bhopal	Member
9. Dr. Kuldeep Singh, Director, NBPGR	Member
10. Dr. N.K. Singh, Director (Acting), NRCPB	Member
11. Dr. Man Singh, Project Director (Acting), WTC and Professor, WST	Member
12. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
13. Dr.(Ms.) Irani Mukherjee, Professor, Agricultural Chemicals	Member
14. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics	Member
15. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
16. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
17. Dr.V.K. Sehgal, Professor, Agricultural Physics	Member
18. Dr. Seema Jaggi, Professor, Agril. Statistics	Member
19. Dr. Y.S. Shivay, Professor, Agronomy	Member
20. Dr. (Ms.) Aruna Tyagi, Professor, Biochemistry	Member
21. Dr. A.R. Rao, Professor, Bioinformatics	Member
22. Dr. Sudeep Marwaha, Professor, Computer Applications	Member
23. Dr. Subhash Chander, Professor, Entomology	Member
24. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
25. Dr. K.P. Singh, Professor, Floriculture and Landscape Architecture	Member
26. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
27. Dr. Sunil Pabbi, Professor, Microbiology	Member
28. Dr. R.C. Bhattacharya, Professor, MBB	Member
29. Dr. Anil Sirohi, Professor, Nematology and MOHR, PG Hostels	Member
30. Dr.(Ms.) Rekha Chaudhury, Professor, PGR	Member
31. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
32. Dr. V. P. Singh, Professor, Plant Physiology	Member
33. Dr. S.K. Jha, Professor, Post Harvest Technology	Member
34. Dr. S.K. Jain, Professor, Seed Science & Technology	Member
35. Dr. S.P. Datta, Professor, SS&AC	Member
36. Dr. T.K. Behera, Professor, Vegetable Crops	Member
37. Mr. Sanchal Bilgrami, Comptroller	Member
38. Dr. Bhupinder Singh, Principal Scientist, CESCRA and Faculty Representative to the Academic Council	Member
39. Ms. Usha Khemchandani, Head, Library Services	Member
40. Mr. Bhoopesh Punera, President, PGSSU	Member
41. Ms. Shashi Prabha Razdan, Registrar	Member

Leave of absence was sought and granted to the following members:

1. Dr. N.S. Rathore, Deputy Director General (Edn.)	Member
2. Dr. J.P. Sharma, Joint Director (Ext.)	Member
3. Dr. U.C. Sud, Director, IASRI	Member
4. Dr. P.K. Mishra, Director, IISWC, Dehradun	Member

- | | |
|---|--------|
| 5. Dr. M.R. Dinesh, Director, IIHR | Member |
| 6. Dr.O.P. Awasthi, Professor, Fruits and Hort. Tech. | Member |
| 7. Dr. B.S. Tomar, Head, Vegetable Sciences
and Faculty Representative to the Academic Council | Member |
| 8. Ms. Anu Kumari, Student' Representative to the AC | Member |

The following Members of the Examination Committee also attended as Special Invitees:

1. Dr. C. Viswanathan, Head, Plant Physiology
2. Dr. S.K. Singh, Head, Fruits and Horticultural Technology
3. Dr. A.Kumar, Principal Scientist, Plant Pathology
4. Dr. Anil Dahuja, Principal Scientist, Biochemistry

Dr. R.K. Jain, Dean and Joint Director (Edn.) extended a formal welcome to Dr. Jeet Singh Sandhu, Director, for attending his first meeting. Thereafter, Dr. Sandhu, Director and the Chairperson of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. He also welcomed the new members of the Academic Council who were attending the meeting for the first time:

New members

1. Dr. S.K. Datta, Former Deputy Director General (Crop Sciences), ICAR as Outside expert
2. Dr. N.K. Singh, Director (Acting), NRCPB, New Delhi
3. Dr. Man Singh as Project Director (Acting), Water Technology Centre
4. Dr. S.P. Datta, Professor, Soil Science and Agricultural Chemistry

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. (Mrs.) Ravinder Kaur, Former Director (Acting), IARI and Project Director, Water Technology Centre
2. Dr. R.D. Singh, Former Professor, Soil Science and Agricultural Chemistry

Thereafter, the following agenda items were taken up for consideration:

Agenda Item No.	Description of Agenda Items
404.1	Confirmation of the proceedings of the 403 rd meeting of the Academic Council held on February 8, 2017
404.2	Action Taken Report on the Proceedings of 403 rd meeting of the Academic Council held on February 8, 2017
404.3	Recommendations of the Standing Committee on Faculty & Discipline made in its meeting held on June 21, 2017
404.4	Recommendations of the Standing Committee on Course Curricula and Academic Affairs made in its meeting held on June 22 and 23, 2017
404.5	Consideration of Appointment of Ombudsman (Lok Pal) at IARI
404.6	Creation of position of Dean Students Welfare (DSW) at IARI as suggested by the ICAR Accreditation Board and NAAC team of UGC
404.7	Consideration of Institution of a special IARI Merit Medal for the best Ph.D. student from the North Eastern Region

404.8	Finalization of the results of the candidates for Admission to M.Sc./M.Tech./Ph.D. degree courses at IARI for the Academic Session 2017-18
404.9	Any other item with the permission of the Chair

Agenda Item No. 404.1 Confirmation of the proceedings of the 403rd meeting of the Academic Council held on February 8, 2017

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 403rd meeting. Since no comment was there, the proceedings of the previous meeting were confirmed.

Agenda Item No. 404.2 Action Taken Report on the Proceedings of 403rd meeting of the Academic Council held on February 8, 2017

Action taken report (ATR) was presented by the Dean and Joint Director (Education).

Agenda Item No. 404.3 Consideration of the proceedings of the meeting of the Standing Committee on Faculty and Discipline held on 21.6.2017

Academic Council approved the following recommendations made by the Standing Committee on Faculty and Discipline:

404.3.1 Induction of the following **thirteen** Scientists into PG Faculty in their respective disciplines at IARI, New Delhi/ IARI PG outreach programme at IIHR Bengaluru and CIAE, Bhopal as they meet the qualifications/eligibility criteria as per prescribed guidelines.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Soumen Pal, Scientist	Agricultural Statistics
2.	Dr. T.Ram, Senior Scientist	Agronomy
3.	Dr. M.G. Mallikarjuna, Scientist	Bioinformatics
4.	Dr. Jyoti Kaul, Principal Scientist	Genetics and Plant Breeding
5.	Dr. Onkar Nath Tiwari, Senior Scientist	Microbiology
6.	Dr. Minakshi Grover, Senior Scientist	"
7.	Dr. M. S. Saharan, Principal Scientist	Plant Pathology
8.	Dr. Nagamani Sandra, Scientist	"
9.	Dr. Ravindra Kumar, Scientist	"
10.	Dr. Dipika Agrahar Murugkar, Principal Scientist	Food Science and Technology(CIAE, Bhopal)
11.	Dr. Manoj Kumar, Scientist	Agricultural Statistics(CIAE, Bhopal)
12.	Dr. M.K. Tripathi, Senior Scientist	Biochemistry(CIAE, Bhopal)
13.	Dr. G. Sangeetha, Senior Scientist	Plant Pathology(IIHR, Bengaluru)

404.3.2 Recognition of the following **twenty** faculty members as Research guides for M.Sc. guidance in their respective disciplines at IARI, New Delhi/IARI PG outreach programme at CIAE, Bhopal as they meet the prescribed requirements for becoming the research guides.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. M.K. Singh, Senior Scientist	Agricultural Engineering
2.	Dr. Arpan Bhowmik, Scientist	Agricultural Statistics
3.	Dr. Sukanta Dash, Scientist	"
4.	Dr. Amal Ghosh, Principal Scientist	Agronomy
5.	Dr. Raj Singh, Principal Scientist	Agronomy
6.	Dr. Mukesh Kumar, Senior Scientist	Computer Application
7.	Dr. N. S. Mahadev, Scientist	Entomology
8.	Dr. P.R. Shashank, Scientist	"
9.	Dr. Tapan Kumar Mondal, Senior Scientist	Molecular Biology and Biotechnology
10.	Dr. K.K. Gangopadhyay, Principal Scientist	Plant Genetic Resources
11.	Dr. Celia Chelam V, Principal Scientist	"
12.	Dr. Sherry Rachel Jacob, Scientist(Sr. Scale)	"
13.	Dr. Kavita Gupta, Principal Scientist	"
14.	Dr. Rakesh Bhardwaj, Senior Scientist	"
15.	Dr. S. Rajkumar, Senior Scientist	"
16.	Dr. Diwakar Bahukhandi, Principal Scientist	Plant Pathology
17.	Dr. Saritha R.K., Scientist	"
18.	Dr. Sarvendra Kumar, Scientist	Soil Science and Agricultural Chemistry
19.	Dr. D. Mohapatra, Senior Scientist*	Agricultural Engineering(APS), (CIAE, Bhopal)
20.	Dr. K.N. Agarwal, Project Coordinator**	Agricultural Engineering (FPE), (CIAE, Bhopal)

*Eligible and recommended for Ph.D. guidance

**Keeping in view of his joining as Project Coordinator at CIAE, Bhopal, eligible and recommended for Ph.D. guidance

404.3.3 Non-recognition of the following **two** faculty members from CIAE Bhopal as Ph.D. Research Guides as they do not meet the prescribed requirement of teaching experience/student guidance.

S.No.	Name and Designation	Name of the Discipline	Reason for declining
1.	Dr. K.P. Singh, Senior Scientist	Agricultural Engineering (FPE),(CIAE, Bhopal)	Short of One M.Sc./ M.Tech. student guidance
2.	Dr. Sandip Gangil, Principal Scientist	"	Short of One year teaching experience

404.3.4 Approval of the candidature of following **two** Scientists for recognition of Adjunct Faculty at IARI as per prescribed guidelines notified vide Notification No. PGS/1-402/AC/2016 dated 20/1/2017.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. V.K. Bhatia, Former Director, IASRI, New Delhi	Agricultural Statistics
2.	Dr. V.C. Mathur, Former Professor, Agricultural Economics, IARI, New Delhi	Agricultural Economics

Agenda Item No. 404.4 Consideration of the Proceedings of the meeting of the Standing Committee on Courses Curricula and Academic Affairs held on 22.6.2017 and 23.6.2017

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

404.4.1 Consideration of Revision in Courses of all the disciplines of IARI

The Academic Council approved the revised Course Curricula for all the 26 teaching Disciplines for its implementation from the 2017-18 Academic Session.

404.4.2 Consideration of a proposal for enrolment of DRDO Research Scholars for Ph.D. degree at IARI.

The issue was deliberated in detail. The Academic Council was of the opinion that as per the existing academic regulations of the Institute, it is not permissible to allow registration of Research Scholars of any organizations for Ph.D. degree without qualifying the Entrance Examination.

404.4.3 Proposal for collaboration between NAARM and IARI on distance learning courses.

The issue was deliberated in detail. The Academic Council did not agree to run or grant approval for such diploma Course through distance learning mode.

404.4.4 Recognition of PG Diploma in Plant Management (PGDPHM) offered at NIPHM, Hyderabad

The issue was discussed in detail and the Academic Council did not agree to the above proposal.

404.4.5 To start Ph.D. Programme as IARI PG outreach programme in third sub discipline of Agricultural Engineering : Soil and Water Conservation Engineering at CIAE, Bhopal.

The above proposal from CIAE, Bhopal was discussed in detail. The Academic Council was of the opinion that before taking any decision on the matter, the information on Scientists strength, their eligibility as Faculty member/Research Guides, mandate of the institute etc. could be sought from CIAE.

404.4.6. To maintain uniform nomenclature for M.Sc. degree at IARI as per the recommendations of 5th Dean's Committee

In order to overcome the difficulties faced by IARI students while applying to other Departments/Universities/Agencies and also to maintain a uniform degree nomenclature as per the recommendation of 5th Dean's Committee, the Academic Council approved the recommendations of Standing Committee to pre-fix the word "M.Sc. Ag." in M.Sc. degrees. With regards to the Horticulture discipline, the degree shall be awarded as M.Sc. Horticulture (Fruit Science), M.Sc. Horticulture (Vegetable Science) and M.Sc. Horticulture (Floriculture and Landscape Architecture).

Agenda Item No. 404.5 Consideration of Appointment of Ombudsman (Lok Pal) at IARI for grievance redressal.

The issue was discussed in detail. The Academic Council was of the opinion that IARI awards only Post Graduate Degrees, and in case of any problem, authorities' viz. Registrar, Dean and Director are easily accessible to the Students. Further, the Academic Council was of the view that the Standing Committee on "Students Problems & Discipline, Welfare, Board and Residences", work as "Grievance redressal Committee" at IARI.

Agenda item No. 404.6 Creation of position of Dean Students Welfare (DSW) at IARI as suggested by the ICAR Accreditation Board and NAAC team of UGC

The issue was deliberated in detail. Taking into consideration all aspects and needs of the university system, the Academic Council approved the Standing Committee recommendation for the creation of position of DSW at IARI through ASRB selection.

Agenda item No. 404.7 Consideration of Institution of a special IARI Merit Medal for the best Ph.D. student from the North Eastern Region

The Academic Council ratified the decision of awarding above Medal to Dr. Sujan Majumdar, Discipline of Agricultural Chemicals in the 55th Convocation held on February 9, 2017. Further, it was decided that a Committee may be constituted under the Chairmanship of the Dean & Joint Director(Edn.) to come up with suitable recommendations.

Agenda Item No. 404.8 Finalization of the results of the candidates for Admission to M.Sc./M.Tech./Ph.D. degree courses at IARI for the Academic Session 2017-18

404.8.1 Admission of the candidates for M.Sc./M.Tech. degree programs at IARI

The Academic Council was apprised with the entrance examination for admission of the candidates for M.Sc./M.Tech. degree programs for SAUs/ICAR-DUs/CAUs arranged by the Education Division of ICAR. The counselling of the candidates for M.Sc./M.Tech. programs for SAUs/ICAR-DUs/CAUs is scheduled in July 2017 by the Education Division, ICAR. The name of the selected candidates for IARI will be available only after Counselling.

Keeping in view of the above, the Academic Council authorized the Dean, P.G. School to finalise the admission of M.Sc./M.Tech. degree programme with the approval of Chairman, Academic Council.

404.8.2 Selection of foreign students for M.Sc. and Ph.D. degree courses at IARI for the Academic Session 2017-18

Thirty seats are available under this stream. The selection of following 15 foreign nationals (7 Ph.D., 8 M.Sc.) on the recommendations of the Professors in the respective Disciplines and approved by the Director, IARI and Chairman of the Academic Council was ratified by the Academic Council.

Ph.D.

S. No.	Name of Candidate	Discipline	Country	Scheme
1.	KONDWANI RIHMOND MSANGOSOKO	Entomology	Malawi	Africa Scholarship Scheme (MEA)
2.	ALIMANY ALIE KAMARA	Environmental Science	Sierra Leone	Africa Scholarship Scheme (MEA)
3.	Ms. UWISIZE MARIE GRACE	Fruit Science	Rwanda	ICAR International Fellowship (MEA)
4.	GALIYA AKHMETOVA	Molecular Biology and Biotechnology	Kazakhstan	General Scholarship Scheme (ICCR)
5.	KYAW KYAW Oo	Entomology	Myanmar	Mekong Ganga Scholarship Scheme (MEA)
6.	KYAW SWAR Oo	Genetics and Plant Breeding	Myanmar	Mekong Ganga Scholarship Scheme (MEA)
7.	NAY AUNG	Genetics and Plant Breeding	Myanmar	General Scholarship Scheme (ICCR)

M.Sc.

S. No.	Name of Candidate	Discipline	Country	Scheme
1.	Ms. SU MON HTET	Agricultural Economics	Myanmar	General Scholarship Scheme (ICCR)
2.	WASSEM BASSEM MAHER NAGUIB	Plant Physiology	Egypt	Africa Scholarship Scheme (MEA)
3.	MOHAMMAD AKRAM	Agricultural Extension	Afghanistan	India-Afghanistan Fellowship Programme (MEA)
4.	ABDUL HAMID NAZARI	Entomology	Afghanistan	Special Scholarship Scheme (ICCR)
5.	NAJIBULLAH ASIL	Environmental Science	Afghanistan	Special Scholarship Scheme for Afghan Nationals (ICCR)
6.	ABDUL SALAM	Floriculture and Landscape Architecture	Afghanistan	India-Afghanistan Fellowship Programme (MEA)
7.	Ms. LATAFAT KARIM	Plant Pathology	Afghanistan	Special Scholarship Scheme for Afghan Nationals (ICCR)
8.	ZIAULLAH SULAIMANKHIL	Post Harvest Technology	Afghanistan	India-Afghanistan Fellowship Programme (MEA)

With regard to the applications of foreign students which are under process and to be received if any, henceforth for the current academic year 2017-18, the Academic Council authorized the Dean to get the selection finalized with the approval of the Chairman of the Academic Council.

404.8.3 Selection of the candidates for Ph.D. degree courses at IARI, New Delhi

With the approval of the Director (IARI) and Chairman of the Academic Council, an examination Committee was constituted for overall supervision of the process of the examination. The process of entrance examination was successfully carried out starting with the advertisement which appeared in all the major national dailies in March, 2017. As approved by the Academic Council in 402nd meeting held on November 30, 2016, the Entrance Examination for admission to Ph.D. degree programmes at IARI was held on April 23, 2017 at fifteen centres viz., Anand, Bengaluru, Ludhiana, Cochin, Coimbatore, Delhi, Dharwad, Guwahati, Jabalpur, Hyderabad, Ranchi, Kolkata, Pune, Udaipur and Varanasi.

The detailed result for selection of the candidates for Ph.D. degree programmes as recommended by the Examination Committee is placed separately for consideration and approval of the Academic Council.

404.8.4 Selection of the candidates for Ph.D. degree courses at IARI, New Delhi

The Dean & Joint Director (Edn.) informed the Academic Council that the process of entrance examination was successfully conducted starting with the advertisement which appeared in all the major national dailies in the month of March, 2017 for the admission of the candidates for Ph.D. degree courses at IARI, New Delhi, CIAE, Bhopal and IIHR, Bengaluru, as per the approval of the Academic Council made in its 402nd meeting.

Dr. C. Viswanathan, Chairman, Examination Committee presented the recommendations of the Examination Committee. He conveyed his gratitude for providing him the opportunity to carry out this very important, confidential, voluminous and time bound task. He also appreciated the contributions of all the members of the Examination Committee, Professors, Heads and faculty members, P.G. School officials who helped in accomplishing this job very smoothly. He also informed the Council that while finalizing the results due care has been taken towards the selection of OBC/SC/ST/PC category candidates as per the norms prescribed by the Govt. of India.

This year candidates in six disciplines who opted to write in Hindi were provided with question papers in Hindi besides English papers.

For the fourth consecutive year, applications for admissions to Ph.D. courses at our sister institutes, namely, CIAE and IIHR were also invited. Applications were invited **online** for admission to the Ph.D. degree programme in 26 disciplines at the Indian Agricultural Research Institute, in Agricultural Engineering discipline at CIAE, Bhopal (Sub-disciplines: Agricultural Processing & Structure, and Farm Power & Equipment) and in Fruit Science, Floriculture and Landscaping Architecture, Vegetable Science, and Post Harvest Technology of Horticultural Crops disciplines at IIHR, Bengaluru, respectively, for the Academic Session 2017-18 in February 2017, with March 6, 2017 as the last date for submission of applications. A total of **2470** applications were received for admission by the PG School, IARI and these candidates were allowed to appear for the written examination. A total of **1947** candidates appeared at the written examination which was held on **April 23, 2017** at **15 Centres** (Anand, Bengaluru, Ludhiana, Cochin, Coimbatore, Delhi, Dharwad, Guwahati,

(Anand, Bengaluru, Ludhiana, Cochin, Coimbatore, Delhi, Dharwad, Guwahati, Jabalpur, Hyderabad, Ranchi, Kolkata, Pune, Udaipur, and Varanasi) spread across the country.

Based on the performance in the written examination, the Examination Committee recommended the names of **624** candidates for interview in various disciplines, of which **471** appeared at the interview in the respective disciplines. The candidates were interviewed on **July 3, 2017** by the Interview Boards duly constituted by the Director and Chairman of the Academic Council, IARI in the respective disciplines.

The results of the entrance examination were compiled by the Examination Committee on the basis of the marks obtained by the interviewed candidates in the written examination, interview and their respective academic scores. The Provisional Final Result as recommended by the Examination Committee, is placed for the consideration and approval of the Academic Council.

The Committee recommends 184 candidates for filling up the 184 seats under the Open Scheme at IARI as approved by the Academic Council in its 402nd meeting held on November 30, 2016. This includes 5 Physically Challenged candidates. In addition to this, 20 other candidates are recommended for admission which includes 8 under ICAR In-service, 10 in the Faculty Up-gradation Scheme and 2 under Departmental Scientific Scheme. Thus, a **total of 204 candidates are recommended for admission to the Ph.D. programme at PG School, IARI** for the Academic Session 2017-18. For the PG Outreach Programme at sister Institutes, **12 candidates for CIAE, Bhopal** and **16 candidates for IIHR, Bengaluru** are also recommended for admission to the Ph.D. programme for the academic session 2017-18.

A. Admission of candidates under the Open Scheme

• IARI, New Delhi

- (i) Under the General category in the Open scheme, 79 seats were available for admission at IARI. 44 candidates belonging to categories other than General (OBC-33, SC-7, and ST-4) have been selected under the general category seats on the basis of their merit.
- (ii) 42 seats were reserved for OBC category, 23 for SC and 12 for ST categories.
- (iii) Out of the 42 seats under the OBC category, **4 seats remained unfilled** due to lack of qualified candidates, two in the disciplines of Agricultural Chemicals and one each in Agricultural Physics & Agricultural Statistics. These OBC seats are recommended to be filled up by transfer in the disciplines of Entomology (2 seats), and Agronomy (2 seats).
- (iv) For the SC category, 23 seats were reserved this year across different disciplines at IARI. **One seat remained unfilled** in the SC category in Biochemistry. This seat was recommended to be filled up by transfer in the discipline of Seed Science & Technology.

- (v) Of the 12 seats reserved for the ST category this year, **2 seats remained unfilled** one each in the disciplines of Agricultural Statistics, and Bioinformatics, due to the non-availability of qualified candidates in these disciplines. The 2 unfilled ST category seats are recommended to be filled up by transfer one each in the disciplines of Genetics & Plant Breeding and Seed Science & Technology.
- (vi) Thus all the **7 seats** in the OBC (4 seats), SC (1 seat), and ST (2 seats) categories that remained unfilled on account of non-availability of qualified candidates in the originally approved disciplines are recommended to be filled up by transfer in other disciplines on the basis of merit, where candidates are available.

● **PG School Outreach Programme at IIHR, Bengaluru**

For IIHR, a total of 16 seats (8 General, 5 OBC, 2 SC, and 1 ST) were recommended for admission to Ph.D. Out of these, one seat each in SC and ST were filled-up by transfer from other sub-disciplines within the Institute.

● **PG School Outreach Programme at CIAE, Bhopal**

Total of 12 seats for Ph.D. (6 General, 3 OBC, 2 SC and 1 ST) were recommended for admission at CIAE, Bhopal.

The details of filled-up seats in all the disciplines and Wait-listed are given in the lists which are circulated to the Academic Council.

B. Admission in other schemes

- (i) For the Academic Year 2017-18, the number of seats available under various schemes were as follows:
- | | |
|-----------------------------|------|
| Faculty Up-gradation Scheme | - 10 |
| ICAR In-service nominee | - 10 |
| Departmental (Scientific) | - 10 |
| Departmental (Technical) | - 26 |
- (ii) On the basis of merit, the Committee recommends a total of 20 seats to be filled up under the different Schemes. These include 8 seats under the ICAR In-service Nominee, 10 seats under the Faculty Up-gradation Scheme and 2 under Departmental Scientific scheme in the respective disciplines.

The list of selected candidates for Ph.D. degree programmes as approved by the Academic Council is placed at **Appendix-I (Table-I)**.

The Chairperson, Vice Chairman and all the members of Academic Council appreciated the work and dedication of the Examination Committee for successful completion of Ph.D. entrance examination programme.

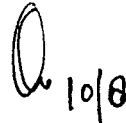
Agenda Item No. 404.9 Any other item with the permission of the Chair

- (i) On the issue of increasing the tuition fee from the Post Graduate students, the Academic Council was of the opinion that a detailed proposal may be submitted by the Comptroller for consideration in the next meeting.
- (ii) The Academic Council agreed for the travel by air to external examiners concerning to PG students, subject to fund availability.

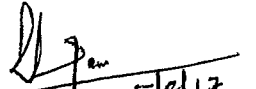
The meeting ended with a vote of thanks to the chair.



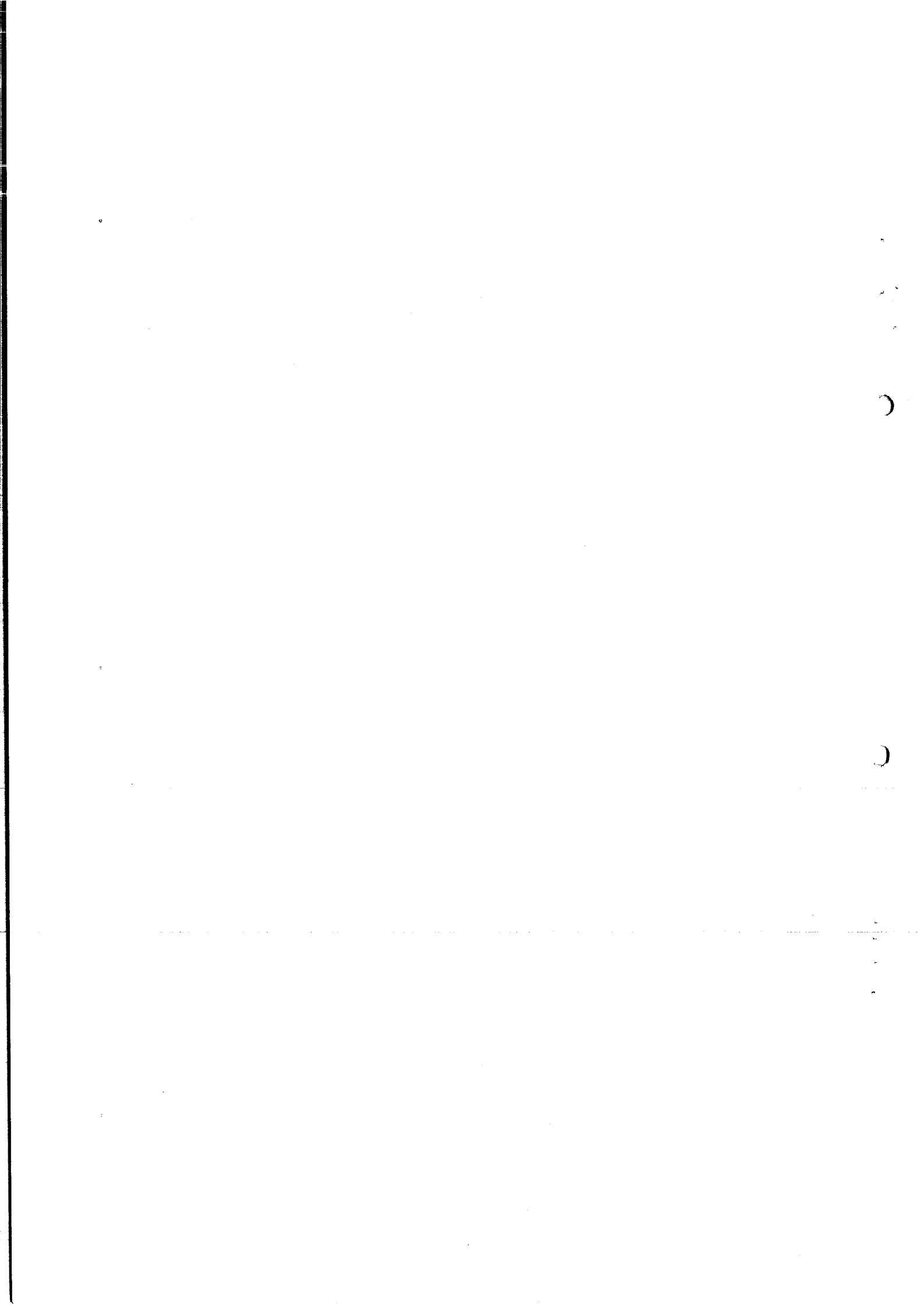
(Shashi Prabha Razdan)
Member-Secretary



(A.K. Singh)
Chairman



(R.K. Jain) 5/8/17
Vice Chairman



ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph.D ENTRANCE EXAM. 2017
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/CIAE
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
01-Agricultural Chemicals					
1	0100006	ROHAN SARKAR	OBC*	OPEN	IARI
2	0100007	SAMEER RANJAN MISRA	GEN	OPEN	IARI
3	0100011	USHA KUMARI	OBC*	OPEN	IARI
4	0100005	NAMRATA LASKAR	SC	OPEN	IARI
02-Agricultural Economics					
5	0200034	PHILIP KURIAHEN	GEN	OPEN	IARI
6	0200007	BISWAJIT SEN	GEN	OPEN	IARI
7	0200055	SURESH KUMAR	GEN	ICAR	IARI
8	0200048	SHARATH SHASHIDHAR YELIGAR	ST	OPEN	IARI
9	0200064	YOGESH H C	SC	OPEN	IARI
10	0200017	JAMALUDHEEN A.	OBC	OPEN	IARI
11	0200037	PRAVEEN K.V.	SC	ICAR	IARI
03-1-Agricultural Engineering-Agricultural Processing and Structure					
12	0310026	PRIYANKA SHARAD MAHANGADE	PC(GEN)	OPEN	IARI
13	0310005	ANUPAM AMITABH	OBC*	OPEN	CIAE
14	0310023	PRAMOD SHIVAJI SHELAK	GEN	OPEN	CIAE
15	0310018	MOUSUMI SABAT	GEN	OPEN	CIAE
16	0310004	ANJALI SUDHAKAR	OBC	OPEN	CIAE
17	0310007	BHUKYA JITHENDER	ST	OPEN	CIAE
18	0310032	SANKET RAMNATH SAWANT	SC	OPEN	CIAE
03-2-Agricultural Engineering-Farm Power and Equipment					
19	0320082	MANJUNATH	GEN	OPEN	IARI
20	0320088	NISHANTH M STANLY	OBC*	OPEN	IARI
21	0320081	MANISHA HANUMANT JAGADALE	GEN	OPEN	CIAE
22	0320092	PRABHAKAR SHUKLA	GEN	OPEN	CIAE
23	0320094	PREM VEER GAUTAM	SC*	OPEN	CIAE
24	0320052	AMIT KUMAR PATIL	SC	OPEN	IARI
25	0320050	AKSHAY KUMAR SINGH	OBC	OPEN	IARI
26	0320077	KONGA UPENDAR	OBC	OPEN	CIAE
27	0320105	SUSHANTA PADHAN	OBC	OPEN	CIAE
28	0320110	VIKAS PAGARE	SC	OPEN	CIAE
03-3-Agricultural Engineering-Soil and Water Conservation Engineering					
29	0330148	SANGITA ABA KHATAL	OBC*	OPEN	IARI
30	0330142	PARSHANT SINGH	GEN	OPEN	IARI
31	0330146	SANGAVI R	OBC	OPEN	IARI
04-Agricultural Extension					
32	0400034	LAXMIPRIYA UPADHYAYA	GEN	OPEN	IARI
33	0400074	SONITARANI SETHY	SC*	OPEN	IARI
34	0400053	PRITI PRIYADARSHNI	GEN	OPEN	IARI
35	0400060	SAHIL SWANGLA	ST	OPEN	IARI
36	0400020	GIREESH S	PC(OBC)	OPEN	IARI
37	0400072	SONDARVA YAGNESH MANSUKHBHAI	SC	OPEN	IARI

C. V. S. 5/7/17

5/7/17

5/7/17

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LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/CIAE
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
<u>05-Agricultural Physics</u>					
38	0500010	RAM NARAYAN SINGH	GEN	OPEN	IARI
39	0500017	VIKAS KUMAR RAI	GEN	OPEN	IARI
40	0500004	BHABANI PRASAD MONDAL	GEN	OPEN	IARI
41	0500007	MADANMOHAN MEENA	ST	OPEN	IARI
<u>06-Agricultural Statistics</u>					
42	0600014	DIPANKAR MITRA	GEN	OPEN	IARI
43	0600001	AKHILESH JHA	GEN	OPEN	IARI
44	0600028	MD YEASIN	OBC*	OPEN	IARI
45	0600010	ASHIS RANJAN UDGATA	GEN	OPEN	IARI
46	0600037	RONIT JAISWAL	OBC	OPEN	IARI
47	0600039	SAMIR BARMAN	SC	OPEN	IARI
<u>07-Agronomy</u>					
48	0700062	KAJAL DAS	SC*	OPEN	IARI
49	0700056	HARISH M N	GEN	OPEN	IARI
50	0700127	SONAKA GHOSH	OBC*	OPEN	IARI
51	0700088	PARKASH VERMA	OBC*	OPEN	IARI
52	0700100	RAHUL SADHUKHAN	PC(OBC)	OPEN	IARI
53	0700009	AMARESH PRADHAN	OBC	OPEN	IARI
54	0700019	ARJUN SINGH	ST	OPEN	IARI
55	0700074	MOHAMMAD HASANAIN	OBC (TR)	OPEN	IARI
56	0700057	HIMANSU SEKHAR GOUDA	OBC (TR)	OPEN	IARI
57	0700108	RISHI RAJ	OBC	DS	IARI
58	0700148	VEMANA SUJATHA	GEN	FUS	IARI
59	0700133	SUNIL MANDI	ST	ICAR	IARI
60	0700094	PRAVEEN VASANT KADAM	SC	OPEN	IARI
<u>08-Biochemistry</u>					
61	0800003	ANSHEEF ALI T P	OBC*	OPEN	IARI
62	0800022	MINNU SASI	OBC*	OPEN	IARI
63	0800049	YAMINI TAK	OBC*	OPEN	IARI
64	0800043	SUNIL INDRAJIT WARWATE	OBC	OPEN	IARI
<u>09-Bioinformatics</u>					
65	0900030	RITWIKA DAS	GEN	OPEN	IARI
66	0900037	SNEHA MURMU	ST*	OPEN	IARI
67	0900034	SHWETA KUMARI	SC	OPEN	IARI
<u>10-Computer Application</u>					
68	1000016	SAPNA NIGAM	SC*	OPEN	IARI
69	1000013	RAMESH PRAJAPAT	OBC*	OPEN	IARI
70	1000002	ARPAN KUMAR MAJI	GEN	OPEN	IARI
71	1000003	ASIT KUMAR PRADHAN	OBC	OPEN	IARI
72	1000005	HIMANSHUSHEKHAR CHAURASIA	OBC	OPEN	IARI
73	1000007	MADHU BALA PRIYADARSHI	SC	DS	IARI

C. K. Singh
5/7/17

DP
5/7/17

J. S. Singh

ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph .D ENTRANCE EXAM. 2017
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/ICAR
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
11-Entomology					
74	1100006	AMIT UMESH PASCHAPUR	GEN	OPEN	IARI
75	1100088	NIRANJANA G N	GEN	OPEN	IARI
76	1100106	RAKSHITH H S	ST	OPEN	IARI
77	1100054	IPSITA SAMAL	SC	OPEN	IARI
78	1100041	G S UMA	OBC	OPEN	IARI
79	1100086	NIKHIL RAJ M	OBC (TR)	OPEN	IARI
80	1100140	THIMMEGOWDA M N	OBC (TR)	OPEN	IARI
81	1100095	POLA SUNITHA	GEN	FUS	IARI
82	1100147	YANA VENKANNA	GEN	FUS	IARI
12-Environmental Sciences					
83	1200090	YOGENDER SAINI	OBC*	OPEN	IARI
84	1200007	ANKITA PAUL	GEN	OPEN	IARI
85	1200003	ALESH KUMAR	SC*	OPEN	IARI
86	1200027	HELEN MARY ROSE	OBC	OPEN	IARI
87	1200022	DINESH G K	SC	OPEN	IARI
13-Floriculture and Landscape Architecture					
88	1300041	SRIJANA PRADHAN	GEN	OPEN	IARI
89	1300042	SURENDRA SINGH CHAUHAN	GEN	OPEN	IARI
90	1300038	SLOUDAMANI KARJEE	ST*	OPEN	IIHR
91	1300024	PARVATHI BENNURMATH	GEN	OPEN	IIHR
92	1300002	ANAMIKA GURUNG	OBC	OPEN	IIHR
93	1300044	T.RIHNE	ST	OPEN	IARI
14-Fruit Science					
94	1400070	SATYABRATA PRADHAN	GEN	OPEN	IARI
95	1400060	PREETI SINGH	OBC*	OPEN	IARI
96	1400058	PRASHANT SANTRAM KALAL	OBC*	OPEN	IIHR
97	1400050	NUSRAT PERVEEN	OBC*	OPEN	IIHR
98	1400090	THEIVANAI M	OBC	OPEN	IARI
99	1400015	ASHOK KUMAR MAHAWER	SC	OPEN	IARI
100	1400053	PANKAJ KUMAR	OBC	OPEN	IARI
101	1400033	KIRAN KUMAR G N	SC (TR)	OPEN	IIHR
102	1400047	NANDKISHOR MADHAVRAO KANADE	OBC	OPEN	IIHR
103	1400078	SRIDHAR . RAMACHANDRA	ST	FUS	IARI
104	1400056	PRADEEP KUMAR VISHWAKARMA	OBC	OPEN	IIHR
15-Genetics and Plant Breeding					
105	1500169	SEEMA SHEORAN	GEN	OPEN	IARI
106	1500197	THRIBHUVAN R	OBC*	OPEN	IARI
107	1500104	MANDEEP SINGH	OBC*	OPEN	IARI
108	1500077	JEET RAM CHOUDHARY	OBC	OPEN	IARI
109	1500149	RAVI KIRAN TIRUMALA K	GEN	ICAR	IARI
110	1500122	NENAVATH KRISHNA KUMAR RATHOD	ST	OPEN	IARI
111	1500210	VENKATA R PRAKASH REDDY	GEN	FUS	IARI
112	1500074	J JORBEN	SC	OPEN	IARI

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ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph.D ENTRANCE EXAM. 2017
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/CIAE
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
113	1500117	NEETHU MOHAN	OBC	OPEN	IARI
114	1500112	MUKESH SANKAR S	GEN	ICAR	IARI
115	1500024	ARCHANA R	OBC	OPEN	IARI
116	1500146	RATHAN N D	OBC	OPEN	IARI
117	1500144	RANJIT SAROJ	SC	OPEN	IARI
118	1500008	AMAN TIGGA	ST (TR)	OPEN	IARI
119	1500128	NOOR E MUJJASSIM	PC(GEN)	OPEN	IARI
16-Microbiology					
120	1600002	ABIRAAMI T.V	OBC*	OPEN	IARI
121	1600058	NAITAM MAYUR GIRIDHAR	OBC*	OPEN	IARI
122	1600047	LAVANYA A K	ST	OPEN	IARI
123	1600028	DIYA ROY	SC	OPEN	IARI
124	1600114	VIKAS SHARMA	GEN	FUS	IARI
125	1600026	DHIVYA PRIYA THENAPPAN	OBC	OPEN	IARI
126	1600102	SRUTHY K S	OBC	OPEN	IARI
127	1600037	JOGDANDE SAI PRASAD	OBC	FUS	IARI
17-Molecular Biology and Biotechnology					
128	1700257	SOHAM CHOUDHURY	GEN	OPEN	IARI
129	1700263	SOUGATA BHATTACHARJEE	GEN	OPEN	IARI
130	1700115	LOITONGBAM ASHAKIRAN DEVI	OBC*	OPEN	IARI
131	1700046	BABLEE KUMARI SINGH	GEN	OPEN	IARI
132	1700007	ABINASH BISWAJIT SETHY	SC	OPEN	IARI
133	1700177	PRASHANT RAGHUNATH SHINGOTE	OBC	OPEN	IARI
134	1700217	SACHIN	OBC	OPEN	IARI
18-Nematology					
135	1800003	CHAITRA GANAPATI BHAT	GEN	OPEN	IARI
136	1800002	BOLLI VENU BABU	GEN	OPEN	IARI
137	1800011	NEERAJ	OBC	OPEN	IARI
138	1800010	NANDHINI T	OBC	OPEN	IARI
139	1800004	CHANDRAMANI DATTATRAYA WAGHMARE	SC	ICAR	IARI
19-Plant Genetic Resources					
140	1900012	PRABAKARAN S	OBC*	OPEN	IARI
141	1900009	MANJU KUMARI	OBC*	OPEN	IARI
142	1900021	SUNIL NAIK S	SC *	OPEN	IARI
143	1900001	ANTO JAMES	OBC	OPEN	IARI
144	1900004	DEEPAK D A	SC	OPEN	IARI
20-Plant Pathology					
145	2000060	KAVI SIDHARTHAN V	OBC*	OPEN	IARI
146	2000050	JAGDISH YADAV	OBC*	OPEN	IARI
147	2000088	OINAM WASHINGTON SINGH	OBC*	OPEN	IARI
148	2000034	DARSHAN K	OBC*	OPEN	IARI
149	2000150	VIMAL KUMAR C	SC	OPEN	IARI
150	2000011	AMRUTHA LAKSHMI M	OBC	OPEN	IARI
151	2000094	POTHIRAJ G	SC	OPEN	IARI

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ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph.D ENTRANCE EXAM. 2017
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/ICAE
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
152	2000026	BASAVARAJ CHILAZARI	PC(OBC)	OPEN	IARI
153	2000073	MADEM GURIVI REDDY	GEN	FUS	IARI
154	2000153	VIVEK KUMAR KHARE	ST	OPEN	IARI
21-Plant Physiology					
155	2100066	SANDEEP ADAVI B	GEN	OPEN	IARI
156	2100054	PRINCE CHOYAL	OBC	ICAR	IARI
157	2100011	BISWABIPLAB SINGH	GEN	OPEN	IARI
158	2100018	ELANGOVA N A	OBC*	OPEN	IARI
159	2100001	ADHIP DAS	SC	OPEN	IARI
160	2100015	DEVIKA S	OBC	OPEN	IARI
161	2100046	PAYAL PRIYADARSINI	OBC	OPEN	IARI
22-1-Post Harvest Technology-Post Harvest Technology of Horticultural Crops					
162	2210050	SWARAJYA LAXMI NAYAK	GEN	OPEN	IARI
163	2210054	UMA PRAJAPATI	SC*	OPEN	IARI
164	2210004	ANUSREE ANAND	GEN	OPEN	IIHR
165	2210037	SACHIN A J	OBC*	OPEN	IIHR
166	2210013	DEEP LATA	OBC	OPEN	IIHR
167	2210019	KARTHIK NAYAKA V S	ST (TR)	OPEN	IIHR
168	2210045	SINDHU C	SC	OPEN	IARI
22-2-Post Harvest Technology-Post Harvest Engineering and Technology					
169	2220076	VISHNU ANAND	GEN	OPEN	IARI
170	2220075	VIKONO KSH	OBC	OPEN	IARI
171	2220067	SELLAM PERINBAN	OBC	ICAR	IARI
172	2220071	SREENATHA A	GEN	FUS	IARI
23-Seed Science and Technology					
173	2300005	C BALACHANDAN GOWDA	OBC*	OPEN	IARI
174	2300025	SUNIL KUMAR	GEN	OPEN	IARI
175	2300007	DEBASHIS PAUL	OBC*	OPEN	IARI
176	2300018	NIPA BISWAS	SC	OPEN	IARI
177	2300024	SUNIL JADHAV	SC (TR)	OPEN	IARI
178	2300006	CHANDAN M N	ST (TR)	OPEN	IARI
179	2300011	JORRIGAL LAXMAN	OBC	OPEN	IARI
180	2300009	JAGADISH GOWDA K S	OBC	OPEN	IARI
24-Soil Science and Agricultural Chemistry					
181	2400002	ABINASH DAS	OBC *	OPEN	IARI
182	2400072	RAHUL MISHRA	GEN	OPEN	IARI
183	2400018	ASIK DUTTA	GEN	OPEN	IARI
184	2400012	ANKITA TRIVEDI	GEN	OPEN	IARI
185	2400067	PRITI TIGGA	ST*	OPEN	IARI
186	2400040	KHUSHBOO RANI	OBC	OPEN	IARI
187	2400077	RAVINDRA KUMAR REKWAR	SC	OPEN	IARI
188	2400092	SOURAV CHOUDHURY	OBC	OPEN	IARI
189	2400049	MUDAVATH RAVINDRA NAIK	ST	OPEN	IARI

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ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph .D ENTRANCE EXAM. 2017
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI/IIHR/ICAE
ACADEMIC YEAR 2017-18

S.NO.	ROLL NO.	NAME	CATEGORY	SCHEME	INSTITUTE
25-Vegetable Science					
190	2500118	VINAY N D	GEN	OPEN	IARI
191	2500052	LAXMAN LAKKAPPA NANDI	ST*	OPEN	IARI
192	2500099	SOURAV MAHAPATRA	OBC*	OPEN	IIHR
193	2500049	KOUSHIK SAHA	GEN	OPEN	IIHR
194	2500073	PRADEEP KUMAR MAURYA	OBC	OPEN	IARI
195	2500010	ARUN	OBC	OPEN	IARI
196	2500006	AMIT KUMAR MATHUR	SC	OPEN	IARI
197	2500112	SWAMINI BHOI	OBC	OPEN	IIHR
198	2500057	MANISHA	SC	OPEN	IIHR
26-Water Science and Technology					
199	2600014	SHIV SHANKER CHAUDHARI	OBC*	OPEN	IARI
200	2600001	BLESSY V A	GEN	OPEN	IARI
201	2600008	MADHAVANANDA GUNDAPPAGOL	GEN	OPEN	IARI
202	2600013	SANJU GIRIMALLA HULLOLI	OBC	OPEN	IARI
203	2600007	LOKNATH MAITRY	OBC	OPEN	IARI
204	2600005	HARI KRISHNA B	OBC	FUS	IARI

Note : 1. The result are provisional subject to the fulfillment of eligibility criteria laid down in the information bulletin.

2. * indicates seats under General Category filled by OBC/SC/ST candidates.
3. (TR) indicates transferred seats within the category from unfilled OBC/SC/ST.
4. ICAR: ICAR In-service nominee Scheme (Subjected to their selection in ICAR SRF examination with or without fellowship)
5. FUS: Faculty Upgradation Scheme for SAUs.
6. DS: Departmental Scientific.
7. PC: Physically Challenged

e. V. Singh
5/7/17

U. J. Singh
5/7/17

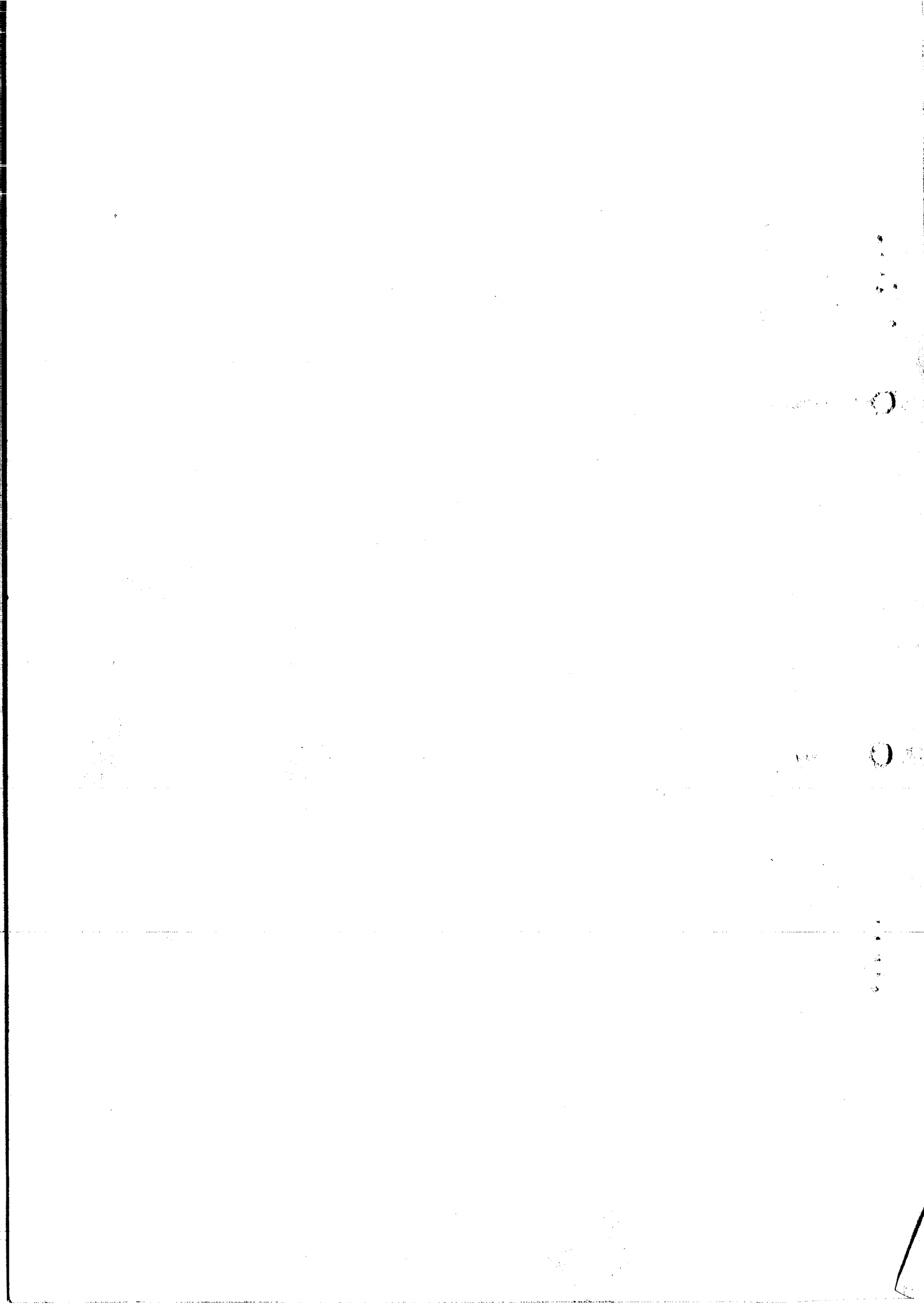
J. S. Singh
5/7/17

TABLE-1

DISCIPLINEWISE PROPOSED SEATS FOR PH.D.(2017-18)										DISCIPLINEWISE FILLED IN POSITION OF SEATS FOR PH.D.(2017-18)						
S.No	Discipline	GEN	OBC	SC	ST	PH	Total	GEN	OBC	SC	ST	PH	OTHERS	Total		
A. IARI, New Delhi																
1.	AGRICULTURAL CHEMICALS	3	2	1	1	0	6	3	0	1	0	0	0	4		
2.	AGRICULTURAL ECONOMICS	2	1	1	1	1	5	2	1	1	1	0	2	7		
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	0	0	0	0	1	1	0	0	0	1	0	1		
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	1	0	0	4	2	1	1	0	0	0	4		
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	1	0	0	0	3	2	1	0	0	0	0	3		
6.	AGRICULTURAL EXTENSION	3	1	1	1	1	6	3	1	1	1	1	0	6		
7.	AGRICULTURAL PHYSICS	3	1	1	0	1	5	3	0	0	1	0	0	4		
8.	AGRICULTURAL STATISTICS	4	2	1	1	1	8	4	1	1	0	0	0	6		
9.	AGRONOMY	4	2	1	1	0	8	4	4	1	1	1	3	13		
10.	BIOCHEMISTRY	3	1	1	1	0	5	3	1	0	0	0	0	4		
11.	BIOINFORMATICS	2	0	1	1	1	4	2	0	1	0	0	0	3		
12.	COMPUTER APPLICATION	3	2	2	0	0	5	3	2	0	0	0	1	6		
13.	ENTOMOLOGY	2	1	1	1	0	5	2	3	1	1	0	2	9		
14.	ENVIRONMENTAL SCIENCES	3	1	1	1	0	5	3	1	1	0	0	0	5		
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	0	0	1	0	3	2	0	0	1	0	0	3		
16.	FRUIT SCIENCE	2	2	1	1	0	5	2	2	1	0	0	1	6		
17.	GENETICS AND PLANT BREEDING	4	4	2	1	1	11	4	4	2	2	1	3	15		
18.	MICROBIOLOGY	2	2	1	1	1	6	2	2	1	1	0	2	8		
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	2	1	1	0	7	4	2	1	0	0	0	7		
20.	NEMATOLOGY	2	2	0	0	0	4	2	2	0	0	0	1	5		
21.	PLANT GENETIC RESOURCES	3	1	1	1	0	5	3	1	1	0	0	0	5		
22.	PLANT PATHOLOGY	4	2	2	1	1	9	4	2	2	1	1	1	10		
23.	PLANT PHYSIOLOGY	3	2	1	1	0	6	3	2	1	0	0	1	7		
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	0	1	0	0	3	2	0	1	0	0	0	3		
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	1	1	0	0	0	2	1	1	0	0	0	2	4		
26.	SEED SCIENCE AND TECHNOLOGY	3	2	1	1	0	6	3	2	2	1	0	0	8		
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	5	2	1	1	1	9	5	2	1	1	0	0	9		
28.	VEGETABLE SCIENCE	2	2	1	1	0	5	2	2	1	0	0	0	5		
29.	WATER SCIENCE AND TECHNOLOGY	3	2	0	0	0	5	3	2	0	0	0	1	6		
Total-A		79	42	23	12	5	156	79	42	23	12	5	20	176		
B. CIAE, Bhopal																
a.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	3	1	1	1	1	6	3	1	1	1	0	0	6		
b.	AGRICULTURAL ENGG. (Farm Power & Equipment)	3	2	1	0	0	6	3	2	1	0	0	0	6		
Total-B		6	3	2	1	1	12	6	3	2	1	0	0	12		
C. IIHR, Bangalore																
a.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	1	0	0	0	3	2	1	0	0	0	0	3		
b.	FRUIT SCIENCE	2	2	0	0	0	4	2	2	1	0	0	0	5		
c.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	1	1	0	0	4	2	1	0	1	0	0	4		
d.	VEGETABLE SCIENCE	2	1	1	1	1	5	2	1	1	0	0	0	4		
Total-C		8	5	2	1	1	16	8	5	2	1	0	0	16		
Grand Total		93	50	27	14	7	184	93	50	27	14	5	20	204		

DISCIPLINEWISE PROPOSED SEATS FOR PH.D.(2017-18)

DISCIPLINEWISE FILLED IN POSITION OF SEATS FOR PH.D.(2017-18)



2018-19		No. of Students	Amount	Number of Students	Amount
				(M.Sc.) 153	23510400
	SRF-ICAR	19	6696000	(Ph.D.) 90	32736000
	DBT	6	2232000		
	DST	7	2604000		
	CSIR	8	2976000		
	National Fellowship (ST)	4	1488000		
	National Fellowship (SC)	0	0		
	National Fellowship (OBC)	35	13020000		
	Moulana Azad National Fellows	1	372000		
	UGC NET-JRF	16	496000		

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-II/82-02/M.Sc & Ph.D/2022-2023/

Dated 21.11.2022

OFFICE ORDER

This is to certify that the students who had been admitted during the academic session 2017-2018, 2018-2019, 2019-2020, 2020-2021 and 2021-2022 at ICAR-IARI, New Delhi were awarded different fellowship as per list enclosed.


Sr. Registrar
कुल सचिव (शिक्षणिक)
Registrar (Academic)
स्नातकोत्तर विद्यालय,
Post Graduate School,
भा.कृ.अनु.सं., नई दिल्ली-12
IARI, New Delhi-12

Encl : As above

M.SC & PH.D. LIST FOR ADMITTED YEAR-2018

SR. NO.	YR. ADMN	COURSE	DATE ENROL	ROLL NO	DISCIPLINE	NAME OF THE STUDENT
1.	2018	M.Sc. (Agri.)	29-09-2018	21176	POST HARVEST TECHNOLOGY	Ms. SUBHASHREE SUBHADARSHINEE
2.	2018	M.Sc. (Agri.)	28-09-2018	21168	PLANT PATHOLOGY	AKSHAY KUMAR H M
3.	2018	M.Sc. (Agri.)	01-10-2018	21169	PLANT PATHOLOGY	Ms. HARITHA MOHAN M
4.	2018	M.Sc. (Agri.)	27-09-2018	21170	PLANT PHYSIOLOGY	SAMRAT DAS
5.	2018	M.Sc. (Agri.)	29-09-2018	21171	PLANT PHYSIOLOGY	ALOK KUMAR CHOURASIYA
6.	2018	M.Sc. (Agri.)	01-10-2018	21172	PLANT PHYSIOLOGY	PRATHEEK H P
7.	2018	M.Sc. (Agri.)	29-09-2018	21173	PLANT PHYSIOLOGY	RAVITEJA D H
8.	2018	M.Sc. (Agri.)	01-10-2018	21167	PLANT PATHOLOGY	KATRAVATH SRINIVAS
9.	2018	M.Sc. (Agri.)	01-10-2018	21175	POST HARVEST TECHNOLOGY	Ms. SOWMYA SHREE A
10.	2018	M.Sc. (Agri.)	29-09-2018	21163	PLANT PATHOLOGY	MANJUNATH SHIVAPPA NIDONI
11.	2018	M.Sc. (Agri.)	08-10-2018	21177	POST HARVEST TECHNOLOGY	GANAPATI RATHOD
12.	2018	M.Sc. (Agri.)	01-10-2018	21178	POST HARVEST TECHNOLOGY	PAVANKUMAR M
13.	2018	M.Sc. (Agri.)	28-09-2018	21180	SEED SCIENCE AND TECHNOLOGY	YAMANAPPA
14.	2018	M.Sc. (Agri.)	01-10-2018	21181	SEED SCIENCE AND TECHNOLOGY	SHAHIL KUMAR
15.	2018	M.Sc. (Agri.)	01-10-2018	21182	SEED SCIENCE AND TECHNOLOGY	Ms. CHAITHANYA G
16.	2018	M.Sc. (Agri.)	28-09-2018	21174	PLANT PHYSIOLOGY	DATA RAM SAINI
17.	2018	M.Sc. (Agri.)	28-09-2018	21157	NEMATOLOGY	PRASANNA MURTHY TS
18.	2018	M.Sc. (Agri.)	27-09-2018	21149	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SAMAR DEB
19.	2018	M.Sc. (Agri.)	29-09-2018	21150	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. PRIYANKA KUMARI
20.	2018	M.Sc. (Agri.)	27-09-2018	21151	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	JEET ROY
21.	2018	M.Sc. (Agri.)	29-09-2018	21152	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. ASHIKA DEBBARMA
22.	2018	M.Sc. (Agri.)	27-09-2018	21153	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. TAMILARASI M
23.	2018	M.Sc. (Agri.)	28-09-2018	21154	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SOVANLAL SAHU
24.	2018	M.Sc. (Agri.)	28-09-2018	21165	PLANT PATHOLOGY	Ms. MEHULEE SARKAR
25.	2018	M.Sc. (Agri.)	01-10-2018	21156	NEMATOLOGY	SANTHOSHKUMAR E K
26.	2018	M.Sc. (Agri.)	01-10-2018	21166	PLANT PATHOLOGY	Ms. AKSHAYA C K
27.	2018	M.Sc. (Agri.)	09-10-2018	21158	NEMATOLOGY	PUNEETH KUMAR KJ
28.	2018	M.Sc. (Agri.)	28-09-2018	21159	PLANT GENETIC RESOURCES	SIDDHANT RANJAN PADHI
29.	2018	M.Sc. (Agri.)	29-09-2018	21161	PLANT GENETIC RESOURCES	G J ABHISHEK
30.	2018	M.Sc. (Agri.)	01-10-2018	50037	GENETICS AND PLANT BREEDING	HARISHA T
31.	2018	M.Sc. (Agri.)	28-09-2018	21164	PLANT PATHOLOGY	Ms. MANISHA DUHAN
32.	2018	M.Sc. (Agri.)	28-09-2018	21061	AGRICULTURAL CHEMICALS	DEBABRATA GHOSHAL
33.	2018	M.Sc. (Agri.)	27-09-2018	21155	NEMATOLOGY	AKARSH T M
34.	2018	M.Sc. (Agri.)	28-09-2018	60035	GENETICS AND PLANT BREEDING	SHRIDHAR RAGI
35.	2018	M.Sc. (Agri.)	28-09-2018	21186	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	AMIT KUMAR DASH
36.	2018	M.Sc. (Agri.)	28-09-2018	21187	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. POOJA NAIN
37.	2018	M.Sc. (Agri.)	28-09-2018	21188	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RISHBH KUMAR DIDAWAT
38.	2018	M.Sc. (Agri.)	29-09-2018	21189	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SURYA PRAKASH YADAV
39.	2018	M.Sc. (Agri.)	28-09-2018	21194	WATER SCIENCE AND TECHNOLOGY	ANKIT
40.	2018	M.Sc. (Agri.)	01-10-2018	21195	WATER SCIENCE AND TECHNOLOGY	GOKULRAJ S

41.	2018	M.Sc. (Agri.)	01-10-2018	50038	GENETICS AND PLANT BREEDING	Ms. AMRITA THOMAS
42.	2018	M.Sc. (Agri.)	29-09-2018	60032	AGRONOMY	SMRUTI RANJAN PADHAN
43.	2018	M.Sc. (Agri.)	28-09-2018	21183	SEED SCIENCE AND TECHNOLOGY	PATE TALO
44.	2018	M.Sc. (Agri.)	29-09-2018	60034	AGRONOMY	SACHIN SINGH
45.	2018	M.Sc. (Agri.)	28-09-2018	60036	GENETICS AND PLANT BREEDING	DEEPAK T HURALI
46.	2018	M.Sc. (Agri.)	28-09-2018	60037	GENETICS AND PLANT BREEDING	SAIKAT CHOWDHURY
47.	2018	M.Sc. (Agri.)	28-09-2018	60038	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SOURAV DAS
48.	2018	M.Sc. (Agri.)	29-09-2018	60039	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RAJ KUMAR MEENA
49.	2018	M.Sc. (Agri.)	28-09-2018	60040	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	VINAYKUMAR N S
50.	2018	M.Sc. (Agri.)	28-09-2018	60033	AGRONOMY	Ms. KOUSALYA H M
51.	2018	M.Sc. (Agri.)	29-09-2018	21063	AGRICULTURAL CHEMICALS	KEERTHIRAJ M
52.	2018	M.Sc. (Agri.)	01-10-2018	50039	GENETICS AND PLANT BREEDING	DANAKUMARA T
53.	2018	M.Sc. (Agri.)	28-09-2018	21160	PLANT GENETIC RESOURCES	CHETHAN KUMAR K B
54.	2018	M.Sc. (Agri.)	27-09-2018	50036	AGRONOMY	VENUGOPAL REDDY S
55.	2018	M.Sc. (Agri.)	29-09-2018	50035	AGRONOMY	Ms. SASMITA TRIPATHY
56.	2018	M.Sc. (Agri.)	28-09-2018	50041	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	MANAS BARMAN
57.	2018	M.Sc. (Agri.)	27-09-2018	50040	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SAYON MUKHERJEE
58.	2018	M.Sc. (Agri.)	08-10-2018	21185	SEED SCIENCE AND TECHNOLOGY	NARENDER PAL
59.	2018	M.Sc. (Agri.)	29-09-2018	21062	AGRICULTURAL CHEMICALS	TALAVIYA HARSHANGKUMAR GOVINDBHAI
60.	2018	M.Sc. (Agri.)	01-10-2018	21184	SEED SCIENCE AND TECHNOLOGY	MAHESH BADIGER
61.	2018	M.Sc. (Agri.)	27-09-2018	21064	AGRICULTURAL CHEMICALS	Ms. SHREOSI BISWAS
62.	2018	M.Sc. (Agri.)	28-09-2018	21065	AGRICULTURAL CHEMICALS	PARTHA CHANDRA MONDAL
63.	2018	M.Sc. (Agri.)	28-09-2018	21066	AGRICULTURAL ECONOMICS	Ms. KAVITHA H N
64.	2018	M.Sc. (Agri.)	29-09-2018	21069	AGRICULTURAL ECONOMICS	JAGADEESH M S
65.	2018	M.Sc. (Agri.)	01-10-2018	21067	AGRICULTURAL ECONOMICS	Ms. SHENAZ RASHEED
66.	2018	M.Sc. (Agri.)	29-09-2018	21068	AGRICULTURAL ECONOMICS	THRILOK BELLI BM
67.	2018	M.Sc. (Agri.)	27-09-2018	21148	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ANKAN CHAKRABORTY
68.	2018	M.Sc. (Agri.)	27-09-2018	50042	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ASHEESH KUMAR
69.	2018	M.Sc. (Agri.)	29-09-2018	21105	BIOCHEMISTRY	SOHEL RAHAMAN
70.	2018	M.Sc. (Agri.)	28-09-2018	21112	COMPUTER APPLICATION	TAMAL KUNDU
71.	2018	M.Sc. (Agri.)	29-09-2018	21098	AGRONOMY	BISWAJIT RANA
72.	2018	M.Sc. (Agri.)	01-10-2018	21162	PLANT GENETIC RESOURCES	VENUGOPALA GOWDA R
73.	2018	M.Sc. (Agri.)	29-09-2018	21100	AGRONOMY	Ms. MUNNY CHINYO
74.	2018	M.Sc. (Agri.)	27-09-2018	21146	MICROBIOLOGY	DIPANKAR CHOWDHURY
75.	2018	M.Sc. (Agri.)	27-09-2018	21102	BIOCHEMISTRY	Ms. DEEPANYETA GOSWAMI
76.	2018	M.Sc. (Agri.)	28-09-2018	21096	AGRICULTURAL STATISTICS	Ms. ANUSHAKA GARG
77.	2018	M.Sc. (Agri.)	27-09-2018	21104	BIOCHEMISTRY	Ms. SHREYA MANDAL
78.	2018	M.Sc. (Agri.)	28-09-2018	21095	AGRICULTURAL STATISTICS	B. MANJUNATHA
79.	2018	M.Sc. (Agri.)	28-09-2018	21106	BIOINFORMATICS	SHARANBASAPPA
80.	2018	M.Sc. (Agri.)	27-09-2018	21107	BIOINFORMATICS	Ms. PARINITA DAS
81.	2018	M.Sc. (Agri.)	05-10-2018	21108	BIOINFORMATICS	RAMESH KRISHNA V
82.	2018	M.Sc. (Agri.)	08-10-2018	21109	BIOINFORMATICS	MAILARALINGA
83.	2018	M.Sc. (Agri.)	01-10-2018	21110	BIOINFORMATICS	AMAR ALLAPPA TAMBAKU

84.	2018	M.Sc. (Agri.)	01-10-2018	21111	COMPUTER APPLICATION	Ms. SAHANA M R
85.	2018	M.Sc. (Agri.)	27-09-2018	21103	BIOCHEMISTRY	MANIKANTA N
86.	2018	M.Sc. (Agri.)	27-09-2018	21087	AGRICULTURAL PHYSICS	Ms. NANDITA MANDAL
87.	2018	M.Sc. (Agri.)	28-09-2018	21079	AGRICULTURAL EXTENSION	NADIM KHAN
88.	2018	M.Sc. (Agri.)	28-09-2018	21080	AGRICULTURAL EXTENSION	VISHWANATHA B P
89.	2018	M.Sc. (Agri.)	28-09-2018	21081	AGRICULTURAL EXTENSION	PRAVEEN KUMAR
90.	2018	M.Sc. (Agri.)	29-09-2018	21082	AGRICULTURAL EXTENSION	MANISH PARMAR
91.	2018	M.Sc. (Agri.)	28-09-2018	21083	AGRICULTURAL EXTENSION	SUDIP KUMAR GORAI
92.	2018	M.Sc. (Agri.)	01-10-2018	21084	AGRICULTURAL EXTENSION	Ms. TH. D. GRACE CHIRU
93.	2018	M.Sc. (Agri.)	28-09-2018	21097	AGRONOMY	SANDEEP KUMAR
94.	2018	M.Sc. (Agri.)	27-09-2018	21086	AGRICULTURAL PHYSICS	TRIDIV GHOSH
95.	2018	M.Sc. (Agri.)	29-09-2018	21101	AGRONOMY	PREETHAM GOWDA BP
96.	2018	M.Sc. (Agri.)	28-09-2018	21088	AGRICULTURAL PHYSICS	Ms. SHREYA GUPTA
97.	2018	M.Sc. (Agri.)	28-09-2018	21090	AGRICULTURAL STATISTICS	APPAJI PUNDALIK NAIK
98.	2018	M.Sc. (Agri.)	28-09-2018	21091	AGRICULTURAL STATISTICS	BIJOY CHANDA
99.	2018	M.Sc. (Agri.)	01-10-2018	21092	AGRICULTURAL STATISTICS	A ANIL KUMAR
100.	2018	M.Sc. (Agri.)	28-09-2018	21093	AGRICULTURAL STATISTICS	RISHABH SINGH SHYAM
101.	2018	M.Sc. (Agri.)	28-09-2018	21094	AGRICULTURAL STATISTICS	SANDIP GARAI
102.	2018	M.Sc. (Agri.)	28-09-2018	21085	AGRICULTURAL PHYSICS	Ms. SONIYA DAGAR
103.	2018	M.Sc. (Agri.)	01-10-2018	21123	ENVIRONMENTAL SCIENCES	KHAIRDI AFTAB AKHALAKAHMED
104.	2018	M.Sc. (Agri.)	27-09-2018	21099	AGRONOMY	KIRANMOY PATRA
105.	2018	M.Sc. (Agri.)	28-09-2018	21138	GENETICS AND PLANT BREEDING	RAMESH
106.	2018	M.Sc. (Agri.)	27-09-2018	21139	GENETICS AND PLANT BREEDING	Ms. AMBIKA
107.	2018	M.Sc. (Agri.)	01-10-2018	21140	GENETICS AND PLANT BREEDING	Ms. NUNAVATH ASWINI
108.	2018	M.Sc. (Agri.)	29-09-2018	21141	GENETICS AND PLANT BREEDING	AMARESH
109.	2018	M.Sc. (Agri.)	01-10-2018	21142	GENETICS AND PLANT BREEDING	KUNAPURI REDDAIAH
110.	2018	M.Sc. (Agri.)	05-10-2018	21143	MICROBIOLOGY	Ms. ADITI
111.	2018	M.Sc. (Agri.)	28-09-2018	21127	ENVIRONMENTAL SCIENCES	PANKAJ KUMAR PATEL
112.	2018	M.Sc. (Agri.)	29-09-2018	21113	COMPUTER APPLICATION	LALIT BIRLA
113.	2018	M.Sc. (Agri.)	28-09-2018	21124	ENVIRONMENTAL SCIENCES	SIBANANDA DARJEE
114.	2018	M.Sc. (Agri.)	28-09-2018	21137	GENETICS AND PLANT BREEDING	Ms. HARSHITHA B S
115.	2018	M.Sc. (Agri.)	05-10-2018	21122	ENVIRONMENTAL SCIENCES	MACHANURU RAVITEJA
116.	2018	M.Sc. (Agri.)	27-09-2018	21117	ENTOMOLOGY	ADRISH DEY
117.	2018	M.Sc. (Agri.)	01-10-2018	21114	COMPUTER APPLICATION	Ms. V T SHALINI
118.	2018	M.Sc. (Agri.)	29-09-2018	21125	ENVIRONMENTAL SCIENCES	Ms. BABETLANG KHARSHIING
119.	2018	M.Sc. (Agri.)	29-09-2018	21116	COMPUTER APPLICATION	HARSH SACHAN
120.	2018	M.Sc. (Agri.)	27-09-2018	21121	ENTOMOLOGY	PRATHIKSH V
121.	2018	M.Sc. (Agri.)	28-09-2018	21118	ENTOMOLOGY	Ms. VUNGARALA L PRASANNA SRAVANI
122.	2018	M.Sc. (Agri.)	29-09-2018	21145	MICROBIOLOGY	Ms. SHREYA VIRMANI
123.	2018	M.Sc. (Agri.)	01-10-2018	21144	MICROBIOLOGY	ANNAYYA
124.	2018	M.Sc. (Agri.)	01-10-2018	21119	ENTOMOLOGY	RAMAJI
125.	2018	M.Sc. (Agri.)	29-09-2018	21120	ENTOMOLOGY	CHIDHANANDA H V
126.	2018	M.Sc. (Agri.)	01-10-2018	21115	COMPUTER APPLICATION	Ms. SOWNDARYA C A
127.	2018	M.Sc. (Hort.)	28-09-2018	60041	VEGETABLE SCIENCE	Ms. SUSHMITHA L C

128	2018	M.Sc. (Hort.)	28-09-2018	60042	VEGETABLE SCIENCE	RAVI GAUTAM
129	2018	M.Sc. (Hort.)	28-09-2018	21193	VEGETABLE SCIENCE	Ms. KOWSALYA K B
130	2018	M.Sc. (Hort.)	01-10-2018	21192	VEGETABLE SCIENCE	PRADEEPKUMARA N
131	2018	M.Sc. (Hort.)	27-09-2018	21191	VEGETABLE SCIENCE	Ms. SARYU KAUSHAL
132	2018	M.Sc. (Hort.)	28-09-2018	21135	FRUIT SCIENCE	HANAMANT
133	2018	M.Sc. (Hort.)	29-09-2018	50044	VEGETABLE SCIENCE	KOKU K. TARA
134	2018	M.Sc. (Hort.)	29-09-2018	21133	FRUIT SCIENCE	MHETRE VISHAL BALASAHEB
135	2018	M.Sc. (Hort.)	29-09-2018	21132	FRUIT SCIENCE	LALIT SINGH SISODIA
136	2018	M.Sc. (Hort.)	29-09-2018	21131	FRUIT SCIENCE	Ms. CHAITHRA T S
137	2018	M.Sc. (Hort.)	01-10-2018	21130	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. LAVANYA VN
138	2018	M.Sc. (Hort.)	29-09-2018	21129	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. VAISHALI C
139	2018	M.Sc. (Hort.)	01-10-2018	21190	VEGETABLE SCIENCE	HARISHANAIAK T N
140	2018	M.Sc. (Hort.)	01-10-2018	21134	FRUIT SCIENCE	Ms. CHANDANA M R
141	2018	M.Sc. (Hort.)	01-10-2018	21128	FLORICULTURE AND LANDSCAPE ARCHITECTURE	KARTHIK H C
142	2018	M.Sc. (Hort.)	01-10-2018	50045	VEGETABLE SCIENCE	Ms. RAKSHITHA K N
143	2018	M.Sc. (Hort.)	01-10-2018	50043	VEGETABLE SCIENCE	SULOCHANA K H
144	2018	M.Tech.	01-10-2018	21075	AGRICULTURAL ENGINEERING	AMIT KUMAR
145	2018	M.Tech.	29-09-2018	21179	POST HARVEST TECHNOLOGY	PATIL RAJWARDHAN KIRAN
146	2018	M.Tech.	28-09-2018	21077	AGRICULTURAL ENGINEERING	MANABRAJ MANNA
147	2018	M.Tech.	28-09-2018	21078	AGRICULTURAL ENGINEERING	RUPESH KUMAR
148	2018	M.Tech.	28-09-2018	21071	AGRICULTURAL ENGINEERING	ANNI KUMAR SINGH
149	2018	M.Tech.	08-10-2018	21072	AGRICULTURAL ENGINEERING	JAGJEET SINGH
150	2018	M.Tech.	28-09-2018	21073	AGRICULTURAL ENGINEERING	SRIKANTHNAIK J
151	2018	M.Tech.	29-09-2018	21074	AGRICULTURAL ENGINEERING	RAMKISHOR KURMI
152	2018	M.Tech.	28-09-2018	21070	AGRICULTURAL ENGINEERING	SAURAV KUMAR
153	2018	M.Tech.	29-09-2018	21076	AGRICULTURAL ENGINEERING	SATPUTE AJAY NARAYANRAO
154	2018	Ph.D.	07-08-2018	11367	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SHAZIYA SULTANA
155	2018	Ph.D.	27-07-2018	11176	AGRICULTURAL ENGINEERING	PANKAJ MALKANI
156	2018	Ph.D.	27-07-2018	11187	AGRICULTURAL ENGINEERING	VENKATESH
157	2018	Ph.D.	27-07-2018	11166	AGRICULTURAL ENGINEERING	ABHINAV DUBEY
158	2018	Ph.D.	27-07-2018	11159	AGRICULTURAL CHEMICALS	Ms. SUTANWA SAHA
159	2018	Ph.D.	27-07-2018	11158	AGRICULTURAL CHEMICALS	AJITH. M
160	2018	Ph.D.	27-07-2018	11157	AGRICULTURAL CHEMICALS	DEBDAS CHAND
161	2018	Ph.D.	27-07-2018	11156	AGRICULTURAL CHEMICALS	KAILASH PATI TRIPATHI
162	2018	Ph.D.	06-08-2018	11366	ENTOMOLOGY	ANAND HARSHANA
163	2018	Ph.D.	21-08-2018	11369	ENVIRONMENTAL SCIENCES	SETHUPATHI.N.
164	2018	Ph.D.	27-08-2018	11370	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	WAGHAMARE SANDESH TULSHIRAM
165	2018	Ph.D.	20-08-2018	11365	AGRICULTURAL ENGINEERING	JYOTIRMAJ MAHAPATRA
166	2018	Ph.D.	27-07-2018	11155	AGRICULTURAL CHEMICALS	ARKA DEB MUKHOPADHYAY
167	2018	Ph.D.	27-07-2018	11221	AGRONOMY	RAJESH KUMAR
168	2018	Ph.D.	27-07-2018	11192	AGRICULTURAL ENGINEERING	ATISH SAGAR
169	2018	Ph.D.	27-07-2018	11193	AGRICULTURAL ENGINEERING	KETHAVATH AJAYKUMAR
170	2018	Ph.D.	27-07-2018	11194	AGRICULTURAL ENGINEERING	Ms. RADHIKA SAHU

171	2018	Ph.D.	27-07-2018	11200	AGRICULTURAL EXTENSION	Ms. ANA RAJ J
172	2018	Ph.D.	27-07-2018	11205	AGRICULTURAL PHYSICS	VIMAL KUMAR
173	2018	Ph.D.	27-07-2018	11211	AGRICULTURAL STATISTICS	Ms. SAYANTANI KARMAKAR
174	2018	Ph.D.	27-07-2018	11218	AGRONOMY	Ms. AYESHA FATIMA
175	2018	Ph.D.	27-07-2018	11161	AGRICULTURAL ECONOMICS	MUTHUPRASAD T
176	2018	Ph.D.	27-07-2018	11220	AGRONOMY	MANU S M
177	2018	Ph.D.	27-07-2018	11188	AGRICULTURAL ENGINEERING	ALOK GUPTA
178	2018	Ph.D.	27-07-2018	11226	BIOINFORMATICS	AAMIR KHAN
179	2018	Ph.D.	27-07-2018	11232	COMPUTER APPLICATION	RAMESH PRAJAPAT
180	2018	Ph.D.	27-07-2018	11241	ENTOMOLOGY	ANIL
181	2018	Ph.D.	27-07-2018	11240	ENTOMOLOGY	MOGILI RAMAIAH
182	2018	Ph.D.	27-07-2018	11243	ENTOMOLOGY	KIRANKUMAR G N
183	2018	Ph.D.	27-07-2018	11244	ENTOMOLOGY	GOPALAKRISHNAN R
184	2018	Ph.D.	27-07-2018	11248	ENVIRONMENTAL SCIENCES	Ms. PRIYANKA MEENA
185	2018	Ph.D.	27-07-2018	11252	ENVIRONMENTAL SCIENCES	Ms. PRATIBHA PARAKSH
186	2018	Ph.D.	27-07-2018	11219	AGRONOMY	VIJAY PRATAP
187	2018	Ph.D.	27-07-2018	11174	AGRICULTURAL ENGINEERING	MATHANGI RAJA SEK HAR
188	2018	Ph.D.	27-07-2018	11178	AGRICULTURAL ENGINEERING	AMAN MAHORE
189	2018	Ph.D.	27-07-2018	11163	AGRICULTURAL ECONOMICS	B J GIRIDHAR
190	2018	Ph.D.	27-07-2018	11164	AGRICULTURAL ECONOMICS	SRINATHA T N
191	2018	Ph.D.	27-07-2018	11165	AGRICULTURAL ECONOMICS	NAVEEN KUMAR NAIK
192	2018	Ph.D.	27-07-2018	11167	AGRICULTURAL ENGINEERING	RAM PRAKASH KUMAR
193	2018	Ph.D.	27-07-2018	11168	AGRICULTURAL ENGINEERING	RAJEEV RANJAN THAKUR
194	2018	Ph.D.	27-07-2018	11169	AGRICULTURAL ENGINEERING	Ms. PURAMSHETTI LAVANYA
195	2018	Ph.D.	27-07-2018	11170	AGRICULTURAL ENGINEERING	Ms. MONIKA SATANKAR
196	2018	Ph.D.	27-07-2018	11191	AGRICULTURAL ENGINEERING	Ms. SHEEJA P S
197	2018	Ph.D.	27-07-2018	11172	AGRICULTURAL ENGINEERING	SAWANT SANKET RAMNATH
198	2018	Ph.D.	27-07-2018	11189	AGRICULTURAL ENGINEERING	ABHISHEK PATEL
199	2018	Ph.D.	27-07-2018	11175	AGRICULTURAL ENGINEERING	Ms. LALITA
200	2018	Ph.D.	27-07-2018	11177	AGRICULTURAL ENGINEERING	MOHIT KUMAR
201	2018	Ph.D.	27-07-2018	11180	AGRICULTURAL ENGINEERING	NALAWADE ROHIT DILIP
202	2018	Ph.D.	27-07-2018	11181	AGRICULTURAL ENGINEERING	MUKESH KUMAR CHOUDHARY
203	2018	Ph.D.	27-07-2018	11182	AGRICULTURAL ENGINEERING	ABHISHEK KUMAR
204	2018	Ph.D.	27-07-2018	11183	AGRICULTURAL ENGINEERING	BHAGWAN SINGH NARWARIYA
205	2018	Ph.D.	27-07-2018	11185	AGRICULTURAL ENGINEERING	JAGJEET SINGH
206	2018	Ph.D.	27-07-2018	11258	FLORICULTURE AND LANDSCAPE ARCHITECTURE	CHANDER PRAKASH
207	2018	Ph.D.	27-07-2018	11171	AGRICULTURAL ENGINEERING	Ms. KANUPRIYA CHOUDHARY
208	2018	Ph.D.	27-07-2018	11343	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	KAVITHA PANDU JADHAV
209	2018	Ph.D.	27-07-2018	11253	FLORICULTURE AND LANDSCAPE ARCHITECTURE	BIBIN POULOSE
210	2018	Ph.D.	30-07-2018	11322	PLANT PHYSIOLOGY	Ms. SHASHI MEENA
211	2018	Ph.D.	27-07-2018	11324	PLANT PHYSIOLOGY	VIJAY R
212	2018	Ph.D.	27-07-2018	11325	POST HARVEST TECHNOLOGY	Ms. MONIKA G TOTAD
213	2018	Ph.D.	27-07-2018	11326	POST HARVEST TECHNOLOGY	Ms. POOJA B K
214	2018	Ph.D.	27-07-2018	11333	SEED SCIENCE AND TECHNOLOGY	Ms. JAYASRI S

215	2018	Ph.D.	27-07-2018	11334	SEED SCIENCE AND TECHNOLOGY	Ms. PREETI SAGAR NEGI
216	2018	Ph.D.	27-07-2018	11340	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	NAVEENKUMAR A
217	2018	Ph.D.	27-07-2018	11319	PLANT PHYSIOLOGY	PANDURANG RAGHUNATH DIVTE
218	2018	Ph.D.	27-07-2018	11342	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	JYOTIRMAYA SAHOO
219	2018	Ph.D.	27-07-2018	11316	PLANT PATHOLOGY	MADHU G S
220	2018	Ph.D.	27-07-2018	11347	VEGETABLE SCIENCE	Ms. IPSITA PANIGRAHI
221	2018	Ph.D.	27-07-2018	11349	VEGETABLE SCIENCE	RAMESHWAR MEENA
222	2018	Ph.D.	27-07-2018	11350	VEGETABLE SCIENCE	Ms. SAHANA K P
223	2018	Ph.D.	27-07-2018	11354	VEGETABLE SCIENCE	VISHWANATH BIDARAMALI
224	2018	Ph.D.	27-07-2018	11356	WATER SCIENCE AND TECHNOLOGY	Ms. MAHEKPREET KAUR
225	2018	Ph.D.	27-07-2018	11357	WATER SCIENCE AND TECHNOLOGY	Ms. NEHA SINGHAL
226	2018	Ph.D.	27-07-2018	11360	WATER SCIENCE AND TECHNOLOGY	Ms. SMITA JAISWAL
227	2018	Ph.D.	27-07-2018	11206	AGRICULTURAL STATISTICS	Ms. GARIMA SINGH
228	2018	Ph.D.	27-07-2018	11341	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	GANPAT LOUHAR
229	2018	Ph.D.	27-07-2018	11281	MICROBIOLOGY	SHRINIKETAN PURANIK
230	2018	Ph.D.	27-07-2018	11359	WATER SCIENCE AND TECHNOLOGY	ASHOK IRAPPA HALLI
231	2018	Ph.D.	27-07-2018	11261	FRUIT SCIENCE	NARENDRA SINGH
232	2018	Ph.D.	27-07-2018	11263	FRUIT SCIENCE	Ms. REENA PRUSTY
233	2018	Ph.D.	27-07-2018	11266	FRUIT SCIENCE	JADHAV AMOL KAILAS
234	2018	Ph.D.	27-07-2018	11273	GENETICS AND PLANT BREEDING	RAHUL KUMAR
235	2018	Ph.D.	27-07-2018	11275	GENETICS AND PLANT BREEDING	ASHVINKUMAR KATRAL
236	2018	Ph.D.	27-07-2018	11277	GENETICS AND PLANT BREEDING	SURESH YADAV
237	2018	Ph.D.	27-07-2018	11278	GENETICS AND PLANT BREEDING	PALAPARTHI DHARMATEJA
238	2018	Ph.D.	27-07-2018	11321	PLANT PHYSIOLOGY	Ms. MALINI M K
239	2018	Ph.D.	27-07-2018	11280	GENETICS AND PLANT BREEDING	GANGADHARA K N
240	2018	Ph.D.	27-07-2018	11256	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. PRIYA YADAV
241	2018	Ph.D.	27-07-2018	11282	MICROBIOLOGY	Ms. BABAN PREET KOUR
242	2018	Ph.D.	27-07-2018	11284	MICROBIOLOGY	VIKRAM K V
243	2018	Ph.D.	27-07-2018	11285	MICROBIOLOGY	NISHANTH. S
244	2018	Ph.D.	27-07-2018	11292	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. CHITRA JOSHI
245	2018	Ph.D.	27-07-2018	11294	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SAAKRE MANJESH
246	2018	Ph.D.	27-07-2018	11296	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. MONIKA BHARATI
247	2018	Ph.D.	27-07-2018	11300	NEMATOLOGY	Ms. SOWMYA R
248	2018	Ph.D.	27-07-2018	11305	PLANT GENETIC RESOURCES	ASWIN M
249	2018	Ph.D.	27-07-2018	11279	GENETICS AND PLANT BREEDING	Ms. VINITA RAMTEKEY
250	2018	Ph.D.	27-07-2018	11255	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. POOJA. A
251	2018	Ph.D.	27-07-2018	11231	COMPUTER APPLICATION	Ms. LAKSHMI SONKUSALE
252	2018	Ph.D.	27-07-2018	11234	ENTOMOLOGY	Ms. GEETHU S.
253	2018	Ph.D.	27-07-2018	11235	ENTOMOLOGY	RANJITH H.V.
254	2018	Ph.D.	27-07-2018	11236	ENTOMOLOGY	TANMAYA KUMAR BHOI
255	2018	Ph.D.	27-07-2018	11237	ENTOMOLOGY	Ms. ARYA P.S.
256	2018	Ph.D.	27-07-2018	11246	ENVIRONMENTAL SCIENCES	PARTHA PRATIM MAITY
257	2018	Ph.D.	27-07-2018	11247	ENVIRONMENTAL SCIENCES	JITU MANDOL

258	2018	Ph.D.	27-07-2018	11162	AGRICULTURAL ECONOMICS	NIRANJAN SIVALINGAM
259	2018	Ph.D.	27-07-2018	11254	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. UZMA MEHRAJ
260	2018	Ph.D.	27-07-2018	11228	COMPUTER APPLICATION	Ms. DEBDALI CHOWDHURY
261	2018	Ph.D.	27-07-2018	11259	FRUIT SCIENCE	Ms. SHWETA K HADAKAR
262	2018	Ph.D.	27-07-2018	11260	FRUIT SCIENCE	PRASAD SHIVAPPA KAROSHI
263	2018	Ph.D.	27-07-2018	11264	FRUIT SCIENCE	NAVEEN KUMAR MAURYA
264	2018	Ph.D.	27-07-2018	11268	GENETICS AND PLANT BREEDING	SUMAN DUTTA
265	2018	Ph.D.	27-07-2018	11269	GENETICS AND PLANT BREEDING	ABHIJITH K.P.
266	2018	Ph.D.	27-07-2018	11270	GENETICS AND PLANT BREEDING	LIMBALKAR OMKAR MAHARUDRA
267	2018	Ph.D.	27-07-2018	11271	GENETICS AND PLANT BREEDING	NILESH JOSHI
268	2018	Ph.D.	27-07-2018	11272	GENETICS AND PLANT BREEDING	HARSHAVARDHANA Y.S.
269	2018	Ph.D.	27-07-2018	11249	ENVIRONMENTAL SCIENCES	CHANDRA PRAKASH
270	2018	Ph.D.	27-07-2018	11215	AGRONOMY	SHUBHAM MARAK
271	2018	Ph.D.	27-07-2018	11195	AGRICULTURAL EXTENSION	Ms. AISWARYA S.
272	2018	Ph.D.	27-07-2018	11196	AGRICULTURAL EXTENSION	RAHUL MANDAL
273	2018	Ph.D.	27-07-2018	11204	AGRICULTURAL PHYSICS	MOHAMMED SHAFEEQ P.M.
274	2018	Ph.D.	27-07-2018	11207	AGRICULTURAL STATISTICS	KAPIL CHOUDHARY
275	2018	Ph.D.	27-07-2018	11208	AGRICULTURAL STATISTICS	JITENDRA KUMAR
276	2018	Ph.D.	27-07-2018	11209	AGRICULTURAL STATISTICS	SANDIPAN SARKAR
277	2018	Ph.D.	27-07-2018	11210	AGRICULTURAL STATISTICS	MAHALINGARAYA
278	2018	Ph.D.	27-07-2018	11212	AGRONOMY	VARATHARAJAN T
279	2018	Ph.D.	27-07-2018	11230	COMPUTER APPLICATION	VIVEK KUMAR
280	2018	Ph.D.	27-07-2018	11214	AGRONOMY	SOMANATH NAYAK
281	2018	Ph.D.	27-07-2018	11229	COMPUTER APPLICATION	VAIJANATH SHIVALINGAPPA KUMAS
282	2018	Ph.D.	27-07-2018	11216	AGRONOMY	NIRAJ BISWAKARMA
283	2018	Ph.D.	27-07-2018	11217	AGRONOMY	RADHESHYAM
284	2018	Ph.D.	27-07-2018	11222	BIOCHEMISTRY	PRATHAP V.
285	2018	Ph.D.	27-07-2018	11223	BIOCHEMISTRY	Ms. JOSHNA JOSE
286	2018	Ph.D.	27-07-2018	11224	BIOCHEMISTRY	THAKARE SWAPNIL SHARADRAO
287	2018	Ph.D.	27-07-2018	11225	BIOINFORMATICS	Ms. ANKITA NEGI
288	2018	Ph.D.	27-07-2018	11227	BIOINFORMATICS	DIPRO SINHA
289	2018	Ph.D.	27-07-2018	11283	MICROBIOLOGY	SHIVARANJAN C S
290	2018	Ph.D.	27-07-2018	11213	AGRONOMY	BISWARANJAN BEHERA
291	2018	Ph.D.	27-07-2018	11338	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	AJIN S. ANIL
292	2018	Ph.D.	27-07-2018	11274	GENETICS AND PLANT BREEDING	SUNIL KUMAR V.P.
293	2018	Ph.D.	27-07-2018	11327	POST HARVEST TECHNOLOGY	GOWTHAM R.
294	2018	Ph.D.	27-07-2018	11328	SEED SCIENCE AND TECHNOLOGY	NIRANJAN PRASAD H.P.
295	2018	Ph.D.	27-07-2018	11329	SEED SCIENCE AND TECHNOLOGY	SATISH KUMAR
296	2018	Ph.D.	27-07-2018	11330	SEED SCIENCE AND TECHNOLOGY	Ms. KARABI BANIA
297	2018	Ph.D.	27-07-2018	11331	SEED SCIENCE AND TECHNOLOGY	PRAVEEN KUMAR YADAV
298	2018	Ph.D.	27-07-2018	11332	SEED SCIENCE AND TECHNOLOGY	DILSHAD AHMAD
299	2018	Ph.D.	27-07-2018	11335	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ANSHUMAN DAS
300	2018	Ph.D.	27-07-2018	11320	PLANT PHYSIOLOGY	DIPANKAR BARMAN

301	2018	Ph.D.	27-07-2018	11337	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	MD. BASIT RAZA
302	2018	Ph.D.	27-07-2018	11318	PLANT PHYSIOLOGY	BIRENDRA KUMAR PADHAN
303	2018	Ph.D.	27-07-2018	11339	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. ATHULYA S.
304	2018	Ph.D.	27-07-2018	11344	VEGETABLE SCIENCE	Ms. BHANUSHREE N.
305	2018	Ph.D.	27-07-2018	11345	VEGETABLE SCIENCE	ABHAY VIKRAM SINGH
306	2018	Ph.D.	27-07-2018	11346	VEGETABLE SCIENCE	PUNEETH P.V.
307	2018	Ph.D.	27-07-2018	11348	VEGETABLE SCIENCE	YOGANANDA H.S.
308	2018	Ph.D.	27-07-2018	11352	VEGETABLE SCIENCE	HARISHA S.M.
309	2018	Ph.D.	27-07-2018	11355	WATER SCIENCE AND TECHNOLOGY	MANJUNATH DALI
310	2018	Ph.D.	27-07-2018	11358	WATER SCIENCE AND TECHNOLOGY	RAGHAV MAURYA
311	2018	Ph.D.	27-07-2018	11336	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	KINGSHUK MODAK
312	2018	Ph.D.	27-07-2018	11304	PLANT GENETIC RESOURCES	PUNEETH G.M.
313	2018	Ph.D.	27-07-2018	11186	AGRICULTURAL ENGINEERING	Ms. ASHA K.R.
314	2018	Ph.D.	27-07-2018	11286	MICROBIOLOGY	ANIL KUMAR
315	2018	Ph.D.	27-07-2018	11289	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	NILADRI BARMAN
316	2018	Ph.D.	27-07-2018	11290	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	BIPRATIP DUTTA
317	2018	Ph.D.	27-07-2018	11293	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	AKASH PAUL
318	2018	Ph.D.	27-07-2018	11295	AGRICULTURAL CHEMICALS	Ms. TAKU MONYA
319	2018	Ph.D.	27-07-2018	11297	NEMATOLOGY	AMIT AHUJA
320	2018	Ph.D.	27-07-2018	11298	NEMATOLOGY	VINAY K.Y.
321	2018	Ph.D.	27-07-2018	11323	PLANT PHYSIOLOGY	Ms. NISHA
322	2018	Ph.D.	27-07-2018	11303	PLANT GENETIC RESOURCES	P. PRABHU
323	2018	Ph.D.	27-07-2018	11276	GENETICS AND PLANT BREEDING	VIJAY KAMAL MEENA
324	2018	Ph.D.	27-07-2018	11306	PLANT GENETIC RESOURCES	NAVAL KISHOR MEENA
325	2018	Ph.D.	27-07-2018	11307	PLANT PATHOLOGY	JAGMOHAN SINGH
326	2018	Ph.D.	27-07-2018	11308	PLANT PATHOLOGY	NAVEEN NAYAKA S.
327	2018	Ph.D.	27-07-2018	11309	PLANT PATHOLOGY	SHREENATH Y.S.
328	2018	Ph.D.	27-07-2018	11310	PLANT PATHOLOGY	Ms. ASHARANI PATEL
329	2018	Ph.D.	27-07-2018	11312	PLANT PATHOLOGY	PRASHANTHA S.T.
330	2018	Ph.D.	27-07-2018	11313	PLANT PATHOLOGY	VINEETH VIJAYAN
331	2018	Ph.D.	27-07-2018	11315	PLANT PATHOLOGY	MRUTYUNJAYA S.
332	2018	Ph.D.	27-07-2018	11302	PLANT GENETIC RESOURCES	LAXMISHA K.M.
333	2018	Ph.D.	27-07-2018	11203	AGRICULTURAL PHYSICS	DEBASISH ROY
334	2018	Ph.D.	27-07-2018	11197	AGRICULTURAL EXTENSION	Ms. GANGUBAI S. MANAGULI
335	2018	Ph.D.	27-07-2018	11198	AGRICULTURAL EXTENSION	MANJUNATH H.
336	2018	Ph.D.	27-07-2018	11199	AGRICULTURAL EXTENSION	SANJAY KUMAR GUPTA
337	2018	Ph.D.	27-07-2018	11310	PLANT PATHOLOGY	Ms. ASHARANI PATEL
338	2018	Ph.D.	27-07-2018	11312	PLANT PATHOLOGY	PRASHANTHA S.T.
339	2018	Ph.D.	27-07-2018	11201	AGRICULTURAL PHYSICS	SUNNY ARYA

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012


No. PGS-I/1-408/AC/2018

January 7, 2019

ENDORSEMENT

A copy of the proceedings of the 408th meeting of the Academic Council held on 14th December, 2018 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council and concerned Officers (By name) _____
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Master of Halls of Residences, P.G. School Hostel Office
5. Sr. Admn. Officer, IMC (For members of Board of Management)
6. PS to Director/PS to Dean & Joint Director (Edn.), IARI/PS to Registrar/PS to Comptroller
7. Dr. S.K. Tyagi, Chief Technical Officer, P G School
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I


(K.C. Joshi) 7/1/19
Registrar

**PROCEEDINGS OF THE 408th MEETING OF THE ACADEMIC COUNCIL
HELD ON DECEMBER 14, 2018 AT 11.00 AM IN THE CONFERENCE
HALL OF PROF. M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI -
110012**

The following members were present:

1. Dr. A.K. Singh, Director (Additional charge), IARI	Chairman
2. Dr. J.P. Sharma, Joint Director (Extn.)/ J.D.(Res.) and Dean & J.D. (Edn.)(Additional charge) IARI	Vice- Chairman
3. Dr. H.S. Gaur, Former Vice-Chancellor, SVPUA&T, Meerut	Member
4. Dr. S.K. Datta, Former DDG(CS), ICAR	Member
5. Dr. M.R. Dinesh, Director, IIHR	Member
6. Dr. Man Singh, Project Director (Acting), WTC and Professor, WST	Member
7. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
8. Dr.(Ms.) Shashi Bala Singh, Professor, Agricultural Chemicals	Member
9. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
10. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
11. Dr. V.K. Sehgal, Professor, Agricultural Physics	Member
12. Dr. T.K. Das, Professor, Agronomy	Member
13. Dr. (Ms.) Aruna Tyagi, Professor, Biochemistry	Member
14. Dr. Subhas Chander, Professor, Entomology	Member
15. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
16. Dr. K.P. Singh, Professor, Floriculture and Landscape	Member
17. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
18. Dr. R.C. Bhattacharya, Professor, MBB	Member
19. Dr. M.R. Khan, Professor, Nematology	Member
20. Dr.(Ms.) Veena Gupta, Professor, PGR	Member
21. Dr. Madan Pal Singh, Professor, Plant Physiology	Member
22. Dr. S.K. Jain, Professor, Seed Science & Technology	Member
23. Dr. S.P. Datta, Professor, SS&AC	Member
24. Dr. T.K. Behera, Professor, Vegetable Science	Member
25. Dr. Anil Sirohi, MOHR, PG Hostels	Member
26. Mr. Sanchal Bilgrami, Comptroller, IARI	Member
27. Dr. A. Nagaraja, Senior Scientist, Fruit Science and Faculty Representative to the Academic Council	Member
28. Dr. Mahesh C. Yadav, Principal Scientist, NBPGR and Faculty Representative to the Academic Council	Member
29. Mrs. Rajshree Anand, Incharge, IARI Library	Member
30. Mr. B.R. Tribhuvan, President, PGSSU	Member
31. Ms. Priti Priyadarshni, Students' Representative to the AC	Member
32. Mr. K.C. Joshi, Registrar & Joint Director (Admn.)	Member Secretary

Leave of absence was sought and granted to the following members:

1. Dr. N.S. Rathore, Deputy Director General (Edn.)	Member
2. Dr. P.K. Joshi, Director, South Asia, IFPRI	Member
3. Dr. A.K. Singh, Former Vice-Chancellor, RVSKVV, Gwalior	Member
4. Dr. K.K. Singh, Director, CIAE, Bhopal	Member
5. Dr. Kuldeep Singh, Director, NBPGR	Member
6. Dr. N.K. Singh, Director, NRCPB (Additional Charge)	Member
7. Dr. L.M. Bhar, Director, IASRI (Additional Charge)	Member
8. Dr. P.R. Ojasvi, Director, IISWC, Dehradun(Additional Charge)	Member
9. Dr. Seema Jaggi, Professor, Agricultural Statistics	Member
10. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics	Member
11. Dr. A.R. Rao Professor, Bioinformatics	Member

12. Dr. Sudeep Marwaha, Professor, Computer Application	Member
13. Dr. O.P. Awasthi, Professor, Fruit Science	Member
14. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
15. Dr.(Mrs.) Radha Prasanna, Professor, Microbiology	Member

Dr. J.P. Sharma, Joint Director(Extn.)/Joint Director(Res.)/Dean and Joint Director (Edn.)(Additional Charge) extended a formal welcome to Dr. A.K. Singh, Director; IARI(Additional Charge) and Chairman, Academic Council. Thereafter, Dr. A.K. Singh, Chairman of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. The Chairman also welcomed the new members of the Academic Council attending the meeting for the first time:

New members

1. Dr. J.P. Sharma as Dean & Joint Director (Edn.) (Additional Charge)
2. Dr. T.K. Das, Professor, Agronomy
3. Dr. (Mrs.) Veena Gupta, Professor, Plant Genetic Resources
4. Mrs. Rajshree Anand, Incharge, IARI Library
5. Mr. B.R. Tribhuvan, newly elected President, PGSSU
6. Ms. Priti Priyadarshni, newly elected Student Representative to the Academic Council

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. R.K. Jain, Former Dean and Joint Director (Edn.), IARI
2. Dr. P.K. Mishra, Former Director, IISWC, Dehradun
3. Dr. Y.S. Shivay, Former Professor, Agronomy
4. Dr. Sunil Pabbi, Former Professor, Microbiology
5. Dr.(Mrs.) Rekha Chaudhury, Former Professor, Plant Genetic Resources
6. Mr. Anil Kulshrestha, Former Incharge, IARI Library
7. Mr. Satish Naik, Former President, PGSSU
8. Ms. Priyanka Upreti, Student Representative to the Academic Council

The Director and Chairman, Academic Council apprised the Academic Council about the educational achievements viz. students admissions at IARI/IARI-Jharkhand & Assam and PG outreach Programmes at CIAE, Bhopal; Signing of MoUs with ICAR Institutes; special lectures arranged; Foundation Stone Laying of International student hostel and Kissan Haat by Honorable Union Minister of Agriculture and Farmers' Welfare, Shri Radha Mohan Singh Ji and Institution building activities in other countries.

Thereafter, the following agenda items were taken up for consideration:

Agenda Item No.	Description of Agenda Items
408.1	Confirmation of the proceedings of the 407 th meeting of the Academic Council held on July 7, 2018
408.2	Action Taken Report on the Proceedings of 407 th meeting of the Academic Council held on July 7, 2018
408.3	Recommendations of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 29.10.2018
408.4	Recommendations of the Standing Committee on Courses Curricula and Academic Affairs made in its meeting held on 03.12.2018

408.6	Finalization of the Academic Calendar for the 62 nd Academic Session 2019-20
408.7	Finalization of "Convocation Week" programme
408.8	List of candidates who have become eligible for the award of their respective degrees of M.Sc., M.Tech. and Ph.D.
408.9	Finalization of number of seats and eligibility qualification for admission to M.Sc., M.Tech. and Ph.D. degree programmes for the Academic Session 2019-20
408.10	Renewal of all the four Standing Committees' composition of the Academic Council for the period of two years (2019-20)
408.11	Any other item with the permission of the Chair

Agenda Item No. 408.1: Confirmation of the proceedings of the 407th meeting of the Academic Council held on 7.7.2018

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 407th meeting. Comments received from Professor, Plant Pathology on marking scheme on the approved guidelines for IARI awards was considered by the Academic Council at Agenda Item No.408.4.3. Since no other comment was there, the proceedings of the previous meeting was confirmed.

Agenda Item No. 408.2: Report on action taken on the proceedings of the 407th meeting of the Academic Council held on 7.7.2018

Action taken report was presented by the Dean and Joint Director (Education).

Agenda Item No. 408.3: Consideration of the proceedings of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 29.10.2018.

The Academic Council approved the following recommendations of Standing Committee. The decision of Chairman, Academic Council on disbursement of Scholarship was also ratified by the Academic Council.

408.3.1 As per P.G. School Calendar para 15.3.3, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. (*Commencement of the Academic Year 2018-19 is 30.07.2018*)

408.3.2 Award of Institute Sr. Scholarship @ Rs.13,125/- per month + Rs.10,000/- per annum as contingent grant to 156 candidates admitted at IARI, New Delhi.

S.No.	NAME OF THE STUDENT	ROLL NO.	DISCIPLINE	DATE OF ENROLMENT
1	ARKADEB MUKHOPADHYAY	11155	AGRICULTURAL CHEMICALS	27/07/2018
2	KAILASH PATI TRIPATHI	11156	"	27/07/2018
3	DEBDAS CHAND	11157	"	27/07/2018
4	AJITH M	11158	"	28/07/2018
5	SUTANWA SAHA	11159	"	27/07/2018
6	SUDAMA RAM SAHU	11160	"	27/07/2018
7	MUTHUPRASAD T	11161	AGRICULTURAL ECONOMICS	27/07/2018
8	NIRANJAN SIVALINGAM	11162	"	27/07/2018
9	BJ GIRIDHAR	11163	"	27/07/2018
10	SRINATHA T N	11164	"	27/07/2018
11	NAVEEN KUMAR NAIK	11165	"	27/07/2018

12	ABHINAV DUBEY	11166	AGRICULTURAL ENGINEERING	27/07/2018
13	MONIKA SATANKAR	11170	"	27/07/2018
14	PANKAJ MALKANI	11176	"	27/07/2018
15	MOHIT KUMAR	11177	"	27/07/2018
16	MUKESH KUMAR CHOUDHARY	11181	"	27/07/2018
17	ASHA K R	11186	"	27/07/2018
18	VENKATESH	11187	"	27/07/2018
19	ALOK GUPTA	11188	"	27/07/2018
20	SHEEJA P.S	11191	"	27/07/2018
21	ATISH SAGAR	11192	"	27/07/2018
22	KETHAVATH AJAYKUMAR	11193	"	27/07/2018
23	RADHIKA SAHU	11194	"	27/07/2018
24	AISWARYA S	11195	AGRICULTURAL EXTENSION	27/07/2018
25	Gangu Bai Shivappa Manguli	11197	"	27/07/2018
26	MANJUNATH H	11198	"	27/07/2018
27	SANJAY KUMAR GUPTA	11199	"	27/07/2018
28	ANA RAJ J	11200	"	27/07/2018
29	SUNNY ARYA	11201	AGRICULTURAL PHYSICS	27/07/2018
30	SUJAN ADAK	11202	"	27/07/2018
31	DEBASISH ROY	11203	"	27/07/2018
32	MOHAMMED SHAFEEQ P M	11204	"	27/07/2018
33	VIMAL KUMAR	11205	"	27/07/2018
34	VARATHARAJAN T	11212	AGRONOMY	27/07/2018
35	SOMANATH NAYAK	11214	"	27/07/2018
36	SHUBHAM MARAK	11215	"	27/07/2018
37	NIRAJ BISWAKARMA	11216	"	27/07/2018
38	RADHESHYAM	11217	"	27/07/2018
39	AYESHA FATIMA	11218	"	27/07/2018
40	VIJAY PRATAP	11219	"	27/07/2018
41	MANU S M	11220	"	27/07/2018
42	RAJESH KUMAR	11221	"	27/07/2018
43	PRATHAP V	11222	BIOCHEMISTRY	27/07/2018
44	JOSHNA JOSE	11223	"	27/07/2018
45	SWAPNIL S. THAKARE	11224	"	27/07/2018
46	RANJITH H V	11235	ENTOMOLOGY	27/07/2018
47	TANMAYA KUMAR BHOI	11236	"	27/07/2018
48	ARYA PS	11237	"	27/07/2018
49	GAURAV SINGH	11238	"	27/07/2018
50	MOGILI RAMAIAH	11240	"	27/07/2018
51	ANIL	11241	"	28/07/2018
52	KIRAN KUMAR	11243	"	28/07/2018
53	GOPALAKRISHNAN	11244	"	27/07/2018
54	ANAND HARSHANA	11366	"	6/8/2018
55	PARTHA PRATIM MAITY	11246	ENVIRONMETAL SCIENCE	27/07/2018
56	JITU MANDOL	11247	"	27/07/2018
57	PRIYANKA MEENA	11248	"	27/07/2018
58	CHANDRA PRAKASH	11249	"	27/07/2018
59	PRATIBHA PRAKASH	11252	"	27/07/2018
60	SETHUPATHI.N.	11369	"	21/07/2018
61	BIBIN POULOSE	11253	FLORICULTURE AND LANDSCAPING	27/07/2018
62	UZMA MEHRAJ	11254	"	27/07/2018
63	POOJA A	11255	"	27/07/2018
64	PRIYA YADAV	11256	"	27/07/2018
65	NEERAJ SINGH NEGI	11257	"	27/07/2018
66	CHANDER PRAKASH	11258	"	27/07/2018
67	SHWETA K HADAKAR	11259	FRUIT SCIENCE	27/07/2018
68	PRASAD SHIVAPPA KAROSHI	11260	"	27/07/2018
69	NARENDRA SINGH	11261	"	27/07/2018
70	REENA PRUSTY	11263	"	27/07/2018
71	NAVEEN KUMAR MAURYA	11264	"	27/07/2018
72	KULDEEP PANDEY	11265	"	27/07/2018
73	AMOL KAILAS JADHAV	11266	"	27/07/2018
74	SUMAN DUTTA	11268	GENETICS AND PLANT BREEDING	27/07/2018
75	ABHIJITH K P	11269	"	27/07/2018

76	LIMBALKAR O. MAHARUDRA	11270	"	27/07/2018
77	NILESH JOSHI	11271	"	27/07/2018
78	HARSHAVARDHANA Y S	11272	"	27/07/2018
79	RAHUL KUMAR	11273	"	27/07/2018
80	SUNILKUMAR V P	11274	"	27/07/2018
81	ASHVINKUMAR KATRAL	11275	"	27/07/2018
82	VIJAY KAMAL MEENA	11276	"	27/07/2018
83	SURESH YADAV	11277	"	27/07/2018
84	DHARMATEJA PALAPARTHI	11278	"	27/07/2018
85	VINITA RAMTEKEY	11279	"	27/07/2018
86	GANGADHARA K N	11280	"	27/07/2018
87	SHRINIKETAN PURANIK	11281	MICROBIOLOGY	27/07/2018
88	BABAN PREET KOUR	11282	"	27/07/2018
89	SHIVARANJAN C S	11283	"	27/07/2018
90	VIKRAM K V	11284	"	27/07/2018
91	NISHANTH S	11285	"	27/07/2018
92	ANIL KUMAR	11286	"	27/07/2018
93	NILADRI BARMAN	11289	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/07/2018
94	BIPRATIP DUTTA	11290	"	27/07/2018
95	AKASH PAUL	11293	"	27/07/2018
96	SAAKRE MANJESH	11294	"	27/07/2018
97	TAKU MONYA	11295	"	27/07/2018
98	SHAZIYA SULTANA	11367	"	8/8/2018
99	WAGHAMARE SANDESH T.	11370	"	27/08/2018
100	AMIT AHUJA	11297	NEMATOTOLOGY	27/07/2018
101	VINAY K Y	11298	"	27/07/2018
102	SOWMYA R	11300	"	27/07/2018
103	AJAY SINGH SINDHU	11301	"	27/07/2018
104	LAXMISHA K M	11302	PLANT GENETIC RESOURCES	27/07/2018
105	PRABHU P	11303	"	27/07/2018
106	PUNEETH G M	11304	"	27/07/2018
107	ASWIN M	11305	"	27/07/2018
108	NAVAL KISHOR MEENA	11306	"	27/07/2018
109	JAGMOHAN SINGH	11307	PLANT PATHOLOGY	27/07/2018
110	NAVEEN NAYAKA S	11308	"	27/07/2018
111	SHREENATH Y S	11309	"	27/07/2018
112	ASHARANI PATEL	11310	"	27/07/2018
113	PRASHANTHA S T	11312	"	27/07/2018
114	VINEETH VIJAYAN	11313	"	28/07/2018
115	MRUTYUNJAYA S	11315	"	27/07/2018
116	MADHU G S	11316	"	27/07/2018
117	BIRENDRA KUMAR PADHAN	11318	PLANT PHYSIOLOGY	27/07/2018
118	PANDURANG RAGHUNATH D	11319	"	27/07/2018
119	DIPANKAR BARMAN	11320	"	27/07/2018
120	MALINI MK	11321	"	27/07/2018
121	NISHA	11323	"	27/07/2018
122	VIJAY R	11324	"	27/07/2018
123	MONIKA G TOTAD	11325	POST HARVEST AND TECHNOLOGY	27/07/2018
124	POOJA B. K.	11326	"	27/07/2018
125	GOWTHAM R	11327	"	27/07/2018
126	NIRANJAN PRASAD H P	11328	SEED SCIENCE AND TECHNOLOGY	27/07/2018
127	SATISH KUMAR	11329	"	27/07/2018
128	KARABI BANIA	11330	"	27/07/2018
129	PRAVEEN KUMAR YADAV	11331	"	27/07/2018
130	DILSHAD AHMAD	11332	"	27/07/2018
131	JAYASRI S	11333	"	27/07/2018
132	PREETI SAGAR NEGI	11334	"	27/07/2018
133	ANSHUMAN DAS	11335	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	27/07/2018
134	KINGSHUK MODAK	11336	"	27/07/2018
135	MD BASIT RAZA	11337	"	27/07/2018
136	AJIN S ANIL	11338	"	27/07/2018
137	ATHULYA S	11339	"	27/07/2018
138	NAVEEN KUMAR A	11340	"	27/07/2018
139	GANPAT LOUHAR	11341	"	27/07/2018

140	JYOTIRMAYA SAHOO	11342	"	27/07/2018
141	KAVITHA PANDU JADHAV	11343	"	27/07/2018
142	BHANUSHREE N	11344	VEGETABLE SCIENCE	27/07/2018
143	ABHAY VIKRAM SINGH	11345	"	27/07/2018
144	PUNEETH P V	11346	"	27/07/2018
145	IPSITA PANIGRAHI	11347	"	27/07/2018
146	YOGANANDA H S	11348	"	27/07/2018
147	RAMESHWAR MEENA	11349	"	27/07/2018
148	SAHANA K P	11350	"	27/07/2018
149	HARISHA S M (FUS)	11352	"	27/07/2018
150	VISHWANATH BIDARAMALI	11354	"	27/07/2018
151	MANJUNATH DALI	11355	WATER SCIENCE AND TECHNOLOGY	27/07/2018
152	MAHEKPREET KAUR	11356	"	27/07/2018
153	NEHA SINGHAL	11357	"	27/07/2018
154	RAGHAV MAURYA	11358	"	27/07/2018
155	ASHOK IRAPPA HALLI	11359	"	27/07/2018
156	SMITA JAISWAL	11360	"	27/07/2018

408.3.3 Award of Institute Sr. Scholarship @ Rs.13,125/- per month + Rs.10,000/- per annum as contingent grant to the following 13 students admitted at CIAE, Bhopal under IARI PG Outreach Programme

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	RAM P KUMAR	11167	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018
2.	RAJEEV R THAKUR	11168	"	27/07/2018
3.	LAVANYA PURAMSHETTI	11169	"	27/07/2018
4.	KANUPRIYA CHOUDHARY	11171	"	27/07/2018
5.	RAJASEKHAR MATHANGI	11174	"	27/07/2018
6.	LALITA	11175	"	27/07/2018
7.	AMAN MAHORE	11178	AGRICULTURAL ENGINEERING(FP&E)	27/07/2018
8.	NALAWADE ROHIT DILIP	11180	"	27/07/2018
9.	ABHISHEK KUMAR	11182	"	27/07/2018
10.	BHAGWAN SINGH NARWARIYA	11183	"	27/07/2018
11.	JAGJEET SINGH	11185	"	27/07/2018
12.	JYOTIRMAY MAHAPATRA	11365		27/07/2018
13.	ABHISHEK PATEL	11189	AGRICULTURAL ENGINEERING(S&WCE)	27/07/2018

408.3.4 Award of Institute Sr. Scholarship @ Rs. 3,000/- per month + Rs. 10,000/- per annum as contingent grant to the following 7 students who were admitted under Faculty Up-gradation Scheme/ICAR-Inservice-Scheme.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	PRABHULINGA T, CICR Nagpur, ICAR In service	11242	ENTOMOLOGY	27/08/2018
2.	RAJENDER JATOTH, PJTSAU, Aswaraopet, FUS	11317	PLANT PATHOLOGY	27/07/2018
3.	PADMANABHA K, Univ.Hort.S, Bagalkot, FUS	11351	VEGETABLE SCIENCE	27/07/2018
4.	HIRA SINGH, PAU, Ludhiana, FUS	11353	"	27/07/2018
5.	ARUDRA SRINIVASA RAO, ANGRAU, Guntur, FUS	11184	AGRICULTURAL ENGINEERING(FP&E)	27/07/2018
6.	MONALISHA PRAMANIK, IISWC, Dehradun, ICAR In service	11361	WATER SCIENCE AND TECHNOLOGY	27/08/2018
7.	YADAV RAHUL SUBHASH, DFR, Pune(Enrolled at CIAE, Bhopal), ICAR In service	11173	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018

408.3.5 Award of Contingent grant only @ Rs.10,000/- per annum to the following four students who were admitted under Departmental-Scientific Scheme.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	NAYAN DEEPAK G, Fruit Sci., IARI, New Delhi	11267	FRUIT SCIENCE	27/08/2018
2.	SHEEL YADAV, NBPGR, New Delhi	11291	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/07/2018
3.	SHASHI MEENA, Pl. Physiology, IARI, New Delhi	11322	PLANT PHYSIOLOGY	30/07/2018
4.	RAKESH KUMAR, NCIPM, New Delhi	11245	ENTOMOLOGY	27/07/2018

408.3.6 Following 14 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Sr. Scholarship from IASRI.

S.N O.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	GARIMA SINGH	11206	AGRICULTURAL STATISTICS	27/07/2018
2.	KAPIL CHOUDHARY	11207	"	27/07/2018
3.	JITENDRA KUMAR	11208	"	27/07/2018
4.	SANDIPAN SARKAR	11209	"	27/07/2018
5.	MAHALINGARAYA	11210	"	27/07/2018
6.	SAYANTANI KARMAKAR	11211	"	27/07/2018
7.	ANKITA NEGI	11225	BIOINFORMATICS	27/07/2018
8.	AAMIR KHAN	11226	"	27/07/2018
9.	DIPRO SINHA	11227	"	27/07/2018
10.	DEBDALI CHOWDHURY	11228	COMPUTER APPLICATION	27/07/2018
11.	VAIJANATH S. KUMASAGI	11229	"	27/07/2018
12.	VIVEK KUMAR	11230	"	27/07/2018
13.	LAKSHMI MAHADEV SONKUSALE	11231	"	27/07/2018
14.	RAMESH PRAJAPAT	11232	"	27/07/2018

408.3.7 The Standing Committee **did not recommend** award of Institute Sr. Scholarship to the following six students as they have already availed the benefit of Scholarship during their last admission at IARI and left the course incomplete. Further, the Standing Committee was also of the view that necessary recovery on account of Surety Bond etc. as per rule may also be made from these students, if still due. Further to avoid second time award of fellowship, a suitable undertaking to the effect that the students has not availed the benefit of Scholarship earlier from or through IARI/ICAR, may be obtained.

S.NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	ASLAM LATIF PATHAN	11190	AGRICULTURAL ENGINEERING(S&WCE)	25/08/2018
2.	DARSHAN MANIKRAO KADAM	11262	FRUIT SCIENCE	27/08/2018
3.	SUHAS GORAKH KARKUTE	11288	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/08/2018
4.	MANOJ KUMAR YADAV	11311	PLANT PATHOLOGY	27/08/2018
5.	HEMAVATI RANEBENNUR	11314	"	27/08/2018
6.	SAWANT RAMNATH SANKET	11172	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018

President, PGSSU apprised that Mr. Sawant Ramnath Sanket at Sr. No.6 above is not an inservice candidate hence should be awarded Scholarship. The Academic Council was of the opinion that the issue may be examined by P.G. School for further consideration of Chairman, Academic Council.

408.3.8 During the current academic session 2018-19, Education Division of ICAR referred 155 candidates for admission to M.Sc. degree programmes in different disciplines at IARI through online counseling held during September-October 2018. Out of 155, two students did not report for admission. In addition to this, two students have taken admission as Departmental candidates.

The candidates who are not awarded ICAR P.G. Scholarship are considered for award of Institute Scholarship. This year M.Sc./M.Tech. students were admitted late in September-October 2018. Award of ICAR-PG Scholarship is yet to be decided by the Education Division, ICAR. To avoid hardship to these students, the Academic Council has decided to pay them also from IARI funds subject to necessary adjustment on obtaining funds for ICAR- P.G. Scholarship from ICAR .

Agenda Item No. 408.4: Consideration of the proceedings of the meeting of the Standing Committee on Course Curricula and Academic Affairs held on 03.12.2018

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

408.4.1 Existing and proposed codes of FHT/FLA/VSC disciplines as suggested by Professors of respective disciplines

The Academic Council approved the uniformity of the codes for the following six courses:

Existing Course Codes	Name of the Course	Trim ester	Credits	Proposed Course Codes
HORT502/HORT502/VSC504	NUTRITIONAL REQUIREMENT OF HORTICULTURAL CROPS	I	3L+1P	FSC506/FLA506/VSC506
HORT501/FLA570/VSC570	BASIC HORTICULTURE	I	3L+2P	FSC507/FLA507/VSC507
HORT601/HORT601/VSC670	EXPORT ORIENTED HORTICULTURE	I	3L+1P	FSC603/FLA603/VSC603
HORT611/FLA672/VSC672	PROTECTED CULTIVATION OF HORTICULTURAL CROPS	II	3L+1P	FSC612/FLA612/VSC612
HORT622/FLA674/VSC674	PLANT TISSUE CULTURE IN THE IMPROVEMENT OF HORTICULTURAL CROPS	III	2L+2P	FSC625/FLA625/VSC625
HORT521/HORT521/VSC673	GROWTH AND DEVELOPMENT OF HORTICULTURAL CROPS	II	3L+1P	FSC523/FLA523/VSC523

408.4.2 Introduction of two New Courses (i) FSC 621: Advances in Growth and Development of Fruit Crops (ii) FSC 604: Hi-Tech Fruit Production

The Academic Council approved two new courses; (i) FSC 621 (3L+1P) - Advances in Growth and Development of Fruit Crops and (ii) FSC 604 (4L+0P) - Hi-Tech Fruit Production in the discipline of Fruit Science.

408.4.3 Consideration of the request of Professor, Plant Pathology on allocation of marks for publications in different awards of the Institute

The Academic Council discussed the proposal and approved that the Corresponding author may also get equal marks as that of first author of research paper.

408.4.4 The issue of compulsory internship of IARI students with industry/organizations as part of PG Course curricula was discussed in detail and was not agreed for making it compulsory.

Agenda Item No. 408.5: Consideration of the proceedings of the meeting of the Standing Committee on Faculty & Discipline held on 4.12.2018

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

408.5.1 Recommended the candidature of the following seven Scientists for induction into P.G. Faculty in their respective disciplines.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Punitha P, Scientist	Agricultural Extension
2.	Mr. Pravin Kumar Upadhyay, Scientist	Agronomy
3.	Dr. Vartika Srivastava, Scientist, NBPGR	Fruit Science
4.	Dr. S.N. Bhowmik, Principal Scientist	Microbiology
5.	Dr. Anshul Watts, Scientist, NRCPB	Molecular Biology and Biotechnology
6.	Dr. Shivani Nagar, Scientist	Plant Physiology
7.	Dr. Gograj Singh Jat, Scientist	Vegetable Science

408.5.2 The Academic Council was of the opinion that keeping in view the present scenario of developments in science, P.G. School faculty guidelines (para 3.23.2.) concerning posting of Scientists of a particular parent discipline in different departments/institutes, shall be revised by a Committee.

In view of the above, the Academic Council was of the opinion that the candidature of the following Scientists and also similar cases in future, if any, may be considered after the recommendation of above Committee.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. M.A. Khan, Principal Scientist	Soil Science and Agricultural Chemistry
2.	Dr. Archanna Watts, Scientist	Plant Physiology

408.5.3 Recommended the following twelve faculty members as Research guides for M.Sc. guidance in their respective disciplines as they met the prescribed requirement for becoming the research guides.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Anirban Dutta, Scientist	Agricultural Chemicals
2.	Dr. Sudipta Paul, Scientist	Agricultural Extension
3.	Dr. Kapila Shekhawat, Senior Scientist	Agronomy
4. *	Dr. Gyan Prakash Mishra, Senior Scientist	Genetics and Plant Breeding
5.	Dr. Navin Chandra Gupta, Scientist, NRCPB	Molecular Biology and Biotechnology
6.	Dr. Archana P. Raina, Principal Scientist, NBPGR	Plant Genetic Resources
7. *	Dr. Sundeep Kumar, Principal Scientist, NBPGR	Plant Genetics Resources
8.	Dr. Dhandapani R., Scientist (SS)	Plant Physiology
9. *	Dr. Jeetendra Kumar Ranjan, Senior Scientist	Vegetable Science
10.	Dr. Sharawan Singh, Scientist	Vegetable Science
11.	Dr. Shyam Sundar Day, Scientist	Vegetable Science
12.	Ms. Rosin K.G., Scientist	Water Science and Technology

*Keeping in view of their previous teaching and guiding experience at their previous University

408.5.4 Did not recommend the recognition of the candidature of Dr. G. Prakash, Scientist, Plant Pathology as Research Guide as he did not meet the prescribed requirement of three year teaching experience (short of one year teaching experience).

408.5.5 The Academic Council approved the recommendation of the Standing Committee that the CVs of the Scientists for recognition as Co-Research Guide in their respective disciplines at IIVR Varanasi, NIBSM, Raipur and NIASM, Baramati may be sent to the Board of Studies of respective disciplines of IARI to consider and recommend only those applications as per the need and with clear justification. As per the executed MoUs, the CVs received for induction as Faculty Member was not considered.

408.5.6 On the issue of following four applications for recognition of Adjunct Faculty received from the Professors of respective Disciplines, the Academic Council was of the opinion that the respective BOS should follow the guidelines of Adjunct Faculty, identify specific teaching/research needs of the discipline and resubmit the proposals.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. K.C. Bansal, Former Director, NBPGR	Molecular Biology and Biotechnology
2.	Dr. Pitam Chandra, Former Director, CIAE Bhopal	Post Harvest Technology
3.	Dr. Prabhakar, Former PC, AICRP on Small Millets, ICAR, IIHR	Genetics & Plant Breeding (at IIHR).
4.	Dr. R. Chitraichelvan, Former Head, Div. of Fruit Crops, IIHR	Fruit Science (at IIHR)

Agenda Item No. 408.6 Consideration of the Academic Calendar for the 62nd Academic Session 2019-20

The Academic Council approved the Academic Calendar of the P G School for the Academic Session 2019-20 .

Admission Process for the Academic Session 2019-20		
2019		
March 09-10	Saturday & Sunday	Advertisement for inviting on line applications for Ph.D. admission will be published in all the leading national news papers
March 11	Monday	Receipt of online applications for Ph.D. admission starts
April 15	Monday	Last date for receipt of online applications for admission to Ph.D. Programme
April 22	Monday	Last date for receipt of through proper channel applications and documents submission
May 26	Sunday	Entrance Examination for admission to Ph.D. Programme
June 21	Friday	Last date for submission of thesis by IARI M.Sc. students who have applied for admission to the Ph.D. Programme
June 22	Saturday	Declaration of result of Written Test for admission to Ph.D. programme
June 29	Saturday	Last date for receipt of mark sheet from the candidates who are studying in M.Sc. final year
July 01	Monday	Interview for admission to Ph.D. Programme in the respective disciplines
July 06	Saturday	Academic Council meeting for finalization of results for M.Sc. & Ph.D. admissions 2019-20
July 25-26	Thursday & Friday	Verification of original documents and online Registration of newly admitted M.Sc. and Ph.D. students for the Academic Session 2019-20
July 27	Saturday	Orientation Programme: Newly admitted students to be addressed by Dean and Director, IARI
I – Trimester		
July 29	Monday	First Trimester begins, payment of fees and online registration of continuing students
July 30	Tuesday	Commencement of Class Work
August 13	Tuesday	Last date for adding/dropping of course
September 05	Thursday	Teacher day celebration and lecture
November 11	Monday	National Agricultural Education day celebration and lecture
November 12 to November 16	Tuesday to Saturday	Final Examination of I Trimester
II – Trimester		
November 18	Monday	Online Registration of students
November 19	Tuesday	Commencement of Class Work
December 03	Tuesday	Agricultural Education Day

December 04	Wednesday	Last date for adding/dropping of courses
December 15 to December 29	Sunday to Sunday	Winter Break
2020		
January 27	Monday	Last date for holding the Final Viva-Voce Examination for consideration for the award of IARI Merit Medals and award of degree in the 58 th Convocation, 2020
February 03	Monday	Commencement of 58th Convocation Week Programme
February 06	Thursday	<i>50th Lal Bahadur Shastri Memorial Lecture</i>
February 07	Friday	58 th Convocation
February 22 to February 24	Saturday to Monday	Annual Sports Meet (Tentative)
March 23 to March 28	Monday to Saturday	Final Examination of II Trimester
III - Trimester		
March 30	Monday	Online Registration of students
March 31	Tuesday	Commencement of Class Work
April 14	Tuesday	Last date for adding/dropping of course
May 24 to June 14	Sunday to Sunday	Summer Vacation
July 13 to July 18	Monday to Saturday	Final Examination of III Trimester
July 19 to July 26	Sunday to Sunday	Trimester Break

Agenda Item No. 408.7: Finalisation of 57th Convocation Week Programme

The Academic Council approved the following 57th Convocation programme of IARI.

Venue: Dr. B.P. Pal Auditorium

Monday, February 04, 2019

09.30-18.00 hrs. **Presentation of "Significant Post Graduate Students Research" by M.Sc./M.Tech. & Ph.D. students for "Merit Medals" and "Best Student of the Year" award**

Tuesday, February 05, 2019

Presentation of Significant Educational Achievements for the year 2018 by the Professors representing different Schools of the teaching disciplines

09.30-11.15 hrs. Session I – Crop Improvement

11.30-13.00 hrs. Session II – Crop Protection

14.00-15.45 hrs.	Session III – Resource Management
16.00-17.00 hrs.	Session IV – Basic Sciences
17.15-18.30 hrs.	Session V – Horticultural Sciences

Wednesday, February 06, 2019

Presentation of Significant Educational Achievements for the year 2018 by the Professors representing different Schools of the teaching disciplines

09.30-10.45 hrs.	Session VI – Social Sciences
	Award Lectures
11.00-12.15 hrs.	Lecture by the Recipient of Dr. B.P. Pal Medal
12.30-13.45 hrs.	Lecture by the Recipient of XIX Shri Harikrishna Shastri Memorial Award
15.00-16.15 hrs.	Lecture by the Recipient of XXV Hooker Award
16.30-17.45 hrs.	Lecture by the Recipient of VII Rao Bahadur B. Vishwanath Memorial Award

Thursday, February 07, 2019

Venue: Conference Hall, IARI Library

09.30-10.30 hrs.	408 th Meeting of the Academic Council, IARI
11.00-12.00 hrs.	Meeting of Board of Management, IARI
12.15-13.00 hrs.	Press Conference

Venue: Dr. B.P. Pal Auditorium

14.00-15.30 hrs.	49 th Lal Bahadur Shastri Memorial Lecture
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Venue: Lawns of Dr. B.P. Pal Auditorium

15.45-16.30 hrs.	Full Dress Rehearsal
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Friday, February 08, 2019

Venue: Lawns of Dr. B.P. Pal Auditorium

11.00-13.00 hrs.	57 th Convocation
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Venue: Dr. B.P. Pal Auditorium

18.00 hrs.	Cultural Programme by P. G. Students
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Venue: Lawns of Genetics Division

20.00 hrs.	Convocation Dinner
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The process on the following items has already been completed with the approval of the Chairman of the Academic Council to enable the P.G. School to complete all the pre-convocation requirements well in time. The action taken is submitted for kind information of the Academic Council and its ratification.

1. Finalization of Chief Guest
 2. Chairpersons for the various Programmes
- i) Chairman, Judging Committee and Convenor for the programme “Significant Post Graduate Students Research-2018 presentation” by the PG students for IARI Merit Medals” and Best Student of the Year Award on

Monday, February 04, 2019 (Convenor: Dr.(Mrs.) Radha Prasanna, Professor, Microbiology)

- ii) Chairpersons and Conveners for the Programme "Presentation of Significant Educational Achievements of IARI for the year 2018" by the Professors of teaching disciplines representing Schools on Tuesday, February 05, 2019 (Convenor: Dr. S. Naresh Kumar, Professor, Environmental Science)
3. Lecture by the recipients of the following awards
- i) Shri Hari Krishna Shastri Memorial Award
ii) Hooker Award
iii) Rao Bahadur B. Vishwanath Memorial Award
iv) Dr. B.P. Pal Medal
4. Speaker to deliver 49th Lal Bahadur Shastri Memorial Lecture:
5. Chairman and Convenor for the 49th Lal Bahadur Shastri Memorial Lecture:
6. Chairpersons for the below mentioned Committees:

i) Pandal and Seating Arrangements Committee	Dr. Indra Mani, Head, Division of Agricultural Engineering
ii) Catering Arrangement Committee	Sh. Kailash Chandra Joshi, Registrar & Joint Director (Admn.)
iii) Invitation Committee	Dr. V.K. Baranwal, Professor, Division of Plant Pathology
iv) Reception Committee	Dr. (Ms.) Anupama Singh, Head, Division of Agricultural Chemicals
v) Cultural Programme & Invocation Song Committee	Dr. (Ms.) K. Annapurna, Head, Division of Microbiology
vi) Decoration Committee	Dr. Markandey Singh, Sr. Scientist, Division of Floriculture & Landscape Architecture
vii) Publicity Committee	Dr. Ravindra Nath Padaria, Professor, Division of Agricultural Extension
viii) Transport and Accommodation Committee	Sh. Pushpender Kumar, Chief Administrative Officer

Agenda Item No.408.8: *Consideration of the list of the candidates who have become eligible for award of their respective degrees of Master of Science and Doctor of Philosophy as on 12.12.2018*

The Academic Council approved the list of 137 candidates for the award of degree of M.Sc./M.Tech. and 39 candidates for Doctor of Philosophy who have completed all the requirements including their final viva-voce examination as on 12.12.2018 (Appendix-I).

Agenda Item No. 408.9: *Finalization of number of seats and eligibility qualification for admission to M.Sc./M.Tech. and Ph.D. degree programmes for the Academic Session 2019-20*

408.9.1 The number of seats for M.Sc./M.Tech. and Ph.D. programmes in various disciplines at IARI, New Delhi, IARI, Jharkhand and IARI, Assam required for the Academic Session 2019-20 was approved by the Academic Council.

M. Sc./M.Tech. Programme: The seat requirement will be sent to the Education Division of ICAR as they conduct the All India Entrance Examination for admission (AIEEA – PG- 2019) and Award of ICAR-JRF to Master's degree programme of IARI, IVRI, NDRI, CIFE, CAU and SAU's.

Sl. No.	Discipline	Total
A. IARI, New Delhi		
1.	AGRICULTURAL CHEMICALS	5
2.	AGRICULTURAL ECONOMICS	4
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	4
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	3
6.	AGRICULTURAL EXTENSION	6
7.	AGRICULTURAL PHYSICS	4
8.	AGRICULTURAL STATISTICS	7
9.	AGRONOMY	5
10.	BIOCHEMISTRY	4
11.	BIOINFORMATICS	5
12.	COMPUTER APPLICATION	6
13.	ENTOMOLOGY	5
14.	ENVIRONMENTAL SCIENCES	5
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	3
16.	FRUIT SCIENCE	5
17.	GENETICS AND PLANT BREEDING	6
18.	MICROBIOLOGY	5
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	7
20.	NEMATOLOGY	2
21.	PLANT GENETIC RESOURCES	4
22.	PLANT PATHOLOGY	5
23.	PLANT PHYSIOLOGY	4
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	1
26.	SEED SCIENCE AND TECHNOLOGY	4
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	4
28.	VEGETABLE SCIENCE	4
29.	WATER SCIENCE AND TECHNOLOGY	2
TOTAL-A		123
B. IARI, Assam		
a.	AGRONOMY	2
b.	GENETICS AND PLANT BREEDING	2
c.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	2
d.	VEGETABLE SCIENCE	2
TOTAL-B		8
C. IARI, Jharkhand		
a.	AGRONOMY	2
b.	GENETICS AND PLANT BREEDING	2
c.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	2
d.	VEGETABLE SCIENCE	2
TOTAL-C		8
Grand TOTAL =A+B+C		139

Ph. D. Programme: The all India Entrance Examination for admission to Ph.D. degree programmes at IARI is conducted by the Post Graduate School with the assistance of Examination Committee constituted by the Chairman, Academic Council.

Sl. No.	Discipline	GEN	OBC	SC	ST	PH	Total
A. IARI, New Delhi							
1.	AGRICULTURAL CHEMICALS	3	2	1	-	-	6
2.	AGRICULTURAL ECONOMICS	3	1	1	-	-	5
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	-	1	-	-	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	-	1	-	4
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	1	-	-	-	3
6.	AGRICULTURAL EXTENSION	4	2	1	-	(1)	7
7.	AGRICULTURAL PHYSICS	3	1	1	-	-	5
8.	AGRICULTURAL STATISTICS	3	3	1	1	(1)	8
9.	AGRONOMY	5	3	1	1	-	10
10.	BIOCHEMISTRY	3	2	-	-	-	5
11.	BIOINFORMATICS	3	1	1	-	-	5
12.	COMPUTER APPLICATION	3	1	1	1	-	6
13.	ENTOMOLOGY	3	2	1	-	-	6
14.	ENVIRONMENTAL SCIENCES	2	2	1	1	-	6
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	1	1	-	-	4
16.	FRUIT SCIENCE	3	1	1	-	-	5
17.	GENETICS AND PLANT BREEDING	6	3	2	2	-	13
18.	MICROBIOLOGY	3	2	1	-	-	6
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	2	1	1	(1)	8
20.	NEMATOLOGY	2	1	1	-	-	4
21.	PLANT GENETIC RESOURCES	3	1	-	1	-	5
22.	PLANT PATHOLOGY	4	2	2	1	(1)	9
23.	PLANT PHYSIOLOGY	3	3	1	-	-	7
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	1	-	-	-	3
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	-	1	-	-	-	1
26.	SEED SCIENCE AND TECHNOLOGY	3	1	1	1	(1)	6
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	6	2	2	-	-	10
28.	VEGETABLE SCIENCE	5	3	1	1	-	10
29.	WATER SCIENCE AND TECHNOLOGY	3	2	2	1	-	8
	Total-A	89	48	27	13	(5)	177
B. CIAE, Bhopal							
a.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	1	-	1	-	3
b.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	-	1	-	-	3
c.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	1	1	-	-	-	2
	Total-B	4	2	1	1	-	8
C. IIHR, Bangalore							
a.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	1	1	-	-	-	2
b.	FRUIT SCIENCE	1	-	-	1	-	2
c.	POST HARVEST TECH. (PHT of Horticultural Crops)	1	-	1	-	-	2
d.	VEGETABLE SCIENCE	1	1	-	-	-	2
	Total-C	4	2	1	1	-	8
	Grand Total	97	52	29	15	(5)	193

408.9.2 The following proposals received from concerned BOS was considered by the Academic Council and decided the following:

TS. No.	Discipline	Existing Qualification for Ph.D. Programme	Deletion	Decision of of Academic Council
1.	Post Harvest Technology	For Post Harvest Engineering and Technology: Agricultural Processing and Structures / Food Engineering / Post Harvest Engineering / Biochemical Engineering (Pre-requisite: B.Sc., B.Tech/B.E. in Agricultural Engineering)	B. Tech. (Agricultural Engineering)	Deletion of B. Tech. (Agricultural Engineering) Addition of Food Science & Tech./Food Tech.
2.	Soil Science and Agricultural Chemistry	Soil Science and/ OR Agricultural Chemistry / Environmental Sciences/ Agricultural Microbiology/ Chemistry / Agricultural Physics with specialization in Soil Physics	Environmental Sciences and Agricultural Microbiology	Not agreed for any deletion, existing qualification shall be continued

408.9.3 The following schedule related to All India Entrance Examination for admission to Ph.D. Programme was approved by the Academic Council.

Date of Entrance Examination : 26.05.2019 (Sunday)

Name of the Examination Centres: Anand, Bengaluru, Ludhiana, Coimbatore, Delhi, Guwahati, Jabalpur, Hyderabad, Patna, Kolkata, Pune, Udaipur and Varanasi

In addition to the seats finalized for open stream, seats for admission to M.Sc. & Ph.D. programmes under other streams are detailed below:

Faculty Up-gradation Scheme	-	10 seats for Ph.D. only
ICAR-In-Service Nominee Scheme	-	10 seats for Ph.D. only
Departmental (Scientific Cadre)	-	10 seats for Ph.D. only
Departmental (Technical Cadre)	-	10 seats for M.Sc. & Ph.D.
Foreign Students	-	30 seats for M.Sc. & Ph.D.
Children/widows of Security Forces	-	5 seats for M.Sc. & Ph.D.

Agenda Item No. 408.10: Renewal of all the four Standing Committees' composition of the Academic Council for the period of two years i.e. January 2019 to December 2020.

The Academic Council approved the re-composition of all the four Standing Committees for the term of two years (January 2019 to December, 2020).

I STANDING COMMITTEE ON COURSES CURRICULA & ACADEMIC AFFAIRS

1.	Dr. Alka Singh, Professor, Agricultural Economics	Chairperson
2.	Dr. Vinod, Professor, Genetics & Plant Breeding	Member
3.	Dr. A.R. Rao, Professor, Bioinformatics	Member
4.	Dr. S. Naresh Kumar, Professor, Environmental Sciences	Member
5.	Dr. Mahesh C. Yadav, Principal Scientist, NBPGR and Faculty Representative to the Academic Council	Member
6.	Ms. Priti Priyadarshni, Student's Representative to the Academic Council	Member
7.	Dr. K.M. Manjiaiah, Associate Dean, P.G. School	Member Secretary

II STANDING COMMITTEE ON FACULTY & DISCIPLINE

1.	Dr. Seema Jaggi, Professor, Agricultural Statistics	Chairperson
2.	Dr. D.K. Singh, Professor, Agricultural Engineering	Member
3.	Dr. R.N. Padaria, Professor, Agricultural Extension	Member
4.	Dr. S.P. Datta, Professor, SS&AC	Member
5.	Dr. A. Nagaraja, Senior Scientist, FHT & Faculty Representative to the Academic Council	Member
6.	Dr. K.M. Manjiaiah, Associate Dean, P.G. School	Member Secretary

III STANDING COMMITTEE ON SCHOLARSHIPS, FINANCIAL ASSISTANCE AND ACADEMIC PROGRESS

1.	Dr. Subhash Chander, Professor, Entomology	Chairman
2.	Dr. S.K. Jha, Professor, Post Harvest Technology	Member
3.	Dr. M.R. Khan, Professor, Nematology	Member
4.	Dr. T.K. Das, Professor, Agronomy	Member
5.	Mr. Tribhuvan R., President, PGSSU	Member
6.	Ms. Priti Priyadarshni, Student's Representative to the Academic Council	Member
7.	Mr. Kailash Chandra Joshi, Registrar	Member Secretary


IV STANDING COMMITTEE ON STUDENT'S PROBLEMS, DISCIPLINE, WELFARE BOARD AND RESIDENCES

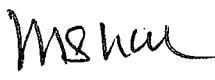
1.	Dr. Man Singh, Project Director (Additional Charge) and Professor, WST	Chairman
2.	Dr. Aruna Tyagi, Professor, Biochemistry	Member
3.	Dr. Madan Pal Singh, Professor, Plant Physiology	Member
4.	Dr. Veena Gunta, Professor, PGR	Member

Agenda Item No. 408.11: Any other items with the permission of the Chair

1. In view of the revision in ICAR PG & SRF from 2018-19 session and notified by the ICAR, the Academic Council was of the view that the IARI students admitted through All India Entrance Examination too deserve a similar increase in their Institute Scholarships. The details on the additional budget requirements duly vetted by Comptroller, IARI should be sent to the ICAR for sanction and remittance of increased Fellowship funds.
2. On the issue of shortage of hostel accommodation, the Academic Council decided to inscribe clearly in the Information Bulletin for the next academic session 2019-20 that students admitted shall be allotted accommodation in hostels based on merit and rest have to arrange themselves outside the campus.
3. On the issue of student collaboration proposal received from Rani Laxmibai Central Agricultural University, Jhansi the Academic Council was of the view that the concerned authorities from the University may be invited for discussion with Dean and Director, IARI.
4. On the issues raised by the Students Representatives, the Academic Council decided that :
 - (i) Font size of Ph.D. entrance exam question papers must be kept easiest readable.
 - (ii) On the issue of online fee submission by P.G. Students, Comptroller and Registrar shall take immediate necessary action to put the online payment gateway in place.
 - (iii) On the issue of statistical software training to the students, the Professor, Agricultural Statistics shall arrange a training in each Trimester.
 - (iv) On the issue of health insurance to students of IARI, the Academic Council decided that MOHR and President PGSSU shall take appropriate action at the earliest to be applicable compulsorily to all students from next Academic Session 2019-20.
 - (v) On the issue of teaching Hindi to the Staff and students specially the foreign students, Hindi Section of IARI shall make necessary arrangement of initiating Hindi classes on regular basis.

The meeting ended with the vote of thanks to the Chair.


(K.C. Joshi)
Member-Secretary


(J.P. Sharma)
Vice Chairman


(A.K. Singh)
Chairman

APPENDIX-I

List of candidates who have successfully completed all the requirements including final viva-voce examination for the award of degree of Master of Science/Master of Technology as on 12/12/2018

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
AGRICULTURAL CHEMICALS			
1	20755	KAILASH PATI TRIPATHI	DEVELOPMENT OF LC-MS/MS METHOD FOR ESTIMATION OF MANCOZEB, A DITHIOCARBAMATE FUNGICIDE RESIDUE
2	20756	ARKADEB MUKHOPADHYAY	BIOINSECTICIDAL FORMULATIONS OF <i>Steinernema thermophilum</i> WITH IMPROVED SHELF-LIFE: LIPID METABOLISM GUIDED IMMOBILIZATION IN CROSS-LINKED BIOPOLYMER GELLING CARRIERS
3	20757	DEBDAS CHAND	PERSISTENCE OF FLUCETOSULFURON HERBICIDE AS AFFECTED BY BIOTIC AND ABIOTIC FACTORS IN INDIAN SOILS
4	20758	AJITH. M	BIOASSAY GUIDED PROFILING OF ESSENTIAL OILS FROM AROMATIC PLANTS FOR POSSIBLE NEMATICIDAL ACTIVITY IN RICE
5	20759	Ms. SUTANWA SAHA	PERSISTENCE AND MOBILITY OF SULFONMIDE ANTIBIOTICS IN SOILS.
AGRICULTURAL ECONOMICS			
6	20760	SUBRATA GORAIN	SOCIO-ECONOMIC IMPACT OF DRIP IRRIGATION IN NORTHERN MAHARASHTRA
7	20761	TAHEER FIRDOSE K.	ROLE OF VALUE ADDITION IN ENHANCING FARM INCOME- A CASE STUDY ON TOMATO IN ANDHRA PRADESH
8	20762	MANASWI B. H.	ENHANCING SMALL FARMERS' ACCESS TO MARKET, FINANCE AND TECHNOLOGY THROUGH FARMER PRODUCER ORGANISATIONS: A CASE STUDY OF TELANGANA
AGRICULTURAL ENGINEERING			
9	20763	ABHINAV DUBEY	DEVELOPMENT OF SOLAR POWERED AIR INFLATED GRAIN DRYER.
10	20764	PADMAPANI EKNATH PACHPINDE	DESIGN AND DEVELOPMENT OF MIXED-MODE SOLAR DRYER FOR SELECTED FLOWERS
11	20765	AMAN MAHORE	DEVELOPMENT OF REAL TIME TRACTOR WHEEL SLIP MEASURING DEVICE
12	20766	PANKAJ MALKANI	DESIGN AND DEVELOPMENT OF SELF-PROPELLED FOLIAR APPLICATOR FOR UAN
13	20767	Ms. ASHA K. R.	DEVELOPMENT OF SENSOR-BASED SAFETY ALARM SYSTEM FOR INJURY PREVENTION IN FODDER CUTTER MACHINE
14	20769	VENKATESH	TENSIOMETER AUTOMATION DEVICE FOR GREEN HOUSE IRRIGATION SCHEDULING

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
AGRICULTURAL EXTENSION			
15	20771	RAHUL MANDAL	INSTRUCTIONAL TECHNOLOGY IN AGRICULTURAL EDUCATION : AN EXPLORATORY STUDY
16	20772	SANJAY KUMAR GUPTA	AN ANALYTICAL STUDY OF AGRO-ECOLOGICAL BASES OF CONTEMPORARY WATER MANAGEMENT INNOVATIONS IN SUSTAINABLE AGRICULTURE
17	20773	MANJUNATH H.	FOOD MAPPING : AN ANALYSIS OF FOOD PRODUCTION AND CONSUMPTION PATTERN OF NUTRITIONALLY VULNERABLE COMMUNITY IN TELAGANA
18	20774	Ms. TANNISHTHA BARDHAN	ORGANIC FOOD CONSUMPTION BEHAVIOUR AND STATUS - A CRITICAL ANALYSIS
19	20775	Ms. AISWARYA S.	EFFECTIVENESS OF TRAINING IN ENHANCING CORE COMPETENCIES OF EXTENSION PERSONNEL : AN ANALYTICAL STUDY IN KERALA
20	20776	Ms. GANGUBAI S. MANAGULI	INNOVATIONS IN AGRICULTURAL KNOWLEDGE CREATION, INFORMATION MANAGEMENT AND TECHNOLOGY DELIVERY SYSTEM (AGRI-KITS) IN BUNDELKHAND REGION OF UTTAR PRADESH : A CRITICAL ANALYSIS
21	20908	FAIZAN ULHAQ FAIZAN	ASSESSMENT OF LEADERSHIP STYLE IN THE SCIENTIFIC ORGANIZATIONS
AGRICULTURAL PHYSICS			
22	20777	SUNNY ARYA	SURFACE ENERGY FLUXES OVER IRRIGATED MAIZE-WHEAT USING BOWEN RATIO ENERGY BALANCE METHOD
23	20778	SUJAN ADAK	ASSESSMENT OF SOIL AND CROP PARAMETERS IN WHEAT UNDER DIFFERENT TILLAGE, RESIDUE AND NITROGEN MANAGEMENT USING PROXIMAL HYPERSPECTRAL TECHNIQUE
24	20779	MOHAMMED SHAFEEQ P. M.	MODELLING TEMPORAL DISTRIBUTION OF WATER, AMMONIUM-N AND NITRATE-N IN ROOT ZONE OF WHEAT USING HYDRUS 2D UNDER CONSERVATION AGRICULTURE
25	20780	DEBASISH ROY	EFFECT OF WEATHER ON GRAIN QUALITY OF WHEAT CULTIVARS IN NORTH-WESTERN INDIA
26	20907	POORAN SEERAJ	SIMULATION OF GROWTH AND YIELD OF RICE UNDER CONSERVATION AGRICULTURE PRACTICES USING CROP SIMULATION MODEL
AGRICULTURAL STATISTICS			
27	20781	SANDIPAN SARKAR	STUDY OF WAVELETS AND LONG MEMORY TIME SERIES MODELS FOR FORECASING
28	20782	JITENDRA KUMAR	STATISTICAL DESIGNS FOR FITTING RESPONSE SURFACES INCORPORATING NEIGHBOUR EFFECTS
29	20783	Ms. GARIMA SINGH	BLOCK DESIGNS FOR COMPARING TEST TREATMENT WITH CONTROLS
30	20784	MAHALINGARAYA	ESTIMATION OF HARVEST AND POST-HARVEST LOSSES OF MAJOR CROPS USING DOUBLE SAMPLING APPROACH
31	20785	KAPIL CHOUDHARY	STUDY ON EMPIRICAL MODE DECOMPOSITION BASED NEURAL NETWORK FOR AGRICULTURAL PRICE FORECASTING
32	20786	ROHIT KUNDU	RESPONSE SURFACE DESIGNS WITH FOUR AND SIX LEVELS
33	20787	Ms. SAYANTANI KARMAKAR	SOIL HEALTH ASSESSMENT USING SPATIAL STATISTICS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
AGRONOMY			
34	20788	BISWARANJAN BEHERA	BROWN MANURING OPTIMISATION FOR WEED MANAGEMENT IN MAIZE AND ITS CARRY-OVER EFFECTS IN ZERO-TILL WHEAT
35	20789	VARATHARAJAN T	INTEGRATED CROP MANAGEMENT MODULES FOR ENHANCING PRODUCTIVITY AND PROFITABILITY OF PIGEONPEA [<i>Cajanus cajan</i> (L.) Millsp] UNDER PIGEONPEA-WHEAT CROPPING SYSTEM
36	20790	SOMANATH NAYAK	PHOSPHOROUS MANAGEMENT IN SOYBEAN UNDER CONSERVATION AGRICULTURE
37	20791	RADHESHYAM	EVALUATION OF POST EMERGENCE HERBICIDES IN MAIZE (<i>Zea mays</i> L.)
38	20792	NIRAJ BISWAKARMA	TILLAGE AND NUTRIENT MANAGEMENT IN MAIZE UNDER MAIZE-MUSTARD CROPPING SYSTEM
39	50011	SHUBHAM MARAK	ORGANIC NUTRIENT MANAGEMENT IN RICE (<i>Oryza sativa</i> L.) VARIETIES UNDER NORTH-EASTERN HILL REGION
40	50012	HITESH S.	WEED AND NITROGEN MANAGEMENT IN TRANSPLANTED RICE (<i>Oryza sativa</i> L.) UNDER NORTH-EASTERN REGION OF INDIA
41	60010	Ms. SOUMYA SUNIL CHITNIS	EFFECT OF ZINC FERTILIZATION ON PRODUCTIVITY OF DIRECT SEEDED UPLAND RICE VARIETIES
42	60011	Ms. MEGHAMALA B. N.	EFFECT OF INTEGRATED WEED MANAGEMENT PRACTICES ON PRODUCTIVITY AND ECONOMICS OF UPLAND DIRECT-SEEDED RICE (<i>Oryza sativa</i> L.) IN EASTERN INDIA
BIOCHEMISTRY			
43	20793	THAKARE SWAPNIL SHARADRAO	VALIDATION OF DET1-gRNAs THROUGH TRANSIENT AGROINFILTRATION APPROACH AND ANALYSIS OF CRISPR/Cas9 MEDIATED MUTAGENESIS IN SOYBEAN PLANTS
44	20794	Ms. JOSHNA JOSE	THE DESIGN AND CONSTRUCTION OF CRISPR/CAS9 PLASMID FOR PRECISE EDITING OF GM1PK2
45	20795	Ms. ARTI KUMARI	CHARACTERIZATION OF DYNAMIC CHANGES IN STARCH METABOLISM AND ITS EFFECT ON GRAIN QYALITY OF WHEAT UNDER TERMINAL HEAT STRESS
46	20796	PRATHAP V.	STARCH ACCUMULATION IN RICE GRAINS SUBJECTED TO DROUGHT DURING GRAIN FILLING STAGE
BIOINFORMATICS			
47	20797	Ms. ANKITA NEGI	DEVELOPMENT OF TRANSCRIPTOME BASED WEB-GENOMIC RESOURCES FOR DROUGHT RESPONSIVENESS IN BLACK PEPPER.
48	20800	MOHAN BABU H. S.	DEVELOPMENT OF NON-B DNA DATABASE FOR RICE AND MAIZE
49	20887	DIPRO SINHA	AN ENSEMBLE BASED CLUSTERING APPROACH FOR METAGENOMICS DATA
COMPUTER APPLICATION			
50	20802	Ms. DEBDALI CHOWDHURY	GIS APPROACH FOR MAPPING THE MEGA ENVIRONMENT FOR MAIZE IN INDIA
51	20804	VIVEK KUMAR	DEVELOPMENT OF WEB BASED TOOL FOR VISUALIZATION OF GENETIC VARIANTS
52	20805	VAIJANATH SHIVALINGAPPA KUMAS	DEVELOPMENT OF SOFTWARE PROTOTYPE FOR In-Silico COPY NUMBER VARIATION IDENTIFICATION
53	20807	Ms. LAKSHMI SONKUSALE	DESIGN AND DEVELOPMENT OF MOBILE APP FOR ERGONOMICS ASSESSMENT OF DRUDGERY PRONE ACTIVITIES IN AGRICULTURE

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
ENTOMOLOGY			
54	20808	RANJITH H. V.	INVESTIGATIONS ON EFFECTS OF SUBLETHAL DOSES OF PHOSPHINE ON TRIBOLIUM CASTANEUM
55	20809	Ms. GEETHU S.	INVESTIGATION ON BIONOMICS AND PREDATORY POTENTIAL OF CHEILOMENES SEXMACULATA (FAB.) ON COTTON MEALYBUG, PHENACOCOCCUS SOLENOPSIS TINSLEY
56	20810	TANMAYA KUMAR BHOI	STUDIES ON PLANT DEFENCE SYSTEM IN MAIZE SEEDLINGS AGAINST CHILO PARTELLUS (SWINHAE)
57	20811	Ms. ARYA P.S.	COMPARATIVE DAMAGE POTENTIAL OF <i>Sitophilus oryzae</i> AND <i>Rhizopertha dominica</i> ON WHEAT CULTIVARS
58	20812	HEMANT KUMAR	Biological, behavioural and biochemical investigations for resistance to <i>Chilo partellus</i> (Swinhoe) in Sorghum
ENVIRONMENTAL SCIENCES			
59	20813	PRAKASH BHADORIA	REMOVAL OF HEAVY METALS FROM WASTEWATER USING RICE STRAW BASED BIO-SORBENT
60	20815	PARTHA PRATIM MAITY	INTERACTIVE EFFECT OF ELEVATED CARBON DIOXIDE AND TEMPERATURE ON NITROGEN TRANSFORMATION IN SOIL UNDER RICE CROP
61	20816	JITU MANDOL	EFFECT OF PLANT GROWTH PROMOTING RHIZOBACTERIA AND ELEVATED CARBONDIOXIDE ON GROWTH AND YIELD OF BLACKGRAM UNDER ELEVATED TROPOSPHERIC OZONE
62	20818	PRAKASH KUMAR	EMISSION OF NITROUS OXIDE FROM BLACKGRAM CROP
63	20888	CHANDRA PRAKASH	MICROBIOLOGICAL QUALITY OF PARTICULATE MATTER IN URBAN AND RURAL AREAS
FLORICULTURE AND LANDSCAPE ARCHITECTURE			
64	20819	Ms. UZMA MEHRAJ	In vitro MASS MULTIPLICATION OF DOUBLED HAPLOID LINE OF MARIGOLD (<i>TAGETES ERECTA</i> L.) DERIVED THROUGH OVULE CULTURE
65	20820	SATISH SAINI	IMPACT OF GROWING CONDITIONS, MEDIA AND VARIETY ON PRODUCTION OF LA HYBRID LILIUM
66	20821	Ms. POOJA A.	STANDARDIZATION OF in-vitro PROPAGATION PROTOCOL IN <i>Chrysanthemum coronarium</i> L.
FRUIT SCIENCE			
67	20822	Ms. SHWETA K HADAKAR	STUDIES ON CHANGES IN PHENOLS AND FLAVONOIDS DURING FRUIT DEVELOPMENTAL STAGES IN MANGO GENOTYPES
68	20823	PRASAD SHIVAPPA KAROSHI	
69	20824	AMOL KAILAS JADHAV	STUDIES ON THE PHYSIOLOGY OF FLOWERING IN Citrus SPECIES
70	20825	NAVEEN KUMAR MAURYA	EVALUATION OF PAPAYA GENOTYPES FOR MORPHOLOGICAL, PHYSIO-BIOCHEMICAL AND MOLECULAR TRAITS UNDER LOW TEMPERATURE STRESS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
GENETICS AND PLANT BREEDING			
71	20686	MAHIPAL SINGH GURJAR	GENETIC AND MOLECULAR ANALYSES OF SHEATH BLIGHT RESISTANCE IN <i>O. rufipogon</i> DERIVED RICE INTROGRESSION LINE
72	20826	ABHIJITH K. P.	DEVELOPMENT AND VALIDATION OF GENE-BASED MARKER (S) FOR ipal AND ipa2 GENES CONFERRING LOW PHYTIC ACID IN MAIZE KERNEL
73	20827	NILESH JOSHI	ELUCIDATING INHERITANCE AND MOLECULAR MAPPING OF ENCLOSED PANICLE TRAIT IN "SAATHI" RICE
74	20828	LIMBALKAR OMKAR MAHARUDRA	MOLECULAR MAPPING OF LEAF AND STEM RUST RESISTANCE GENES IN A WHEAT-RYE RECOMBINANT "SELECTION 212"
75	20829	SUNIL KUMAR V. P.	MAPPING OF QTLs FOR HEAT TOLERANCE RELATED TRAITS IN WHEAT (<i>Triticumaetivum</i> L.).
76	20830	RAHUL KUMAR	IDENTIFICATION OF MEAT-QTLs FOR NITROGEN EFFICIENCY AND PROFILING OF THE MQTL DIVERSITY IN INDIAN RICE (<i>Oryza sativa</i> L.) GERMLASM
77	20831	VIJAY KAMAL MEENA	STUDIES ON MOLECULAR DIVERSITY AND TOLERANCE ABILITY OF SPRING WHEAT GENOTYPES FOR TERMINAL HEAT TOLERANCE BASED ON DIFFERENT TOLERANCE INDICES.
78	50013	SHIVAKUMAR SHIDENUR	ASSESSMENT OF HETEROTIC POTENTIAL OF TROPICA JAPONICA DERIVED RESTORERS AND COMPARATIVE ANALYSIS FOR FERTILITY RESTORATION EFFICACY OF FERTILITY RESTORER GENES, Rf3 AND Rf4 IN RICE
79	50015	Ms. RAKHI SALAM	STUDY OF GENETIC VARIABILITY IN LENTIL FOR TOLERANCE TO HERBICIDE IMAZETHAPYR
80	60012	SUMAN DUTTA	ANALYSIS OF GENETIC VARIABILITY AND VALIDATION OF CANDIDATE GENE(S) AFFECTING RETENTION OF KERNEL CAROTENOIDS IN MAIZE DURING STORAGE
81	60013	GAURAV JOSHI	MOLECULAR CHARACTERISATION AND MULTI-ENVIRONMENT EVALUATION OF PUSA44 DERIVED PUP1 INTROGRESSION LINES FOR PHOSPHORUS RESPONSE
82	60014	HARSHAVARDHANA Y. S.	GENETICS OF SEMI-DETERMINACY AND IDENTIFICATION OF MOLECULAR MARKER LINKED TO DT1 LOCUS IN CHICKPEA (<i>Cicer arietinum</i> L.)
MICROBIOLOGY			
83	20832	KRASH KUMAR KUSHWAHA	IMPACT OF PADDY STRAW BURNING ON SOIL MICROBIAL DYNAMICS
84	20833	SHIVARANJAN C S	ASSESSMENT OF THE COMBINED EFFECT OF SALINITY AND COPPER ON THE GROWTH AND PHYSIOLOGICAL VARIABLES OF A CYANOBACTERIUM ANABAENA DOLIOLUM
85	20834	PRASANT K PRUSTY	FUNCTIONAL DIVERSITY OF THE MICROBIAL NITROGEN CYCLE IN THE RHIZOSPHERE MICROBIOME OF RICE
86	20835	ANIL KUMAR	PHYLOGENETIC DIVERSITY OF MESORHIZOBIIUM STRAINS AND ITS EFFICIENCY ON PLANT GROWTH AND PRODUCTIVITY IN CHICKPEA

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
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MOLECULAR BIOLOGY AND BIOTECHNOLOGY

87	20837	NILADRI BARMAN	CLONING AND CHARACTERIZATION OF DROUGHT INDUCIBLE PM 19 PROMOTER FROM WHEAT
88	20838	SOURAV KUMAR DAS	MARKER DEVELOPMENT FOR MAJOR DROUGHT AND HEAT STRESS TOLERANCE QTLs AND THEIR VALIDATION IN RICE (<i>Oryza sativa</i> L.)
89	20839	BIPRATIP DUTTA	CHARACTERIZATION OF <i>Magnaporthe</i> -RESPONSIVE WRKY GENES IN CONTRASTING RICE GENOTYPES FOR PANICLE BLAST RESISTANCE
90	20840	Ms. SHAZIYA SULTANA	EXPRESSION PROFILING DURING ANTHESIS UNDER HEAT STRESS AND MOLECULAR CLONING OF GLYCEROL-3-PHOSPHATE ACYL TRANSFERASE (<i>gpat</i>) GENE FROM WHEAT
91	20841	AKASH PAUL	CO-EXPRESSION STUDIES OF NAR2 -LIKE GENES WITH HIGH AFFINITY NITRATE TRANSPORTER GENE (NRT2.1) IN ROOT TISSUES OF WHEAT (<i>Triticum aestivum</i>)
92	20842	SUNIL NINGOMBAM	DEVELOPMENT OF MSATELLITE MARKER ASSOCIATED WITH HEAT STRESS TOLERANCE IN <i>Pennisetum glaucum</i> (L) R. Br.
93	20843	Ms. TAKU MONYA	ISOLATION, CLONING AND FUNCTIONAL VALIDATION OF A TAL EFFECTOR GENE FROM <i>Xanthomonas oryzae</i>

NEMATOLOGY

94	20845	AMIT AHUJA	CHARACTERIZATION OF PHOTOX TOXIN FROM PHOTORHABDUS BACTERIA ISOLATED FROM INDIAN STRAINS OF HETERORHABDITIS NEMATODE
95	20847	VINAY K. Y.	QUALITY ASSESSMENT OF TOMATO IN RESPONSE OT MANAGEMENT OF ROOT KNOT NEMATODE , MELOIDOGYNE INCOGNITA WITH NEMATICIDES

PLANT GENETIC RESOURCES

96	20848	LAXMISHA K. M.	AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF INDIGENOUS ACCESSIONS OF JOB'S TEARS (<i>Coix lacrymajobi</i> L.) IN INDIA
97	20849	PUNEETH G. M.	GENETIC PURITY TESTING OF F1 HYBRIDS OF COTTON USING DNA MARKERS
98	20850	P. PRABHU	GENETIC DIVERSITY ANALYSIS OF <i>Garcinia indica</i> (DUPETIT-THOUARS.) CHOISY BASED ON MORPHOLOGICAL AND MOLECULAR MARKERS.
99	20851	NAVAL KISHOR MEENA	STUDIES ON SEED LONGEVITY OF WILD AND CULTIVATED SESAME (<i>Sesamum</i> spp.)

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
PLANT PATHOLOGY			
100	20852	JAGMOHAN SINGH	IDENTIFICATION AND EXPRESSION ANALYSIS OF PATHOGENICITY-RELATED GENES IN <i>Tilletia indica</i> INCITING KARNAL BUNT OF WHEAT
101	20853	SHREENATH Y. S.	CHARACTERIZATION OF PATHOGEN(S) ASSOCIATED WITH CHICKPEA STUNT DISEASE AND IDENTIFICATION OF THEIR NATURAL RESERVOIRS
102	20854	Ms. PANKHURI SINGHAL	CHARACTERIZATION OF VIROIDS INFECTING GRAPEVINE AND DEVELOPMENT OF RAPID DIAGNOSTIC PROTOCOL
103	20855	VINEETH VIJAYAN	IDENTIFICATION OF RESISTANT SOURCES IN SOYBEAN AGAINST YELLOW MOSAIC DISEASE
104	20856	Ms. ASHARANI PATEL	INVESTIGATION ON BACTERIAL VOLATILE MEDIATED PRIMING OF RICE AGAINST BLAST DISEASE
105	20857	MRUTYUNJAYA S.	STUDYING THE ROLE OF XopQ T3SS EFFECTOR OF <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> ON THE DEVELOPMENT OF BACTERIAL BLIGHT IN POMEGRANATE
106	20858	NAVEEN NAYAKA S.	IDENTIFICATION OF EFFICIENT DELIVERY METHOD OF INFECTIOUS DNA CONSTRUCT OF CUCUMBER GREEN MOTTLE MOSAIC VIRUS AND QUANTIFICATION OF VIRAL LOAD IN CUCURBIT PLANT
107	20859	PRASHANTHA S. T.	UNDERSTANDING THE INTERACTIONS OF ANASTOMOSIS GROUPS (AG) OF <i>Rhizoctonia solani</i> WITH RICE (<i>Oryza sativa</i> L.)
PLANT PHYSIOLOGY			
108	20861	BIRENDRA KUMAR PADHAN	IMPACT OF ELEVATED CO ₂ ON REGULATION OF NITROGEN METABOLISM UNDER HIGH NITROGEN AVAILABILITY IN WHEAT
109	20862	DIVTE PANDURANG RAGHUNATH	REGULATION OF PHYTOSIDEROPHORE (PS) PRODUCTION AND RELEASE DYNAMICS BY ETHYLENE UNDER Fe DEFICIENCY IN WHEAT
110	20863	Ms. NISHA	DYNAMICS OF EPICUTICULAR WAX AND MINERAL NUTRIENTS IN WHEAT UNDER HEAT AND DROUGHT STRESS
111	20864	DIPANKAR BARMAN	DECIPHERING THE ROLE OF miRNA IN MELATONIN INDUCED THERMO-TOLERANCE IN RICE (<i>Oryza sativa</i>)
POST HARVEST TECHNOLOGY			
112	20865	GOWTHAM R.	NEURAL NETWORK MODELING OF PEARL MILLET EXTRUSION PROCESS
113	20867	Ms. MONIKA G. TOTAD	NUTRITIONAL PROFILING AND SHELF LIFE EXTENSION OF BLUEBERRY USING EDIBLE COATINGS
114	20906	AHMAD FARID AZIZI	DEVELOPMENT OF FABRICATED POTATO SNACK WITH HIGH FIBER AND REDUCED FAT

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
SEED SCIENCE AND TECHNOLOGY			
115	20734	AJAY	EFFECT OF BIOLOGICAL SEED TREATMENTS AND STORAGE CONTAINERS ON THE SEED QUALITY OF ONION SEED LOTS
116	20868	SATISH KUMAR	STUDIES ON SEEDLING EMERGENCE, CROP PERFORMANCE AND VIGOUR ASSESSMENT IN BITTER GOURD (<i>Momordica charantia</i> L.)
117	20869	NIRANJAN PRASAD H. P.	STUDIES ON SEED QUALITY PARAMETERS IN FRUIT ROT INFECTED SEEDS OF BRINJAL (<i>Solanum melongena</i> L.) CAUSED BY <i>Phomopsis vexans</i> AND DEVELOPMENT OF ECO-FRIENDLY MANAGEMENT
118	20870	PRAVEEN KUMAR YADAV	EFFECT OF GA RESPONSIVE REDUCED HEIGHT GENES ON SEEDLING VIGOUR TRAITS IN WHEAT (<i>TRITICUM AESTIVUM</i> L.)
119	20871	Ms. KARABI BANIA	STUDIES ON SYNCHRONIZATION OF FLOWERING IN PARENTAL LINES OF HYBRID RICE
120	20873	DILSHAD AHMAD	STUDIES ON SEED DEVELOPMENT, ON-SET OF GERMINATION, PHYSIOLOGICAL AND HARVEST MATURITY IN CUCUMBER (<i>CUCUMIS SATIVUS</i> L.) CV.

SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

121	20874	MD. BASIT RAZA	SYNTHESIS AND EVALUATION OF ZINC LOADED NANO CLAY BIOPOLYMER COMPOSITES FOR ENHANCING USE EFFICIENCY OF ZINC
122	20875	SUBHASIS SATAPATHY	ASSESSING POTASSIUM SUPPLYING PARAMETERS OF SOIL UNDER CONSERVATION AGRICULTURE
123	20876	Ms. VANDANA KUMARI	LONG TERM EFFECT OF FERTILIZATION AND MANURING ON QUALITY AND LEVEL OF CARBON IN FOUR SOIL ORDERS OF INDIA
124	20877	KINGSHUK MODAK	IMPACT OF CONSERVATION AGRICULTURAL PRACTICES ON ORGANIC CARBON STABILIZATION WITHIN SOIL AGGREGATES UNDER SOYBEAN WHEAT SYSTEM IN AN INCEPTISOL
125	50016	ANSHUMAN DAS	POTASSIUM SUPPLYING CAPACITY IN SOIL UNDER DIFFERENT LAND USE SYSTEMS OF ASSAM
126	60015	Ms. ATHULYA S	SYNTHESIS AND EVALUATION OF SUSTAINED RELEASE PHOSPHATIC FERTILIZER PRODUCTS FOR ENHANCING PHOSPHORUS USE EFFICIENCY
127	60016	AJIN S ANIL	INTERACTIVE EFFECT OF CALCIUM AND BORON ON THE AVAILABILITY OF BORON IN ACID SOILS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
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VEGETABLE SCIENCE

128	20878	MANOJ KUMAR MAHALIK	IDENTIFICATION OF RESISTANT GENOTYPES OF OKRA AND VIRUS ASSOCIATED WITH BHINDI YELLOW VEIN MOSAIC DISEASE
129	20879	PUNEETH P. V.	EVALUATION OF HOT PEPPER (CAPSICUM ANNUUM L.) GENOTYPES FOR HEAT STRESS TOLERANCE.
130	20880	YOGANANDA H. S.	CHARACTERIZATION AND DIVERSITY ANALYSIS OF CABBAGE (<i>Brassica oleracea</i> L. var. <i>capitata</i>) GERMPLASM USING AGRO-MORPHOLOGICAL TRAITS AND SSR MARKERS
131	20881	Ms. BHANUSHREE N.	GENETICS AND MOLECULAR CHARACTERIZATION OF FRUIT TRAIT IN EGG PLANT (<i>SOLANUM MELONGENA</i> L.)
132	50019	HARISHA S M	EFFECT OF TIME OF PLANTING AND SPACING IN THE QUALITY SEED PRODUCTION OF OKRA CV. PUSA BHINDI-5
133	60017	ABHAY VIKRAM SINGH	EFFECT OF SPACING AND MICRONUTRIENT ON GROWTH, YIELD AND QUALITY TRAITS OF BITTER GOURD VARIETIES GROWN UNDER PROTECTED STRUCTURES
134	60018	RAMESHWAR MEENA	ASSESSMENT OF GENETIC VARIABILITY FOR HORTICULTURAL AND QUALITY TRAITS IN DOLICHOS BEAN

WATER SCIENCE AND TECHNOLOGY

135	20885	ASHOK IRAPPA HALLI	PHYTOREMEDIATION OF HEAVY METALS, SOIL HEALTH IMPACTS AND PRODUCTIVITY OF GLADIOLUS UNDER IRRIGATIONS WITH METALS SPIKED WASTEWATER
136	50021	RAGHAV MAURYA	HYDROLOGICAL BEHAVIOUR AND NUTRIENT FLUX IN A RAINFED HORTI-AGRI SYSTEM WITH DIFFERENT WATER CONSERVATION PRACTICES
137	60019	MANJUNATH DALI	IMPACT OF POLLUTED HINDON RIVER WATER IRRIGATION ON SOIL HEALTH AND ASSESSING RISK IN RELATION TO TRANSFER OF METALS TO HUMAN FOOD CHAIN

List of candidates who have successfully completed all the requirements including final viva-voce examination for the award of degree of Doctor of Philosophy as on 12/12/2018.

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
AGRICULTURAL ENGINEERING			
1	10391	PREM KUMAR SUNDARAM	STUDIES ON DESIGN PARAMETERS OF UREA AMMONIUM NITRATE (UAN) APPLICATOR SYSTEM
AGRICULTURAL EXTENSION			
2	9935	ANIRBAN MUKHERJEE	AN ANALYTICAL STUDY ON STATUS, PROSPECTS AND CHALLENGES OF FARMERS' PRODUCER COMPANIES
3	10574	Ms. JASNA V.K.	PESTICIDE USE BEHAVIOUR OF VEGETABLE FARMERS WITH SPECIAL FOCUS ON FOOD AND ENVIRONMENTAL SAFETY: A MULTIDIMENSIONAL STUDY
4	10575	Ms. SHRUTI	CRITICAL ANALYSIS OF ENTREPRENEURIAL ENVIRONMENT FOR VALUE CHAIN DEVELOPMENT
AGRICULTURAL PHYSICS			
5	10581	SURAJIT MONDAL	ROOT DISTRIBUTION AND WATER UPTAKE IN WHEAT UNDER TILLAGE- INDUCED MODIFIED SOIL PHYSICAL ENVIRONMENT
AGRICULTURAL STATISTICS			
6	10544	SAURAV GUHA	USE OF CALIBRATION APPROACH IN THE ESTIMATION OF DOMAIN TOTAL IN THE PRESENCE OF AUXILIARY INFORMATION
7	10582	SHYAMSUNDAR PARUI	EFFICIENT DESIGNS FOR INCOMPLETE FACTORIAL TREATMENT STRUCTURE
AGRONOMY			
8	10260	RAMESH KUMAR SINGH	EVALUATION OF SYSTEM CROP INTENSIFICATION FOR DIFFERENT GENOTYPES IN SOYBEAN-WHEAT SEQUENCE
9	10547	BHARGAVI B.	DIVERSIFICATION OF FARMING SYSTEMS WITH HIGH-VALUE CROPS FOR LIVELIHOOD IMPROVEMENT OF MARGINAL FARMERS
BIOCHEMISTRY			
10	9960	GAURAV KUMAR	FUNCTIONAL SIGNIFICANCE OF Tomato leaf curl New Delhi virus PATHOGENICITY FACTORS IN REDIRECTING HOST GENE REGULATION AND THEIR INVOLVEMENT IN HOST-VIRUS INTERFACE
11	10107	Ms. KALPANA TEWARI	ISOLATION AND FUNCTIONAL ANALYSIS OF THE PROMOTERS OF γ -tocopherol methyl transferase (γ -TMT) GENE FROM HIGH AND LOW α -tocopherol CONTAINING GENOTYPES OF SOYBEAN (<i>Glycine max</i>)
12	10108	ASHISH MARATHE	ASSOCIATION PATTERNS OF GENE EXPRESSION AND METABOLITE PROFILES FOR PHYTATE BIOSYNTHESIS DURING SEED DEVELOPMENT AND RNA INDUCED DOWNREGULATION OF ITPK2 IN SEEDS THROUGH <i>Agrobacterium</i> MEDIATED GENETIC TRANSFORMATION FOR LOW PHYTATE SOYBEAN

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
ENTOMOLOGY			
13	9968	DIVEKAR PRATAP ADINATH	STUDY ON PLANT PHYSICO-CHEMICAL BASES OF RESISTANCE IN MAIZE AGAINST SHOOT FLY AND PINK STEM BORER
14	10278	JONI KUMAR	EFFECT OF SEMIOCHEMICALS ON NATURAL ENEMIES OF <i>Lipaphis erysimi</i> (Kaltenbach) AND <i>Myzus persicae</i> (Sulzer) OCCURRING IN MUSTARD
GENETICS AND PLANT BREEDING			
15	10287	AMIT KUMAR	CHARACTERIZATION OF ISOCYTOPLASMIC RESTORER LINES DERIVED FROM ELITE RICE HYBRIDS AND THEIR UTILIZATION IN HYBRID DEVELOPMENT
16	10289	SUMAN PARRE	IDENTIFICATION OF QUANTITATIVE TRAIT LOCI FOR PLANT TYPE, SEED YIELD COMPONENTS AND BIOCHEMICAL TRAITS RELATED TO POD BORER RESISTANCE IN PIGEONPEA [<i>Cajanus cajan</i> (L) MILLSPAUGH]
17	10458	Ms. PHILANIM W.S.	GENOME WIDE ASSOCIATION MAPPING OF YIELD TRAITS IN CHICKPEA (<i>Cicer arietinum</i> L.)
HORTICULTURE			
18	10139	CHAVLESH KUMAR	MORPHOLOGICAL AND MOLECULAR DIVERSITY ANALYSES OF WILD APPLE (<i>Malus</i> sp.) GERMPLASM
19	10297	Ms. OMEM TAMUT	EXPLOITATION OF HETEROSIS FOR QUANTITATIVE TRAITS IN MARIGOLD THROUGH INTER-SPECIFIC HYBRIDIZATION
20	10459	ABHAY KUMAR GAURAV	PHYLOGENETIC RELATIONSHIPS IN THE GENUS <i>Rosa</i> (Rosaceae): BASED ON MORPHOLOGICAL AND MOLECULAR MARKERS
21	10462	Ms. PRATIKSHA KUMARI	IMPROVEMENT IN CHINA ASTER [<i>Callistephus chinensis</i> (L.) NEES.] THROUGH HYBRIDIZATION AND MUTATION
22	10463	VELURU BHARGAV	MORPHO-BIOCHEMICAL AND MOLECULAR CHARACTERIZATION OF CHINA ASTER [<i>Callistephus chinensis</i> (L.) NEES]
23	10476	NIMBOLKAR PRASHANT KISAN	STUDIES ON SALT TOLERANCE IN POLYEMBRYONIC MANGO (<i>Mangifera indica</i> L.) ROOTSTOCK SEEDLINGS
24	10477	RAHUL KUMAR	MAP-BASED MOLECULAR DIVERSITY ANALYSIS AND ASSOCIATION MAPPING STUDIES OF HORTICULTURAL TRAITS IN CUCUMBER
25	10486	Ms. NANGSOL DOLMA BHUTIA	ASSESSMENT OF HETEROSIS FOR YIELD AND QUALITY TRAITS AND MOLECULAR MAPPING OF CLUSTER BEARING HABIT IN <i>Luffa</i>
26	10548	Ms. THANESHWARI	INDUCTION OF EMBRYOGENY AND PLANT REGENERATION THROUGH INDUCED ANDROGENESIS/GYNOGENESIS IN MARIGOLD (<i>Tagetes</i> spp. L.)
27	10634	VIJAYAKUMAR RATHOD	GENETIC STUDIES AND TAGGING OF GENE(S) RELATED TO ECONOMIC TRAITS IN BITTER GOURD (<i>Momordica charantia</i> L.)
MICROBIOLOGY			
28	10308	JAIRAM CHOUDHARY	APPROACHES FOR SIMULTANEOUS SACCHARIFICATION AND FERMENTATION OF LIGNOCELLULOSIC BIOMASS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
PLANT PATHOLOGY			
29	10165	RISHIKESH KUMAR	INVESTIGATION ON THE POSSIBLE ROLE OF XopN-T3SS EFFECTOR IN MODULATING BACTERIAL BLIGHT DISEASE IN POMEGRANATE (<i>Punica granatum</i> L.)
30	10336	NENAVATH BALRAM	CHARACTERIZATION OF SATELLITE MOLECULES ASSOCIATED WITH COTTON LEAF CURL DISEASE COMPLEX IN PUNJAB AND RAJASTHAN AND IDENTIFICATION OF RESISTANCE SOURCE
31	10513	GOPALA	CHARACTERIZATION AND NATURAL SPREAD SOURCES OF PHYTOPLASMA DISEASES ASSOCIATED WITH IMPORTANT ORNAMENTAL CROPS
PLANT PHYSIOLOGY			
32	10037	KRISHNA KUMAR G.	MOLECULAR ANALYSIS OF ROOT SYSTEM ARCHITECTURE IN RICE UNDER DROUGHT STRESS
POST HARVEST TECHNOLOGY			
33	10342	JANAGAM VENU MADHAV	ENHANCEMENT OF POSTHARVEST LIFE OF GUAVA (<i>psidium guajava</i> L.) FRUIT BY APPLICATION OF GRAS SUBSTANCES
34	10522	K. RAMA KRISHNA	STUDIES ON JELLY SEED DISORDER IN MANGO AND ITS DETECTION WITH X-RAY IMAGING
35	10658	K PRASAD	POST HARVEST LOSS REDUCTION AND QUALITY RETENTION OF MANGO FRUITS UNDER AMBIENT STORAGE
SEED SCIENCE AND TECHNOLOGY			
36	10551	MURALI C N	SEED DEVELOPMENT, MATURATION AND CHARACTERIZATION IN SELECTED MARIGOLD (<i>Tagetes</i> spp)
37	10705	VISHWANATH ROHIDAS YALAMALLE	STUDIES ON APPLICATION OF POLYMER, POLYAMINES AND SCAPE REGULATION ON SEED YIELD AND QUALITY IN ONION (<i>Allium cepa</i> L.)
SOIL SCIENCE AND AGRICULTURAL CHEMISTRY			
38	10192	DEBARUP DAS	EFFECT OF LONG-TERM FERTILIZATION AND MANURING ON POTASSIUM DYNAMICS IN SOILS OF VARYING MINERALOGICAL MAKE-UP
39	10197	ARIJIT BARMAN	MANGANESE DYNAMICS IN DIFFERENT SOILS IN RELATION TO ITS AVAILABILITY TO WHEAT (<i>Triticum</i> sp.)

2019-20		No. of Students	Amount	Number of Students	Amount
				(M.Sc.) 191	17327520
	SRF-ICAR	31	11532000	(Ph.D.) 156	58032000
	DBT	6	2232000		
	DST	8	2976000		
	CSIR	13	4836000		
	National Fellowship (ST)	12	4464000		
	National Fellowship (SC)	3	1116000		
	National Fellowship (OBC)	0	0		
	Moulana Azad National Fellows	1	372000		
	UGC NET-JRF	16	5952000		

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-II/82-02/M.Sc & Ph.D/2022-2023/

Dated 21.11.2022

OFFICE ORDER

This is to certify that the students who had been admitted during the academic session 2017-2018, 2018-2019, 2019-2020, 2020-2021 and 2021-2022 at ICAR-IARI, New Delhi were awarded different fellowship as per list enclosed.


Sr. Registrar
कुल सचिव (शिक्षणिक)
Registrar (Academic)
स्नातकोत्तर विद्यालय,
Post Graduate School,
भा.कृ.अनु.सं., नई दिल्ली-12
IARI, New Delhi-12

Encl : As above

, M.SC.& PH.D. STUDENTS LIST FOR ADMITTED YEAR-2019

SR NO.	YR. ADMN	COURSE	DATE ENROL	ROLL NO	DISCIPLINE	NAME OF THE STUDENT
1.	2019	M.Sc. (Agri.)	20-08-2019	21320	NEMATOLOGY	BASANT DESHWAL
2.	2019	M.Sc. (Agri.)	19-08-2019	21319	NEMATOLOGY	Ms. APSARA, N
3.	2019	M.Sc. (Agri.)	19-08-2019	21318	NEMATOLOGY	VIRENDRA KUMAR
4.	2019	M.Sc. (Agri.)	19-08-2019	21316	NEMATOLOGY	GAGANDEEP SINGH
5.	2019	M.Sc. (Agri.)	19-08-2019	21315	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	GOWTHAM T P
6.	2019	M.Sc. (Agri.)	19-08-2019	21314	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. ANINDITA BARUA
7.	2019	M.Sc. (Agri.)	19-08-2019	21321	PLANT GENETIC RESOURCES	SANDIP KUMAR PANIGRAHI
8.	2019	M.Sc. (Agri.)	19-08-2019	21312	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SHWETHA R
9.	2019	M.Sc. (Agri.)	19-08-2019	21327	PLANT PATHOLOGY	PASUMARTHI VENKATA DINESH KUMAR
10.	2019	M.Sc. (Agri.)	19-08-2019	21313	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. CHINCHE ANKITA VILASRAO
11.	2019	M.Sc. (Agri.)	19-08-2019	21322	PLANT GENETIC RESOURCES	SUBHAM DEB
12.	2019	M.Sc. (Agri.)	19-08-2019	21323	PLANT GENETIC RESOURCES	MALLIKARJUN BIRADAR
13.	2019	M.Sc. (Agri.)	19-08-2019	21311	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MAHAMED ASHIQ I
14.	2019	M.Sc. (Agri.)	19-08-2019	21326	PLANT PATHOLOGY	MANISH, R
15.	2019	M.Sc. (Agri.)	19-08-2019	21305	MICROBIOLOGY	MANOJ M
16.	2019	M.Sc. (Agri.)	19-08-2019	21328	PLANT PATHOLOGY	MD FIROZ MONDAL
17.	2019	M.Sc. (Agri.)	19-08-2019	21329	PLANT PATHOLOGY	BOOPATHI, N
18.	2019	M.Sc. (Agri.)	19-08-2019	21330	PLANT PATHOLOGY	Ms. SHAIYA SINGH
19.	2019	M.Sc. (Agri.)	19-08-2019	21331	PLANT PATHOLOGY	BASAVARAJ ANDANEPPA DODMANI
20.	2019	M.Sc. (Agri.)	19-08-2019	21332	PLANT PATHOLOGY	BABU B
21.	2019	M.Sc. (Agri.)	19-08-2019	21325	PLANT GENETIC RESOURCES	PRAVEEN GUMACHANAMARDI
22.	2019	M.Sc. (Agri.)	19-08-2019	21299	GENETICS AND PLANT BREEDING	JATIN TANWAR
23.	2019	M.Sc. (Agri.)	19-08-2019	21273	ENTOMOLOGY	Ms. SANGEETA B KATTIMANI
24.	2019	M.Sc. (Agri.)	19-08-2019	21274	ENTOMOLOGY	Ms. SUJATHA G S
25.	2019	M.Sc. (Agri.)	19-08-2019	21275	ENVIRONMENTAL SCIENCES	MAYANK TIWARI
26.	2019	M.Sc. (Agri.)	19-08-2019	21276	ENVIRONMENTAL SCIENCES	Ms. KOKILA, M
27.	2019	M.Sc. (Agri.)	19-08-2019	21293	GENETICS AND PLANT BREEDING	Ms. SHALMA MAMAN
28.	2019	M.Sc. (Agri.)	19-08-2019	21294	GENETICS AND PLANT BREEDING	SHASHIDHAR B R
29.	2019	M.Sc. (Agri.)	19-08-2019	21295	GENETICS AND PLANT BREEDING	UTTARAYAN DASGUPTA
30.	2019	M.Sc. (Agri.)	19-08-2019	21296	GENETICS AND PLANT BREEDING	REVANTH RAGUL, A
31.	2019	M.Sc. (Agri.)	19-08-2019	21308	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	AKASH MAITY
32.	2019	M.Sc. (Agri.)	19-08-2019	21298	GENETICS AND PLANT BREEDING	Ms. BABY S V
33.	2019	M.Sc. (Agri.)	19-08-2019	21310	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MUJAWAR ASHFAK SIRAJMAHAMMAD
34.	2019	M.Sc. (Agri.)	19-08-2019	21300	GENETICS AND PLANT BREEDING	Ms. PURNIMA RAY
35.	2019	M.Sc. (Agri.)	19-08-2019	21301	MICROBIOLOGY	JAYASURYA ANEGUNDI

36.	2019	M.Sc. (Agri.)	19-08-2019	21302	MICROBIOLOGY	Ms. SONAM PRIYADARSHANI
37.	2019	M.Sc. (Agri.)	19-08-2019	21303	MICROBIOLOGY	Ms. KAVYA T
38.	2019	M.Sc. (Agri.)	19-08-2019	21304	MICROBIOLOGY	Ms. KIRUTHIKA A
39.	2019	M.Sc. (Agri.)	19-08-2019	21338	PLANT PHYSIOLOGY	ANIMIREDDY CHINA MALAKONDAIAH
40.	2019	M.Sc. (Agri.)	19-08-2019	21306	MICROBIOLOGY	ASHWANI DHINGRA
41.	2019	M.Sc. (Agri.)	19-08-2019	21333	PLANT PATHOLOGY	ISH PRAKASH
42.	2019	M.Sc. (Agri.)	19-08-2019	21309	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. REKHA MAHATO
43.	2019	M.Sc. (Agri.)	19-08-2019	21297	GENETICS AND PLANT BREEDING	PAVANKUMARNAIK N
44.	2019	M.Sc. (Agri.)	19-08-2019	50054	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SIYARAM MEENA
45.	2019	M.Sc. (Agri.)	19-08-2019	21336	PLANT PHYSIOLOGY	Ms. NIDHI CHATURVEDI
46.	2019	M.Sc. (Agri.)	19-08-2019	21366	WATER SCIENCE AND TECHNOLOGY	ADITYA V MACHNOOR
47.	2019	M.Sc. (Agri.)	19-08-2019	50046	AGRONOMY	ASHOK SINGH
48.	2019	M.Sc. (Agri.)	19-08-2019	50047	AGRONOMY	SUDARSHAN S
49.	2019	M.Sc. (Agri.)	19-08-2019	50048	AGRONOMY	Ms. ANAMIKA BARMAN
50.	2019	M.Sc. (Agri.)	19-08-2019	50049	GENETICS AND PLANT BREEDING	JAYANTH KALLUGUDI
51.	2019	M.Sc. (Agri.)	19-08-2019	50050	GENETICS AND PLANT BREEDING	ASHISH BHATT
52.	2019	M.Sc. (Agri.)	19-08-2019	50051	GENETICS AND PLANT BREEDING	DILEEP PATIDAR
53.	2019	M.Sc. (Agri.)	19-08-2019	21359	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	CHINMOY ROY
54.	2019	M.Sc. (Agri.)	19-08-2019	50053	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	DEBRUP GHOSH
55.	2019	M.Sc. (Agri.)	19-08-2019	21358	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. RITAMBHARA
56.	2019	M.Sc. (Agri.)	19-08-2019	60049	GENETICS AND PLANT BREEDING	Ms. TEJASWINI NAVALLI
57.	2019	M.Sc. (Agri.)	19-08-2019	60050	GENETICS AND PLANT BREEDING	Ms. SAHANA POLICE PATIL
58.	2019	M.Sc. (Agri.)	19-08-2019	60051	GENETICS AND PLANT BREEDING	RAJU GOPAL GADIWADDAR
59.	2019	M.Sc. (Agri.)	19-08-2019	60046	AGRONOMY	AVANEESH KUMAR
60.	2019	M.Sc. (Agri.)	19-08-2019	60047	AGRONOMY	SANTHOSHKUMAR S R
61.	2019	M.Sc. (Agri.)	19-08-2019	60048	AGRONOMY	GANESH PATEL
62.	2019	M.Sc. (Agri.)	19-08-2019	60052	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	PARTHA SARATHI GHORAI
63.	2019	M.Sc. (Agri.)	19-08-2019	60053	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	DEEPAK
64.	2019	M.Sc. (Agri.)	19-08-2019	60054	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SUJIT DAS
65.	2019	M.Sc. (Agri.)	19-08-2019	50052	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SHUBHARANJAN NAYAK
66.	2019	M.Sc. (Agri.)	19-08-2019	21348	SEED SCIENCE AND TECHNOLOGY	VIKRAM
67.	2019	M.Sc. (Agri.)	19-08-2019	21335	PLANT PHYSIOLOGY	SINTO ANTOO
68.	2019	M.Sc. (Agri.)	19-08-2019	21272	ENTOMOLOGY	Ms. NEKKANTI AARTHI
69.	2019	M.Sc. (Agri.)	19-08-2019	21337	PLANT PHYSIOLOGY	Ms. NABAMI CHOUDHURY
70.	2019	M.Sc. (Agri.)	19-08-2019	21344	POST HARVEST TECHNOLOGY	ASHWIJA B N
71.	2019	M.Sc. (Agri.)	19-08-2019	21339	PLANT PHYSIOLOGY	Ms. JYOTI MEHRA
72.	2019	M.Sc. (Agri.)	19-08-2019	21340	PLANT PHYSIOLOGY	Ms. GOPA DEB

73.	2019	M.Sc. (Agri.)	19-08-2019	21341	POST HARVEST TECHNOLOGY	SAJEEL AHAMAD
74.	2019	M.Sc. (Agri.)	19-08-2019	21342	POST HARVEST TECHNOLOGY	T S HANUMESH GOWDA
75.	2019	M.Sc. (Agri.)	19-08-2019	21360	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. CHINMAYEE BEHERA
76.	2019	M.Sc. (Agri.)	19-08-2019	21345	POST HARVEST TECHNOLOGY	THIPPESWAMY B
77.	2019	M.Sc. (Agri.)	19-08-2019	21334	PLANT PATHOLOGY	KARIYAPPA R CHOUDAKER
78.	2019	M.Sc. (Agri.)	19-08-2019	21349	SEED SCIENCE AND TECHNOLOGY	Ms. PAYAL MATHUR
79.	2019	M.Sc. (Agri.)	19-08-2019	21350	SEED SCIENCE AND TECHNOLOGY	Ms. SUSHMA M K
80.	2019	M.Sc. (Agri.)	19-08-2019	21351	SEED SCIENCE AND TECHNOLOGY	Ms. SAMUDRALA VENKATA MOUNIKA
81.	2019	M.Sc. (Agri.)	19-08-2019	21352	SEED SCIENCE AND TECHNOLOGY	MALLANNA
82.	2019	M.Sc. (Agri.)	19-08-2019	21353	SEED SCIENCE AND TECHNOLOGY	BHANU VERMA
83.	2019	M.Sc. (Agri.)	19-08-2019	21354	SEED SCIENCE AND TECHNOLOGY	Ms. RASHMITHA
84.	2019	M.Sc. (Agri.)	19-08-2019	21355	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. SAPTAPARNEE DEY
85.	2019	M.Sc. (Agri.)	19-08-2019	21356	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SHARAT KOTHARI
86.	2019	M.Sc. (Agri.)	19-08-2019	21357	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RAVI SAINI
87.	2019	M.Sc. (Agri.)	19-08-2019	21343	POST HARVEST TECHNOLOGY	DEVESH KUMAR
88.	2019	M.Sc. (Agri.)	19-08-2019	21203	AGRICULTURAL CHEMICALS	SHYAM KUMAR GUPTA
89.	2019	M.Sc. (Agri.)	19-08-2019	21226	AGRICULTURAL EXTENSION	ANKIT MAHAPATRA
90.	2019	M.Sc. (Agri.)	19-08-2019	21227	AGRICULTURAL EXTENSION	ARUN KUMAR G S
91.	2019	M.Sc. (Agri.)	19-08-2019	21228	AGRICULTURAL EXTENSION	Ms. ADUPA SHANMUKA
92.	2019	M.Sc. (Agri.)	19-08-2019	21229	AGRICULTURAL EXTENSION	Ms. HARSHITHA B P
93.	2019	M.Sc. (Agri.)	19-08-2019	21230	AGRICULTURAL EXTENSION	Ms. RASMITA SAHOO
94.	2019	M.Sc. (Agri.)	19-09-2019	21373	MICROBIOLOGY	PULKIT CHAWLA
95.	2019	M.Sc. (Agri.)	19-08-2019	21244	AGRONOMY	VIPIN KUMAR
96.	2019	M.Sc. (Agri.)	19-08-2019	21202	AGRICULTURAL CHEMICALS	RANJEET KUMAR
97.	2019	M.Sc. (Agri.)	19-09-2019	21372	COMPUTER APPLICATION	LALASAB MOMIN
98.	2019	M.Sc. (Agri.)	19-08-2019	21204	AGRICULTURAL CHEMICALS	Ms. RENU
99.	2019	M.Sc. (Agri.)	19-08-2019	21205	AGRICULTURAL CHEMICALS	BISWAJIT HORIJAN
100.	2019	M.Sc. (Agri.)	19-08-2019	21207	AGRICULTURAL ECONOMICS	ASHISH KUMAR VERMA
101.	2019	M.Sc. (Agri.)	19-08-2019	21208	AGRICULTURAL ECONOMICS	Ms. SUSHMA L
102.	2019	M.Sc. (Agri.)	19-08-2019	21241	AGRICULTURAL STATISTICS	PRAVEENKUMAR, A
103.	2019	M.Sc. (Agri.)	19-08-2019	21243	AGRICULTURAL STATISTICS	NAVEEN G P
104.	2019	M.Sc. (Agri.)	19-09-2019	21374	NEMATOTOLOGY	VEERESH A M
105.	2019	M.Sc. (Agri.)	20-09-2019	21376	WATER SCIENCE AND TECHNOLOGY	VIGNESH, P
106.	2019	M.Sc. (Agri.)	19-08-2019	21231	AGRICULTURAL PHYSICS	TARUN KUMAR
107.	2019	M.Sc. (Agri.)	19-09-2019	21375	PLANT GENETIC RESOURCES	NAGARAJ NAIK D
108.	2019	M.Sc. (Agri.)	19-08-2019	21211	AGRICULTURAL ECONOMICS	Ms. MIYIR LOYI
109.	2019	M.Sc. (Agri.)	19-08-2019	21210	AGRICULTURAL ECONOMICS	RAVIKUMAR S

110	2019	M.Sc. (Agri.)	19-08-2019	21239	AGRICULTURAL STATISTICS	KRISHNA
111	2019	M.Sc. (Agri.)	19-08-2019	21238	AGRICULTURAL STATISTICS	MANOJ VARMA
112	2019	M.Sc. (Agri.)	19-08-2019	21225	AGRICULTURAL EXTENSION	SAGAR M P
113	2019	M.Sc. (Agri.)	19-08-2019	21209	AGRICULTURAL ECONOMICS	Ms. GANAVI N R
114	2019	M.Sc. (Agri.)	19-08-2019	21224	AGRICULTURAL EXTENSION	RAKSHITH K S
115	2019	M.Sc. (Agri.)	19-08-2019	21236	AGRICULTURAL STATISTICS	SATYAM VERMA
116	2019	M.Sc. (Agri.)	19-08-2019	21235	AGRICULTURAL PHYSICS	KRISHNA KUMAR SUDHANSU
117	2019	M.Sc. (Agri.)	19-08-2019	21281	ENVIRONMENTAL SCIENCES	Ms. LALTHARMAWII
118	2019	M.Sc. (Agri.)	19-08-2019	21280	ENVIRONMENTAL SCIENCES	AJAY M V
119	2019	M.Sc. (Agri.)	19-09-2019	21370	AGRICULTURAL CHEMICALS	SUMIT SHEKHAR
120	2019	M.Sc. (Agri.)	19-08-2019	21279	ENVIRONMENTAL SCIENCES	SHEMEEM SHAH P
121	2019	M.Sc. (Agri.)	19-08-2019	21242	AGRICULTURAL STATISTICS	ASHUTOSH DALAL
122	2019	M.Sc. (Agri.)	19-08-2019	21237	AGRICULTURAL STATISTICS	KATORE PRAMOD BALKRUSHNA
123	2019	M.Sc. (Agri.)	19-08-2019	21232	AGRICULTURAL PHYSICS	Ms. SAILJA RASTOGI
124	2019	M.Sc. (Agri.)	19-08-2019	21262	COMPUTER APPLICATION	BHAVESH KUMAR CHOUBISA
125	2019	M.Sc. (Agri.)	20-08-2019	21263	COMPUTER APPLICATION	Ms. APOORVA B M
126	2019	M.Sc. (Agri.)	19-08-2019	21245	AGRONOMY	ABHISEK SWAIN
127	2019	M.Sc. (Agri.)	19-08-2019	21265	COMPUTER APPLICATION	Ms. PRATIKSHA SUBBA
128	2019	M.Sc. (Agri.)	19-08-2019	21240	AGRICULTURAL STATISTICS	KAUSHAL KUMAR YADAV
129	2019	M.Sc. (Agri.)	19-08-2019	21277	ENVIRONMENTAL SCIENCES	Ms. POOJA L R
130	2019	M.Sc. (Agri.)	19-08-2019	21261	COMPUTER APPLICATION	SUBHASISH SARKAR
131	2019	M.Sc. (Agri.)	19-08-2019	21233	AGRICULTURAL PHYSICS	BIBHUTI BHUSAN SETHI
132	2019	M.Sc. (Agri.)	19-08-2019	21264	COMPUTER APPLICATION	BHARATHKUMAR N
133	2019	M.Sc. (Agri.)	19-08-2019	21201	AGRICULTURAL CHEMICALS	ANIRBAN SIL
134	2019	M.Sc. (Agri.)	19-08-2019	21271	ENTOMOLOGY	Ms. ISAIYAMUDHINI, T
135	2019	M.Sc. (Agri.)	20-08-2019	21266	COMPUTER APPLICATION	Ms. SUSHMA K
136	2019	M.Sc. (Agri.)	19-08-2019	21268	ENTOMOLOGY	M N RUDRA GOUDA
137	2019	M.Sc. (Agri.)	19-08-2019	21269	ENTOMOLOGY	Ms. J KOMAL
138	2019	M.Sc. (Agri.)	19-08-2019	21270	ENTOMOLOGY	DEEPAK KUMAR MAHANTA
139	2019	M.Sc. (Agri.)	19-08-2019	21234	AGRICULTURAL PHYSICS	ABHRADIP SARKAR
140	2019	M.Sc. (Agri.)	19-08-2019	21253	BIOCHEMISTRY	TAMIL SELVAN, S
141	2019	M.Sc. (Agri.)	19-08-2019	21278	ENVIRONMENTAL SCIENCES	Ms. PRIYANKA KUMARI
142	2019	M.Sc. (Agri.)	19-08-2019	21247	AGRONOMY	Ms. KAJAL ARORA
143	2019	M.Sc. (Agri.)	19-08-2019	21260	BIOINFORMATICS	Ms. CHANDANA V
144	2019	M.Sc. (Agri.)	19-08-2019	21248	AGRONOMY	PRAKASH CHANDRA SINGHA
145	2019	M.Sc. (Agri.)	19-08-2019	21250	BIOCHEMISTRY	Ms. SUSHMITHA J
146	2019	M.Sc. (Agri.)	19-08-2019	21251	BIOCHEMISTRY	Ms. DEBARATI MONDAL

147	2019	M.Sc. (Agri.)	19-08-2019	21252	BIOCHEMISTRY	KANGKAN PANDIT
148	2019	M.Sc. (Agri.)	19-08-2019	21246	AGRONOMY	SHASHANK PATEL
149	2019	M.Sc. (Agri.)	19-08-2019	21254	BIOCHEMISTRY	Ms. ARPITHA S R
150	2019	M.Sc. (Agri.)	19-08-2019	21255	BIOINFORMATICS	BIBEK SAHA
151	2019	M.Sc. (Agri.)	19-08-2019	21256	BIOINFORMATICS	LAL DHARI PATEL
152	2019	M.Sc. (Agri.)	19-08-2019	21257	BIOINFORMATICS	SUMAN V
153	2019	M.Sc. (Agri.)	22-08-2019	21258	BIOINFORMATICS	SHIVADARSHAN SHRISHAIL JIRLI
154	2019	M.Sc. (Agri.)	19-08-2019	21259	BIOINFORMATICS	ASIF ALI V K
155	2019	M.Sc. (Agri.)	19-08-2019	21249	AGRONOMY	AMLAN NATH
156	2019	M.Sc. (Hort.)	19-08-2019	21361	VEGETABLE SCIENCE	TRIDEV BAGHAR
157	2019	M.Sc. (Hort.)	19-08-2019	21364	VEGETABLE SCIENCE	Ms. PASUPULA KARISHMA
158	2019	M.Sc. (Hort.)	19-08-2019	21282	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. SARASWATI
159	2019	M.Sc. (Hort.)	19-08-2019	21365	VEGETABLE SCIENCE	D JANARDHAN REDDY
160	2019	M.Sc. (Hort.)	19-08-2019	21362	VEGETABLE SCIENCE	Ms. PALLAVI B S
161	2019	M.Sc. (Hort.)	19-08-2019	60057	VEGETABLE SCIENCE	BHARATH P
162	2019	M.Sc. (Hort.)	19-08-2019	60055	VEGETABLE SCIENCE	Ms. SHAMANTHA T R
163	2019	M.Sc. (Hort.)	19-08-2019	50055	VEGETABLE SCIENCE	MALATESHA KENCHIKOPPA
164	2019	M.Sc. (Hort.)	19-08-2019	50056	VEGETABLE SCIENCE	Ms. GEETA P KARIGAR
165	2019	M.Sc. (Hort.)	19-08-2019	50057	VEGETABLE SCIENCE	JAYANTH K
166	2019	M.Sc. (Hort.)	19-08-2019	60056	VEGETABLE SCIENCE	PYLA SURESH
167	2019	M.Sc. (Hort.)	19-08-2019	21288	FRUIT SCIENCE	SHIVAM
168	2019	M.Sc. (Hort.)	19-08-2019	21363	VEGETABLE SCIENCE	Ms. GOWTHAMI
169	2019	M.Sc. (Hort.)	19-08-2019	21283	FLORICULTURE AND LANDSCAPE ARCHITECTURE	NANDEESH GANIGA
170	2019	M.Sc. (Hort.)	19-08-2019	21284	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. EDIGA AMALA
171	2019	M.Sc. (Hort.)	19-08-2019	21285	FLORICULTURE AND LANDSCAPE ARCHITECTURE	VIRESH M BELAVANAKI
172	2019	M.Sc. (Hort.)	19-08-2019	21287	FRUIT SCIENCE	Ms. RUTUPARNA SENAPATI
173	2019	M.Sc. (Hort.)	19-08-2019	21289	FRUIT SCIENCE	SANDEEP KUMAR BADHEI
174	2019	M.Sc. (Hort.)	19-08-2019	21290	FRUIT SCIENCE	MUKESH SHIVRAN
175	2019	M.Sc. (Hort.)	19-08-2019	21291	FRUIT SCIENCE	KIRAN K N
176	2019	M.Sc. (Hort.)	19-08-2019	21292	FRUIT SCIENCE	BHUPENDRA SAGORE
177	2019	M.Sc. (Hort.)	19-08-2019	21286	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. PRIYA B B
178	2019	M.Tech.	19-08-2019	21214	AGRICULTURAL ENGINEERING	Ms. REKHA
179	2019	M.Tech.	19-08-2019	21213	AGRICULTURAL ENGINEERING	BHALEKAR DATTATRAY GANESH
180	2019	M.Tech.	19-08-2019	21346	POST HARVEST TECHNOLOGY	KURINCHIMURUGAN N
181	2019	M.Tech.	19-08-2019	21215	AGRICULTURAL ENGINEERING	Ms. MEGHA UGARGOL
182	2019	M.Tech.	19-08-2019	21216	AGRICULTURAL ENGINEERING	MAYANGLAMBAM AARBINDRO SINGH
183	2019	M.Tech.	19-08-2019	21212	AGRICULTURAL ENGINEERING	ANAND SHIVASHIMPAR
184	2019	M.Tech.	19-09-2019	21371	AGRICULTURAL ENGINEERING	Ms. KADAM ARTI MAROTI

185	2019	M.Tech.	19-08-2019	21222	AGRICULTURAL ENGINEERING	RONGALI MAHESH
186	2019	M.Tech.	19-08-2019	21220	AGRICULTURAL ENGINEERING	SHIVAM CHAUBEY
187	2019	M.Tech.	19-08-2019	21219	AGRICULTURAL ENGINEERING	CHETHAN GADDEPPA BARAKER
188	2019	M.Tech.	19-08-2019	21221	AGRICULTURAL ENGINEERING	CHAVDA DHAVALKUMAR RANCHHODBHAI
189	2019	M.Tech.	19-08-2019	21217	AGRICULTURAL ENGINEERING	MONPARA MILAN CHANDULAL
190	2019	M.Tech.	19-08-2019	21218	AGRICULTURAL ENGINEERING	NAGAWADE OMKAR SATISH
191	2019	M.Tech.	19-08-2019	21347	POST HARVEST TECHNOLOGY	JADHAV PRASENJIT SHRIDHAR
192	2019	Ph.D.	19-08-2019	11555	NEMATOLOGY	MANISH KUMAR
193	2019	Ph.D.	19-08-2019	11570	PLANT PATHOLOGY	ROHITH M
194	2019	Ph.D.	19-08-2019	11560	NEMATOLOGY	DEVINDRAPPA
195	2019	Ph.D.	19-08-2019	11577	PLANT PATHOLOGY	Ms. SANGHMITRA ADITYA
196	2019	Ph.D.	19-08-2019	11559	NEMATOLOGY	Ms. VYSHALI
197	2019	Ph.D.	19-08-2019	11561	PLANT GENETIC RESOURCES	Ms. MONIKA JHA
198	2019	Ph.D.	19-08-2019	11556	NEMATOLOGY	ABHISHEK GOWDA A P
199	2019	Ph.D.	19-08-2019	11567	PLANT PATHOLOGY	Ms. PANKHURI SINGHAL
200	2019	Ph.D.	19-08-2019	11553	NEMATOLOGY	ARTHA KUNDU
201	2019	Ph.D.	19-08-2019	11552	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	GOPAL
202	2019	Ph.D.	19-08-2019	11551	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	DHIVYANANDHAM K
203	2019	Ph.D.	19-08-2019	11550	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	DEEPESH KUMAR
204	2019	Ph.D.	19-08-2019	11549	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ZAHERUL ISLAM
205	2019	Ph.D.	19-08-2019	11558	NEMATOLOGY	PRAKASH YALLAPA SHANKHU
206	2019	Ph.D.	19-08-2019	11562	PLANT GENETIC RESOURCES	Ms. DEEPIKA D D
207	2019	Ph.D.	19-08-2019	11564	PLANT GENETIC RESOURCES	Ms. RAMYA K R
208	2019	Ph.D.	19-08-2019	11641	WATER SCIENCE AND TECHNOLOGY	Ms. RASHMI YADAV
209	2019	Ph.D.	19-08-2019	11566	PLANT GENETIC RESOURCES	SHANKAR M
210	2019	Ph.D.	19-08-2019	11568	PLANT PATHOLOGY	Ms. CHARISHMA K
211	2019	Ph.D.	19-08-2019	11571	PLANT PATHOLOGY	GANGARAJ R
212	2019	Ph.D.	19-08-2019	11576	PLANT PATHOLOGY	SURYAKANT MANIK
213	2019	Ph.D.	19-08-2019	11640	WATER SCIENCE AND TECHNOLOGY	Mr. VED PRAKASH MEENA
214	2019	Ph.D.	19-08-2019	11548	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	NARESH KUMAR SAMAL
215	2019	Ph.D.	19-08-2019	11533	GENETICS AND PLANT BREEDING	SHIVANAGOUDA PATIL N
216	2019	Ph.D.	19-08-2019	11569	PLANT PATHOLOGY	Ms. RASHMI E R
217	2019	Ph.D.	19-08-2019	11575	PLANT PATHOLOGY	MANIKANDAN K
218	2019	Ph.D.	19-08-2019	11573	PLANT PATHOLOGY	Ms. NISHMITHA K
219	2019	Ph.D.	19-08-2019	11572	PLANT PATHOLOGY	LHAM DORJEE
220	2019	Ph.D.	19-08-2019	11565	PLANT GENETIC RESOURCES	Ms. SHARMILA M
221	2019	Ph.D.	19-08-2019	11530	GENETICS AND PLANT BREEDING	MANOJ KUMAR PATEL
222	2019	Ph.D.	19-08-2019	11634	VEGETABLE SCIENCE	Ms. S PHIBAHUNJAI SYIEM
223	2019	Ph.D.	19-08-2019	11578	PLANT PATHOLOGY	PEDAPUDI LOKESH BABU
224	2019	Ph.D.	19-08-2019	11523	GENETICS AND PLANT BREEDING	MANOJ GOWDA M
225	2019	Ph.D.	19-08-2019	11522	GENETICS AND PLANT BREEDING	Ms. SONU
226	2019	Ph.D.	19-08-2019	11521	GENETICS AND PLANT BREEDING	NANDAKUMAR S
227	2019	Ph.D.	19-08-2019	11520	GENETICS AND PLANT BREEDING	HRIIPULOU DUO
228	2019	Ph.D.	19-08-2019	11519	GENETICS AND PLANT BREEDING	RAHUL

229	2019	Ph.D.	19-08-2019	11517	FRUIT SCIENCE	ASHOK DHAKAD
230	2019	Ph.D.	19-08-2019	11516	FRUIT SCIENCE	Ms. SUSHMITHA B H
231	2019	Ph.D.	19-08-2019	11524	GENETICS AND PLANT BREEDING	ANUJ KUMAR
232	2019	Ph.D.	19-08-2019	11525	GENETICS AND PLANT BREEDING	MANORANJAN SENAPATI
233	2019	Ph.D.	19-08-2019	11526	GENETICS AND PLANT BREEDING	PRASHANT VASISTH
234	2019	Ph.D.	19-08-2019	11535	GENETICS AND PLANT BREEDING	NARAYANA BHAT DEVATE
235	2019	Ph.D.	19-08-2019	11529	GENETICS AND PLANT BREEDING	Ms. MENIARI TAKU
236	2019	Ph.D.	19-08-2019	11547	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MUHAMMED SHAMNAS V
237	2019	Ph.D.	19-08-2019	11531	GENETICS AND PLANT BREEDING	Ms. SUNAINA YADAV
238	2019	Ph.D.	19-08-2019	11532	GENETICS AND PLANT BREEDING	Ms. NIKKI KUMARI
239	2019	Ph.D.	19-08-2019	11534	GENETICS AND PLANT BREEDING	MANJUNATHA P B
240	2019	Ph.D.	19-08-2019	11536	GENETICS AND PLANT BREEDING	KAMRE KRANTHIKUMAR
241	2019	Ph.D.	19-08-2019	11537	GENETICS AND PLANT BREEDING	HARISHA R
242	2019	Ph.D.	19-08-2019	11539	MICROBIOLOGY	Ms. SAGIA S
243	2019	Ph.D.	19-08-2019	11540	MICROBIOLOGY	Ms. SNEHA G R
244	2019	Ph.D.	19-08-2019	11541	MICROBIOLOGY	Ms. KRUTIKA PATIL
245	2019	Ph.D.	19-08-2019	11542	MICROBIOLOGY	Ms. ASWINI K
246	2019	Ph.D.	19-08-2019	11543	MICROBIOLOGY	Ms. S.RAMYA
247	2019	Ph.D.	19-08-2019	11544	MICROBIOLOGY	Ms. KOKILA V
248	2019	Ph.D.	19-08-2019	11545	MICROBIOLOGY	DILBAG
249	2019	Ph.D.	19-08-2019	11546	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	KRISHNAYAN PAUL
250	2019	Ph.D.	19-08-2019	11528	GENETICS AND PLANT BREEDING	I GOPINATH
251	2019	Ph.D.	19-08-2019	11627	VEGETABLE SCIENCE	SHUBHAM SINGH
252	2019	Ph.D.	19-08-2019	11613	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ABHISHEK DAS
253	2019	Ph.D.	19-08-2019	11614	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. PREMLATA MEENA
254	2019	Ph.D.	19-08-2019	11615	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. POOJA TAMUK
255	2019	Ph.D.	19-08-2019	11616	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	VISHWANATH
256	2019	Ph.D.	19-08-2019	11617	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	THUMMALA GIRI SHASHANK REDDY
257	2019	Ph.D.	19-08-2019	11618	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. ANN MARIA JOSEPH
258	2019	Ph.D.	19-08-2019	11619	VEGETABLE SCIENCE	DHANANJAY A HONGAL
259	2019	Ph.D.	19-08-2019	11620	VEGETABLE SCIENCE	Ms. SANTHIYA S
260	2019	Ph.D.	19-08-2019	11621	VEGETABLE SCIENCE	ANJAN DAS
261	2019	Ph.D.	19-08-2019	11622	VEGETABLE SCIENCE	ARUNA T S
262	2019	Ph.D.	19-08-2019	11623	VEGETABLE SCIENCE	YATHISH V C
263	2019	Ph.D.	19-08-2019	11624	VEGETABLE SCIENCE	Ms. JANANI R
264	2019	Ph.D.	19-08-2019	11632	VEGETABLE SCIENCE	Ms. PARAMITA ROY
265	2019	Ph.D.	19-08-2019	11626	VEGETABLE SCIENCE	SHOHAIB SHEIKH AYUB CHAUHAN
266	2019	Ph.D.	19-08-2019	11610	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	MOHAN KUMAR K T
267	2019	Ph.D.	19-08-2019	11628	VEGETABLE SCIENCE	Ms. BICHHINNA MAITRI ROUT
268	2019	Ph.D.	19-08-2019	11629	VEGETABLE SCIENCE	MANJU SN
269	2019	Ph.D.	19-08-2019	11630	VEGETABLE SCIENCE	MANJUNATHA K G
270	2019	Ph.D.	19-08-2019	11631	VEGETABLE SCIENCE	Ms. LAVANYA H N
271	2019	Ph.D.	19-08-2019	11633	VEGETABLE SCIENCE	RAHUL CHANDEL

272	2019	Ph.D.	19-08-2019	11639	WATER SCIENCE AND TECHNOLOGY	Mr. KISHOR N
273	2019	Ph.D.	19-08-2019	11638	WATER SCIENCE AND TECHNOLOGY	Ms. KIRUTHIGA B
274	2019	Ph.D.	19-08-2019	11637	WATER SCIENCE AND TECHNOLOGY	CHANDAN T
275	2019	Ph.D.	19-08-2019	11636	WATER SCIENCE AND TECHNOLOGY	Ms. DIANA DHAYAL
276	2019	Ph.D.	19-08-2019	11635	WATER SCIENCE AND TECHNOLOGY	Ms. AROCKIA ANUSTY J
277	2019	Ph.D.	19-08-2019	11515	FRUIT SCIENCE	RAKESH KUMAR PANDEY
278	2019	Ph.D.	19-08-2019	11398	AGRICULTURAL ENGINEERING	Ms. ASEEYA WAHID
279	2019	Ph.D.	19-08-2019	11625	VEGETABLE SCIENCE	Ms. PYDI ROSHNI
280	2019	Ph.D.	19-08-2019	11595	POST HARVEST TECHNOLOGY	VITTAL KAMBLE
281	2019	Ph.D.	19-08-2019	11580	PLANT PATHOLOGY	Ms. CHAITHRA M
282	2019	Ph.D.	19-08-2019	11582	PLANT PHYSIOLOGY	JAGADHESAN B
283	2019	Ph.D.	19-08-2019	11583	PLANT PHYSIOLOGY	Ms. JYOTI PRIYA
284	2019	Ph.D.	19-08-2019	11584	PLANT PHYSIOLOGY	Ms. PRIYA PAUL
285	2019	Ph.D.	19-08-2019	11585	PLANT PHYSIOLOGY	Ms. NEHA ANAND
286	2019	Ph.D.	19-08-2019	11586	PLANT PHYSIOLOGY	SURIYAPRAKASH RAJENDRAN
287	2019	Ph.D.	19-08-2019	11587	PLANT PHYSIOLOGY	Ms. DEEPTI TIWARI
288	2019	Ph.D.	19-08-2019	11588	POST HARVEST TECHNOLOGY	AJIT KUMAR SINGH
289	2019	Ph.D.	19-08-2019	11589	POST HARVEST TECHNOLOGY	HARISH H
290	2019	Ph.D.	19-08-2019	11590	POST HARVEST TECHNOLOGY	Ms. SAMPADA SHANKAR
291	2019	Ph.D.	19-08-2019	11591	POST HARVEST TECHNOLOGY	Ms. BINDU H
292	2019	Ph.D.	19-08-2019	11592	POST HARVEST TECHNOLOGY	RAGHAVENDRA H R
293	2019	Ph.D.	19-08-2019	11612	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	SUBHADIP PAUL
294	2019	Ph.D.	19-08-2019	11594	POST HARVEST TECHNOLOGY	HARISH T
295	2019	Ph.D.	19-08-2019	11611	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. MAMTA
296	2019	Ph.D.	19-08-2019	11597	POST HARVEST TECHNOLOGY	URHE SUMIT BHUSAHEB
297	2019	Ph.D.	19-08-2019	11598	SEED SCIENCE AND TECHNOLOGY	Ms. ARCHANA H R
298	2019	Ph.D.	19-08-2019	11599	SEED SCIENCE AND TECHNOLOGY	AKASH A
299	2019	Ph.D.	19-08-2019	11600	SEED SCIENCE AND TECHNOLOGY	RAMAPPA S
300	2019	Ph.D.	19-08-2019	11601	SEED SCIENCE AND TECHNOLOGY	Ms. SHOBHARANI M
301	2019	Ph.D.	19-08-2019	11602	SEED SCIENCE AND TECHNOLOGY	Ms. SHRUTI KUMARI
302	2019	Ph.D.	19-08-2019	11603	SEED SCIENCE AND TECHNOLOGY	Ms. ASHWINI VIJAY SAKPAL
303	2019	Ph.D.	19-08-2019	11604	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ARKAPRAVA ROY
304	2019	Ph.D.	19-08-2019	11605	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	RANABIR CHAKRABORTY
305	2019	Ph.D.	19-08-2019	11606	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	ANIT DAS
306	2019	Ph.D.	19-08-2019	11607	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	KHURSHID ALAM
307	2019	Ph.D.	19-08-2019	11608	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. MOUMITA ASH
308	2019	Ph.D.	19-08-2019	11579	PLANT PATHOLOGY	EMMADI VENU
309	2019	Ph.D.	19-08-2019	11593	POST HARVEST TECHNOLOGY	VIVEK SAURABH
310	2019	Ph.D.	19-08-2019	11431	AGRICULTURAL PHYSICS	KOUSHIK BAG
311	2019	Ph.D.	19-08-2019	11412	AGRICULTURAL ENGINEERING	ACHUGATLA KESAV KUMAR
312	2019	Ph.D.	19-08-2019	11413	AGRICULTURAL ENGINEERING	NAVEEN KUMAR T
313	2019	Ph.D.	19-08-2019	11415	AGRICULTURAL ENGINEERING	KUNDAN KUMAR
314	2019	Ph.D.	19-08-2019	11417	AGRICULTURAL ENGINEERING	AMIT KUMAR

315	2019	Ph.D.	19-08-2019	11419	AGRICULTURAL ENGINEERING	Ms. SADHANI KUMARI
316	2019	Ph.D.	19-08-2019	11420	AGRICULTURAL ENGINEERING	KANTHA VEL
317	2019	Ph.D.	19-08-2019	11421	AGRICULTURAL ENGINEERING	MALKHAN SINGH JATAV
318	2019	Ph.D.	19-08-2019	11422	AGRICULTURAL ENGINEERING	GOTTAM KISHORE
319	2019	Ph.D.	19-08-2019	11423	AGRICULTURAL ENGINEERING	VINOD KUMAR S
320	2019	Ph.D.	19-08-2019	11424	AGRICULTURAL EXTENSION	PRASHANT
321	2019	Ph.D.	19-08-2019	11425	AGRICULTURAL EXTENSION	BHAGIRATH DAS
322	2019	Ph.D.	19-08-2019	11426	AGRICULTURAL EXTENSION	SUJAY BASAPPA KADEMANI
323	2019	Ph.D.	19-08-2019	11401	AGRICULTURAL ENGINEERING	OMKAR GUPTA
324	2019	Ph.D.	19-08-2019	11430	AGRICULTURAL EXTENSION	SURJYA KANTA ROY
325	2019	Ph.D.	19-08-2019	11409	AGRICULTURAL ENGINEERING	SOMNATH GANGARAM YAMAGAR
326	2019	Ph.D.	19-08-2019	11432	AGRICULTURAL PHYSICS	SONA KUMAR
327	2019	Ph.D.	19-08-2019	11433	AGRICULTURAL PHYSICS	Ms. PRIYA BHATTACHARYA
328	2019	Ph.D.	19-08-2019	11434	AGRICULTURAL PHYSICS	ARAVIND K S
329	2019	Ph.D.	19-08-2019	11436	AGRICULTURAL STATISTICS	KRISHNA PADA SARKAR
330	2019	Ph.D.	19-08-2019	11437	AGRICULTURAL STATISTICS	DEBOPAM RAKSHIT
331	2019	Ph.D.	19-08-2019	11438	AGRICULTURAL STATISTICS	Ms. TANIMA DAS
332	2019	Ph.D.	19-08-2019	11439	AGRICULTURAL STATISTICS	Ms. ANKITA VERMA
333	2019	Ph.D.	19-08-2019	11440	AGRICULTURAL STATISTICS	VINAYKUMAR L N
334	2019	Ph.D.	19-08-2019	11441	AGRICULTURAL STATISTICS	RAHUL KUMAR GUPTA
335	2019	Ph.D.	19-08-2019	11442	AGRICULTURAL STATISTICS	VINAYAKA
336	2019	Ph.D.	19-08-2019	11443	AGRICULTURAL STATISTICS	PRABHAT KUMAR
337	2019	Ph.D.	19-08-2019	11444	AGRICULTURAL STATISTICS	RAJUBHAI HARJIBHAI CHAUDHARI
338	2019	Ph.D.	19-08-2019	11427	AGRICULTURAL EXTENSION	Ms. JUHEE AGRAWAL
339	2019	Ph.D.	19-08-2019	11383	AGRICULTURAL ECONOMICS	NEELAKANTAPPA P
340	2019	Ph.D.	29-08-2019	11648	AGRICULTURAL ENGINEERING	GAVHANE KISHOR PANDURANG
341	2019	Ph.D.	03-09-2019	11647	AGRICULTURAL ENGINEERING	Ms. SHILPA S SELVAN
342	2019	Ph.D.	02-09-2019	11651	ENTOMOLOGY	EDULA UDAYKUMAR
343	2019	Ph.D.	30-08-2019	11652	GENETICS AND PLANT BREEDING	CHETHAN KUMAR V
344	2019	Ph.D.	03-09-2019	11653	GENETICS AND PLANT BREEDING	Ms. CHANDANA B S
345	2019	Ph.D.	30-08-2019	11654	PLANT PHYSIOLOGY	RAKTIM MITRA
346	2019	Ph.D.	30-08-2019	11656	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Ms. NIDHI LUTHRA
347	2019	Ph.D.	19-08-2019	11375	AGRICULTURAL CHEMICALS	RAKESH KUMAR
348	2019	Ph.D.	19-08-2019	11376	AGRICULTURAL CHEMICALS	VIJAY KUMAR
349	2019	Ph.D.	19-08-2019	11377	AGRICULTURAL CHEMICALS	Ms. MADHU TIPPANNAVAR
350	2019	Ph.D.	19-08-2019	11378	AGRICULTURAL CHEMICALS	SUBHASIS SARKAR
351	2019	Ph.D.	19-08-2019	11379	AGRICULTURAL CHEMICALS	RANDEEP KUMAR
352	2019	Ph.D.	19-08-2019	11411	AGRICULTURAL ENGINEERING	SIDHARTHA SEKHAR SWAIN
353	2019	Ph.D.	19-08-2019	11382	AGRICULTURAL ECONOMICS	Ms. MOUSUMI PRIYADARSHINI
354	2019	Ph.D.	19-08-2019	11410	AGRICULTURAL ENGINEERING	RATHOD SUNIL KUMAR
355	2019	Ph.D.	19-08-2019	11384	AGRICULTURAL ECONOMICS	ATHARE PRAKASH GORAKSHA
356	2019	Ph.D.	19-08-2019	11385	AGRICULTURAL ECONOMICS	OMPRAKASH NAIK N
357	2019	Ph.D.	19-08-2019	11386	AGRICULTURAL ECONOMICS	SUBRATA GORAIN
358	2019	Ph.D.	19-08-2019	11387	AGRICULTURAL ECONOMICS	VISHALKUMAR SURESH HOSAMANI

359	2019	Ph.D.	19-08-2019	11460	BIOCHEMISTRY	NAGESH C R
360	2019	Ph.D.	19-08-2019	11399	AGRICULTURAL ENGINEERING	NRUSINGH CHARAN PRADHAN
361	2019	Ph.D.	19-08-2019	11642	WATER SCIENCE AND TECHNOLOGY	Ms. SANGEETA
362	2019	Ph.D.	19-08-2019	11404	AGRICULTURAL ENGINEERING	PARMANAND SAHU
363	2019	Ph.D.	19-08-2019	11405	AGRICULTURAL ENGINEERING	ABHISHEK PATEL
364	2019	Ph.D.	19-08-2019	11406	AGRICULTURAL ENGINEERING	AJAY KUSHWAH
365	2019	Ph.D.	19-08-2019	11407	AGRICULTURAL ENGINEERING	Ms. MATTAPARTHI LAKSHMI DURGA
366	2019	Ph.D.	19-08-2019	11408	AGRICULTURAL ENGINEERING	RAMINENI HARSHA NAG
367	2019	Ph.D.	19-08-2019	11447	AGRONOMY	KAMAL GARG
368	2019	Ph.D.	19-08-2019	11380	AGRICULTURAL ECONOMICS	Ms. NANDINI SAHA
369	2019	Ph.D.	19-08-2019	11497	FLORICULTURE AND LANDSCAPE ARCHITECTURE	DAVENDRA KUMAR
370	2019	Ph.D.	19-08-2019	11445	AGRONOMY	KIRTIRANJAN BARAL
371	2019	Ph.D.	19-08-2019	11484	ENTOMOLOGY	Ms. KARSHANAL J
372	2019	Ph.D.	19-08-2019	11485	ENTOMOLOGY	SANDEEP KUMAR
373	2019	Ph.D.	19-08-2019	11486	ENTOMOLOGY	ANIL KUMAR S T
374	2019	Ph.D.	19-08-2019	11487	ENTOMOLOGY	DEVENDRA KUMAR MEENA
375	2019	Ph.D.	19-08-2019	11488	ENTOMOLOGY	BASAVARAJ N HADIMANI
376	2019	Ph.D.	19-08-2019	11489	ENTOMOLOGY	Ms. PYNHUNLIN NOLA KHARKRANG DOHLING
377	2019	Ph.D.	19-08-2019	11490	ENVIRONMENTAL SCIENCES	Ms. DIVYA POOJA B
378	2019	Ph.D.	19-08-2019	11491	ENVIRONMENTAL SCIENCES	Ms. SHRAVANI SANYAL
379	2019	Ph.D.	19-08-2019	11492	ENVIRONMENTAL SCIENCES	Ms. MAMTA BISHT
380	2019	Ph.D.	19-08-2019	11493	ENVIRONMENTAL SCIENCES	Ms. VINITA
381	2019	Ph.D.	19-08-2019	11494	ENVIRONMENTAL SCIENCES	Ms. J GAYATHRI
382	2019	Ph.D.	19-08-2019	11482	ENTOMOLOGY	ASHOK KUMAR SAU
383	2019	Ph.D.	19-08-2019	11496	ENVIRONMENTAL SCIENCES	KUDIMETHA GANESH KUMAR
384	2019	Ph.D.	19-08-2019	11481	ENTOMOLOGY	Ms. DEEKSHA M G
385	2019	Ph.D.	19-08-2019	11498	FLORICULTURE AND LANDSCAPE ARCHITECTURE	SAGAR C T
386	2019	Ph.D.	19-08-2019	11499	FLORICULTURE AND LANDSCAPE ARCHITECTURE	ROHITH R
387	2019	Ph.D.	19-08-2019	11500	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. SANGEETHA PRIYA S
388	2019	Ph.D.	19-08-2019	11501	FLORICULTURE AND LANDSCAPE ARCHITECTURE	TEJUKUMAR B K
389	2019	Ph.D.	19-08-2019	11502	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. KOPPALA DEEPTHI
390	2019	Ph.D.	19-08-2019	11503	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. RAYAVARAPU TEJASWI
391	2019	Ph.D.	19-08-2019	11504	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. CHETNA JYOTI
392	2019	Ph.D.	19-08-2019	11505	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. AYESHA N
393	2019	Ph.D.	19-08-2019	11508	FRUIT SCIENCE	Ms. MEGHA R
394	2019	Ph.D.	19-08-2019	11509	FRUIT SCIENCE	SANDEEP
395	2019	Ph.D.	19-08-2019	11511	FRUIT SCIENCE	NIKHIL H N
396	2019	Ph.D.	19-08-2019	11512	FRUIT SCIENCE	NITIN P S
397	2019	Ph.D.	19-08-2019	11513	FRUIT SCIENCE	Ms. ANUSHA N M
398	2019	Ph.D.	19-08-2019	11495	ENVIRONMENTAL SCIENCES	RAVI KUMAR
399	2019	Ph.D.	19-08-2019	11465	BIOINFORMATICS	Ms. TANWY DASMANDAL
400	2019	Ph.D.	19-08-2019	11514	FRUIT SCIENCE	Ms. JNAPIKA K H

401	2019	Ph.D.	19-08-2019	11448	AGRONOMY	AKSHAY KUMAR YOGI
402	2019	Ph.D.	19-08-2019	11449	AGRONOMY	SHYAM C S seema sadana
403	2019	Ph.D.	19-08-2019	11450	AGRONOMY	Ms. ANKUR BHAKAR
404	2019	Ph.D.	19-08-2019	11451	AGRONOMY	CHUNENDRA PRAKASH
405	2019	Ph.D.	19-08-2019	11454	AGRONOMY	R RUSTUM ZHIIPAO
406	2019	Ph.D.	19-08-2019	11455	AGRONOMY	MADAM VIKRAMARJUN
407	2019	Ph.D.	19-08-2019	11456	AGRONOMY	ARKAPRAVA ROY
408	2019	Ph.D.	19-08-2019	11457	AGRONOMY	SACHIN K S
409	2019	Ph.D.	19-08-2019	11459	BIOCHEMISTRY	Ms. ARTI KUMARI
410	2019	Ph.D.	19-08-2019	11461	BIOCHEMISTRY	SHAHNOOR ALAM
411	2019	Ph.D.	19-08-2019	11462	BIOCHEMISTRY	DURGASI VENKATA BHARGAV
412	2019	Ph.D.	19-08-2019	11483	ENTOMOLOGY	G R HITHESH
413	2019	Ph.D.	19-08-2019	11464	BIOCHEMISTRY	Ms. SIMARDEEP KAUR
414	2019	Ph.D.	19-08-2019	11446	AGRONOMY	HARI SANKAR NAYAK
415	2019	Ph.D.	19-08-2019	11466	BIOINFORMATICS	NITESH KUMAR SHARMA
416	2019	Ph.D.	19-08-2019	11467	BIOINFORMATICS	BAIBHAV KUMAR
417	2019	Ph.D.	19-08-2019	11468	BIOINFORMATICS	JUTAN DAS
418	2019	Ph.D.	19-08-2019	11469	COMPUTER APPLICATION	ABHISHEKH M.P.
419	2019	Ph.D.	19-08-2019	11470	COMPUTER APPLICATION	AMIT SAHA
420	2019	Ph.D.	19-08-2019	11471	COMPUTER APPLICATION	Ms. PREETY DAGAR
421	2019	Ph.D.	19-08-2019	11472	COMPUTER APPLICATION	BANOTH JAGDISH NAIK
422	2019	Ph.D.	19-08-2019	11474	COMPUTER APPLICATION	ROHIT KUMAR SINGH
423	2019	Ph.D.	19-08-2019	11475	COMPUTER APPLICATION	MURARI KUMAR
424	2019	Ph.D.	19-08-2019	11476	ENTOMOLOGY	MAHESH MAHADEV JADHAV
425	2019	Ph.D.	19-08-2019	11478	ENTOMOLOGY	K SRINIVAS
426	2019	Ph.D.	19-08-2019	11479	ENTOMOLOGY	SANTHOSH NAIK
427	2019	Ph.D.	19-08-2019	11480	ENTOMOLOGY	Ms. JAT MONICA
428	2019	Ph.D.	19-08-2019	11463	BIOCHEMISTRY	ABHISHEK CHITRANASHI
429	2019	Ph.D.	19-08-2019	11389	AGRICULTURAL ENGINEERING	DHARMENDER
430	2019	Ph.D.	19-08-2019	11458	AGRONOMY	BANKERLANG KHONGWIR
431	2019	Ph.D.	09-09-2019	11657	AGRICULTURAL ENGINEERING	MADHUSUDAN B S
432	2019	Ph.D.	11-09-2019	11658	AGRICULTURAL ENGINEERING	Ms. LAKSHMI POOJITHA CHALLA
433	2019	Ph.D.	19-08-2019	11395	AGRICULTURAL ENGINEERING	Ms. CHINMAYEE PARIDA
434	2019	Ph.D.	19-08-2019	11394	AGRICULTURAL ENGINEERING	RAJENDRA HAMAD
435	2019	Ph.D.	19-08-2019	11393	AGRICULTURAL ENGINEERING	Ms. KHUSHBOO GUPTA
436	2019	Ph.D.	19-08-2019	11392	AGRICULTURAL ENGINEERING	Ms. SILPA MANDAL
437	2019	Ph.D.	19-08-2019	11391	AGRICULTURAL ENGINEERING	Ms. BOGALA PRAVALLIKA

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-I/1-410/AC/2019

September 05, 2019

ENDORSEMENT

A copy of the proceedings of the 410th meeting of the Academic Council held on 25th July, 2019 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council and concerned Officers (By name) _____
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Master of Halls of Residences, P.G. School Hostel Office
5. Sr. Admn. Officer, IMC (For members of Board of Management)
6. PS to Director/PS to Dean & Joint Director (Edn.), IARI/PS to Registrar/PS to Comptroller
7. Technical Assistants, P G School (IT Cell/Stats. Cell)
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I


(K.M. Manjaiah)
Associate Dean

**PROCEEDINGS OF THE 410th MEETING OF THE ACADEMIC COUNCIL
HELD ON JULY 25, 2019 AT 10.30 AM IN THE CONFERENCE HALL OF PROF.
M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI - 110012**

The following members were present:

1. Dr. A.K. Singh, Director (Additional charge), IARI	Chairman
2. Dr. J.P. Sharma, Joint Director (Extn.), IARI	Vice Chairman
3. Dr. P.K. Joshi, Director, South Asia, IFPRI	Member
4. Dr. A.K. Singh, Former Vice-Chancellor, RVSKVV, Gwalior	Member
5. Dr. H.S. Gupta, Former DG, BISA & Director, IARI	Member
6. Dr. A.K. Singh, Joint Director (Res.) (Additional charge), IARI	Member
7. Dr. L.M. Bhar, Director, IASRI (Additional Charge)	Member
8. Dr. M.R. Dinesh, Director, IIHR, Bengaluru	Member
9. Dr. Maharani Din, Director, CIAE (Additional Charge), Bhopal	Member
10. Dr. Man Singh, Project Director (Acting), WTC & Professor, WST	Member
11. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
12. Dr.(Ms.) Neera Singh, Professor, Agricultural Chemicals	Member
13. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics	Member
14. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
12. Dr.(Ms.) Seema Jaggi, Professor, Agricultural Statistics	Member
13. Dr. T.K. Das, Professor, Agronomy	Member
14. Dr.(Ms.) Aruna Tyagi, Professor, Biochemistry	Member
15. Dr. A.R. Rao Professor, Bioinformatics	Member
16. Dr. Subhas Chander, Professor, Entomology	Member
17. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
18. Dr. K.P. Singh, Professor, Floriculture and Landscape Architecture	Member
19. Dr. O.P. Awasthi, Professor, Fruit Science	Member
20. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
21. Dr.(Mrs.) Radha Prasanna, Professor, Microbiology	Member
22. Dr. Debasis Pattanayak, Professor, MBB	Member
23. Dr. M.R. Khan, Professor, Nematology	Member
24. Dr.(Ms.) Veena Gupta, Professor, PGR	Member
25. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
26. Dr. Madan Pal Singh, Professor, Plant Physiology	Member
27. Dr. S.K. Jha, Professor, Post Harvest Technology	Member
28. Dr. S.K. Jain, Professor, Seed Science & Technology	Member
29. Dr. S.P. Datta, Professor, SS&AC	Member
30. Dr. T.K. Behera, Professor, Vegetable Science	Member
31. Dr. Anil Sirohi, MOHR, PG Hostels	Member
32. Dr. A. Nagaraja, Senior Scientist, Fruit Science and Faculty Representative to the Academic Council	Member
33. Dr. Mahesh C. Yadav, Principal Scientist, NBPGR and Faculty Representative to the Academic Council	Member
34. Mrs. Rajshree Anand, Incharge, IARI Library	Member
35. Mr. B.R. Tribhuvan, President, PGSSU	Member
36. Ms. Priti Priyadarshni, Students' Representative to the AC	Member
37. Mr. Ratnesh Kumar, Registrar & Joint Director (Admn.)	Member Secretary

Leave of absence was sought and granted to the following members:

1. Dr. N.S. Rathore, Deputy Director General (Edn.), ICAR
2. Dr. S.N. Puri, Former Vice-Chancellor, CAU, Imphal
3. Dr. (Mrs.) Rashmi Aggarwal, Dean & Joint Director (Edn.)(Additional charge), IARI
4. Dr. Kuldeep Singh, Director, NBPGR
5. Dr. N.K. Singh, Director, NIPB (Additional Charge)
6. Dr. P.R. Ojasvi, Director, IISWC, Dehradun(Additional Charge)
7. Dr. R.N. Padaria, Professor, Agricultural Extension
8. Dr. V.K. Sehgal, Professor, Agricultural Physics
9. Dr. Sudeep Marwaha, Professor, Computer Application
10. Sh. V.R. Srinivasan, Comptroller, IARI

Dr. J.P. Sharma, Dean and Joint Director (Edn.) extended a formal welcome to Dr. A.K. Singh, Director, IARI and Chairman, Academic Council. Thereafter, Dr. A.K. Singh, Chairman of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. The Chairman also welcomed the new members of the Academic Council attending the meeting for the first time:

New members

1. Dr. Maharani Din, Director, CIAE (Additional Charge), Bhopal
2. Dr.(Ms.) Neera Singh, Professor, Agricultural Chemicals, IARI
3. Dr. Debasis Pattanayak, Professor, Molecular Biology and Biotechnology, NIPB
4. Shri Ratnesh Kumar, Registrar and Joint Director (Admn.), IARI

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. K.K. Singh, Director CIAE, Bhopal
2. Dr.(Mrs.) Shashi Bala Singh, Professor, Agricultural Chemicals, IARI
3. Dr. R.C. Bhattacharya, Professor, Molecular Biology and Biotechnology, NIPB
4. Shri Kailash Chandra Joshi, Registrar and Joint Director (Admn.), IARI

The following Members of the Examination Committee also attended as Special Invitees:

1. Dr. C. Viswanathan, Head, Plant Physiology and Chairman of Exam Committee
2. Dr. Anil Dahuja, Principal Scientist, Biochemistry
3. Dr. A. Kumar, Principal Scientist, Plant Pathology

The Director and Chairman, Academic Council apprised the Academic Council about the educational and research achievements at the Institute viz. 57th Convocation week programme, IARI foundation day celebration; Krishi vigyan mela; PG outreach programme at IIHR and CIAE; IARI-Jharkhand and IARI-Assam; special lectures arranged, institution building activities in other countries and success of students in the ARS 2017 exam.

Thereafter, the following agenda items were taken up for consideration:

Agenda Item No.	Description of Agenda Items
410.1	Confirmation of the proceedings of the 409 th meeting of the Academic Council held on February 7, 2019
410.2	Action taken report on the Proceedings of the 409 th meeting of the Academic Council held on February 7, 2019
410.3	Recommendations of the Committee constituted for revisiting the

	guidelines under para 3.23.2 (i) of P.G. School Calendar held on June 21, 2019
410.4	Recommendations of the Standing Committee on Faculty & Discipline made in its meeting held on June 27, 2019
410.5	Recommendations of the Standing Committee on Students Problems and Discipline, Welfare Board and Residences made in its meetings held on February 15, 2019 and March 18, 2019
410.6	Consideration of the draft MOU received from Vice-Chancellor, RLBCAU, Jhansi for collaborative work
410.7	Finalization of the results of the candidates for their admission to M.Sc./M.Tech./Ph.D. degree courses at IARI for the Academic Session 2019-20
410.8	Any other item with the permission of the Chair

Agenda Item No. 410.1: Confirmation of the Proceedings of the 409th meeting of the Academic Council held on 7.2.2019

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 409th meeting. Since no comment was there, the proceedings of the previous meeting was confirmed by the house.

Agenda Item No. 410.2: Report on action taken on the proceedings of the 409th meeting of the Academic Council held on 7.2.2019

Dean and Joint Director (Education) presented the action taken report which was approved by the house.

Agenda Item No. 410.3 Consideration of the proceedings of the meeting of the Committee constituted for revisiting the guidelines under para 3.23.2(i) of P.G. School Calendar held on 21.6.2019

The Academic Council approved the recommendation of the Committee on existing guideline of para 3.23.2(i) of P.G. School Calendar i.e. "*The faculty members, irrespective of their location, shall belong to their parent discipline*". After detailed deliberations, the Academic Council decided that the above rule may be followed strictly. However, the following recommendations of the Committee shall be applicable on case to case basis and with full justification.

410.3.1 For any of the disciplines at IARI, the scientist's posting as per the revised cadre strength in a particular Division may be considered for induction as faculty of that discipline.

410.3.2 For PG Outreach Programme at IIHR & CIAE, research experience of the Scientist in a particular discipline in which he/she desires to be inducted as faculty member should be minimum 10 years in that subject area as per the records of the establishment/Institute. Further, (a) Scientists with specialization in Genetics, Botany, Plant Physiology, Plant Pathology, MBB, Microbiology, Entomology may be made eligible for the Horticultural disciplines viz., FLS, PHT-horticultural crops, Fruit Science and Vegetable Science at IIHR, Bengaluru and (b) similarly Scientists with specialization in Electronics/Electrical/Mechanical Engg./Computer Science/Computer application for the disciplines of Agricultural Engineering at CIAE, Bhopal.

410.3.3 On the basis of above (410.3.1), the candidatures of Dr. Archana Watts, Scientist, Division of Plant Physiology and Dr. M.A. Khan, Principal Scientist, Division of SSAC was approved for induction into P.G. Faculty of their posting discipline as a special case.

Agenda Item No. 410.4 Consideration of the proceedings of the meeting of the Standing Committee on Faculty and Discipline held on 27.6.2019

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

410.4.1 Induction of following 29 Scientists into PG School Faculty in their respective disciplines at IARI (17) and IARI PG outreach Programme at IIHR (5) and CIAE (7) as they meet the qualifications/eligibility criteria as per prescribed guidelines.

S. No.	Name & Designation	Name of the Discipline
IARI, New Delhi		
1	Dr. Ravindra Singh Shekhawat, Scientist, IASRI	Agricultural Economics
2	Dr. Renjini V.R., Scientist	-do-
3	Dr. Aradwad Pramod Pandurang, Scientist	Agricultural Engineering (APSE)
4	Dr. Rajeev Kumar, Scientist	Agricultural Engineering (FMP)
5	Dr. Ishwar Singh, Principal Scientist, NBPGR	Agronomy
6	Dr. Shiv Mangal Prasad, Principal Scientist, CRURRS (NRRI), Hazaribag	-do-
7	Dr. Subhash Babu, Scientist, ICAR Research Centre for NEH Region, Umiam, Meghalaya	-do-
8	Mrs. Sunita Yadav, Scientist, CESCRA	Environmental Sciences
9	Dr. Rajkumar Uttamrao Zunjare, Scientist	Genetics and Plant Breeding
10	Dr. Vikas V.K., Scientist, IARI, RS Wellington	-do-
11	Dr. Gayacharan, Scientist, NBPGR	Plant Genetics Resources
12	Dr. S. Vimala Devi, Senior Scientist, NBPGR	-do-
13	Dr. Sangita Bansal, Principal Scientist, NBPGR	-do-
14	Dr. Shumaila Shahid, Scientist	Plant Pathology
15	Dr. C. Manjunatha, Scientist, IARI, RS Wellington	-do-
16	Dr. Debasis Golui, Scientist, SSAC	Soil Science and Agricultural Chemistry
17	Dr. Debarup Das, Scientist, SSAC	-do-
IIHR, Bengaluru		
18	Dr. M. Arivalagan, Scientist, IIHR	Biochemistry
19	Dr. G.R. Smitha, Scientist, IIHR	Floriculture and landscape Architecture
20	Dr. H.C. Prasanna, Principal Scientist, IIHR	Genetics and Plant Breeding
21	Dr. Priti S. Sonavane, Scientist, IIHR	Plant Pathology
22	Dr. V. Venkataravanappa, Scientist (SS), IIHR	-do-
CIAE, Bhopal		
23	Dr. Dilip Jat, Scientist, CIAE	Agricultural Engineering (FMP)
24	Mr. Deepak Thorat, Scientist, CIAE	-do-
25	Dr. Sandip Mondal, Scientist, CIAE	-do-
26	Dr. Abhijit Khadatkar, Scientist, CIAE	-do-
27	Dr. Bikaram Jyoti, Scientist, CIAE	-do-
28	Mrs. Sweeti Kumari, Scientist CIAE	-do-

29	Mr. Satya Prakash Kumar, Scientist, CIAE	-do- (FMP)
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410.4.2 Non Induction of Mr. Vijay Kumar, Scientist, CIAE, Bhopal into PG School Faculty as he **did not meet** the prescribed requirement of Research Papers.

410.4.3 Recognition of the following 26 faculty members as Research guides for M.Sc. guidance in their respective disciplines as they **meet the prescribed requirements** for becoming the research guides at IARI, New Delhi and IARI PG outreach Program at IIHR, Bengaluru.

S. No.	Name & Designation	Name of the Discipline
IARI, New Delhi		
1	Dr. P. Anbukkani, Scientist	Agricultural Economics
2	Dr. Kingsly Immaulraj T., Scientist, NIAP	-do-
3	Dr. Roaf Ahmed Parray, Scientist	Agricultural Engineering (FMP)
4	Dr. Nikam Vinayak Ramesh, Scientist	Agricultural Extension
5	Dr. Teekam Singh, Senior Scientist	Agronomy
6	Dr. Amalendu Ghosh, Scientist (SS)	Entomology
7	Dr. Reeta Bhatia Dey, Scientist	Floriculture and Landscape Architecture
8	Dr. Nimisha Sharma, Senior Scientist	Fruit Science
9	Dr. Minakshi Grover, Principal Scientist	Microbiology
10	Dr. Onkar Nath Tiwari, Sr. Scientist	-do-
11	Dr. V. Govindasamy, Scientist	-do-
12	Dr. Bharat H.G, Scientist	Nematology
13	Dr. Sandhya Gupta, Principal Scientist	Plant Genetics Resources
14	Dr. G. Prakash, Scientist	Plant Pathology
15	Dr. Sudhir Kumar, Scientist	Plant Physiology
16	Dr. Alka Joshi, Scientist	Post Harvest Technology
17	Dr. Shrila Das, Scientist	Soil Science and Agricultural Chemistry
18	Dr. Ruma Das, Scientist	-do-
19	Mr. Chobe K. Atmaram, Scientist	-do-
20	Dr. Brij Bihari Sharma, Scientist	Vegetable Science
21	Dr. Arpita Srivastava, Scientist	-do-
IIHR, Bengaluru		
22	Dr. M. Sankaran, Principal Scientist, IIHR	Fruit Science
23	Dr. Anuradha Sane, Principal Scientist, IIHR	-do-
24	Dr. T. Sakthivel, Principal Scientist, IIHR	-do-
25	Dr. J. Satisha, Principal Scientist, IIHR	-do-
26	Dr. K. Padmini, Principal Scientist, IIHR	Vegetable Science

410.4.4 Recognition of Dr. Chandra Deep Singh, Principal Scientist, CIAE, Bhopal as Research Guide (as a special case, after relaxing requirement of two M.Sc./M.Tech Students guidance experience) keeping in view of the shortage of faculty in the discipline of Agriculture Engineering (SWCE).

410.4.5 Non-recognition of the following faculty members as Research Guides for IARI PG outreach program at IIHR, Bengaluru and CIAE, Bhopal as they **did not**

meet the prescribed requirement of teaching experience/Research Publications:

S. No.	Name and Designation	Name of the Discipline	Reason for declining
IIHR, Bengaluru			
1	Dr. Prakash Chandra Tripathi, Principal Scientist, IIHR	Fruit Science	Short of five year teaching and 2 M.Sc. student Guidance experience
2	Dr. T. Usha Bharathi, Scientist, IIHR	Floriculture and Landscape Architecture	Short of five years teaching, Research papers and two M.Sc. students guidance experience
CIAE, Bhopal			
3	Dr. Narendra Singh Chandel, Scientist, CIAE	Ag. Engineering (FMP)	Short of teaching experience and two M.Sc./M.Tech. students Guidance experience
4	Dr. Adinath Kate, Scientist CIAE	Ag. Engineering (FMP)	-do-
5	Dr. Chandra Kant Saxena, Senior Scientist, CIAE	Ag. Engineering (SWCE)	Short of Research paper and two M.Sc./M.Tech. students Guidance experience
6	Dr. Chandra Deep Singh, Principal Scientist, CIAE	Ag. Engineering (SWCE)	Short of two M.Sc./M.Tech. students Guidance experience
7	Dr. Karan Singh, Principal Scientist., CIAE	Computer Application	-do-

410.4.6 Recognition of the following Scientists of IIVR, Varanasi as Co-Research guide for Ph.D. students admitted at IARI in the discipline of Vegetable Science as they meet the prescribed requirement for becoming the Co-research guides:

S. No.	Name & Designation
1.	Dr. Nagendra Rai, Principal Scientist, IIVR
2.	Dr. Rakesh Kumar Dubey, Senior Scientist, IIVR

410.4.7 Non recognition of the following Scientists of NIBSM/IIVR as Co-Research guide for Ph.D. students admitted at IARI in their respective disciplines:

S. No.	Name and Designation	Name of the Discipline	Reason for declining
1.	Dr. R.K. Murali Baskaran, Principal Scientist, NIBSM	Entomology	Necessary facilities are yet to be created at NIBSM
2.	Dr. Anil Dixit, Principal Scientist, NIBSM	Agronomy	
3.	Dr. Pankaj Kaushal, Joint Director (Research), NIBSM	Genetics and Plant Breeding	
4.	Dr. Achuit Kumar Singh, Principal Scientist, IIVR	Plant Biotechnology	BOS, Molecular Biology and Biotechnology has not recommended his candidature

410.4.8 Non recognition of the following Scientists of IIVR/NIASM/NIBSM as Co-Research guide for Ph.D. students admitted at IARI in their respective disciplines

as they **did not meet** the prescribed requirement for becoming the Co-research guides:

S. No.	Name and Designation	Name of the Discipline	Reason for declining
1	Dr. Anant Bahadur, Principal Scientist, IIVR	Vegetable Science	Short of teaching experience/ Short of guidance experience as major guide
2	Dr. Sudhakar Pandey, Principal Scientist, IIVR	-do-	-do-
3	Dr. D.R. Bhardwaj, Principal Scientist, IIVR	-do-	-do-
4	Dr. Rajesh Kumar, Principal Scientist, IIVR	-do-	-do-
5	Dr. P. Mohan Singh, Principal Scientist, IIVR	-do-	Short of teaching and guidance experience
6	Dr. D.K. Singh, Principal Scientist, IIVR	Agricultural Engineering	-do-
7	Dr. Jagdish Singh, Principal Scientist, IIVR	Biochemistry	-do-
8	Dr. H.C. Prasanna, Principal Scientist, IIVR	Genetics and Plant Breeding	-do-
9	Dr. R.V. Yadava, Principal Scientist, IIVR	Soil Science	Short of teaching experience/ Short of guidance experience as major guide
10	Dr. Sridhar Jandrajupalli, Scientist, NIBSM	Entomology	-do-
11	Dr. K C. Sharma, Senior Scientist, NIBSM	-do-	Short of teaching, guidance experience and two research papers
12	Dr. Mallikarjuna J., Scientist, NIBSM	-do-	Short of teaching, guidance experience and three research papers
13	Dr. Ashish Marathe, Scientist, NIBSM	Biochemistry	Short of teaching and guidance experience
14	Mr. L. L. Kharbikar, Scientist, NIBSM	MBB	Short of teaching, guidance experience and two research papers
15	Dr. Vinay Kumar, Scientist, NIBSM	-do-	Short of teaching and guidance experience
16	Dr. P.N. Sivalingam, Sr. Scientist, NIBSM	Plant Pathology	-do-
17	Dr. Jagadish Rane, Principal Scientist, NIASM	Plant Physiology	-do-
18	Dr. Mahesh Kumar, Scientist, NIASM	-do-	-do-
19	Dr. G. C. Wakchaure, Scientist SS, NIASM	Agricultural Engineering	-do-
20	Dr. Dhananjay D. N, Senior Scientist, NIASM	-do-	-do-
21	Dr. Ajay Kr. Singh, Senior Scientist, NIASM	MBB	-do-
22	Dr. Aliza Pradhan, Scientist, NIASM	Agronomy	Short of teaching, guidance experience and three research papers

410.4.9 Out of the three proposals on Adjunct Faculty i.e., (i) Dr. Pitam Chandra, Former Director, CIAE, Bhopal (ii) Dr. T.B.S. Rajput, Former Emeritus Scientist, WTC, IARI and (iii) Dr. K.C. Bansal, Former Director, NBPGR, the Academic Council after detailed discussion **approved** the following **two** scientists for recognition of Adjunct Faculty at IARI as per prescribed guidelines of PG School.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Pitam Chandra, Former Director, CIAE, Bhopal	Post Harvest Technology
2.	Dr. T.B.S. Rajput, Former Emeritus Scientist, WTC, IARI	Agricultural Engineering

Dr. K.C. Bansal, Former Director, NBPGR may be invited as and when required.

Agenda Item No. 410.5 Consideration of the proceedings of the meeting of the Standing Committee on Students Problems and Discipline, Welfare Board and Residences held on 15.2.2019 and 18.3.2019

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

410.5.1 Revised fee Structure applicable to all the students from 2019-20 academic session subject to condition that existing students shall be charged at existing rates except the Hostel Fee as per detail given below:

Description of Fee	For Master's Programme (in Rupees)	For Doctoral Programme (in Rupees)
Registration fee (once in degree programme)	500/-	500/-
Tuition Fee (per annum)	10,000/-	12,000/-
Students Hostel Fee*		
i. Hostel fee (per annum)	5,000/-	5,000/-
ii. Electricity & Water Charges (per annum)	3,000/-	3000/-
Married Hostel Fee*		
i. Hostel fee (per annum)	12,000/-	12,000/-
ii. Electricity & Water Charges	Actual	Actual
International Hostel Fee (wherever international hostel exists)		
i. Hostel fee (per month)	2,000/-	2,000/-
ii. Electricity & Water Charges	Actual	Actual
Examination Fee (per annum)	1,000/-	1,000/-
Comprehensive Exam (once in degree programme)	1,000/-	2,000/-
Thesis Evaluation (once in degree programme)	1,000/-	2,000/-
Caution Money at the time of Registration (refundable)	10,000/-	10,000/-

*Hostel fee will be applicable to both existing and newly admitted students.

410.5.2 Imprest amount enhancement to Rs.50,000/- and the limit for submission of bills at a time enhanced to Rs.25,000/-.

410.5.3 Compulsory health insurance to students from the current academic session and the premium of annual instalment Rs.2,360. Medical insurance of bills shall be received along with the registration of first trimester fee.

410.5.4 Chief Admn. Officer (works) to complete Audit Safety Report of Hostels within a months.

- 410.5.5** On the issue of keeping all the Hostel maintenance job under works Section of IARI, the Academic Council opined that Chief Admn. Officer (works) may examine all the issues related to above and submit his report to the Chairman, Academic Council.
- 410.5.6** (i) Multipurpose digital identity card for students to be used at library, hostels and auditorium, and (ii) Compulsory Biometric attendance for all the students in Divisions and in auditorium, the responsibility was assigned to MOHR, PG Hostels.
- 410.5.7** Keeping in view of the increased work load in P.G. School, the Academic Council approved for the creation of P.G. School-III Section with adequate staff strength. The Academic Council looking into the acute shortage of staff in the Institute proposed that, to cope up with the work load of P.G. School, Young Progressionals I/II and other outsourced personnel may be appointed for the job as per rule. The details shall be worked out and submitted to Director for approval.

Agenda Item No. 410.6 Consideration of the draft MoU received from Vice Chancellor, RLBCAU, Jhansi for collaborative work

The Academic Council agreed for the MoU between PG School, IARI, New Delhi and Rani Lakshmi Bai Central Agricultural University, Jhansi. However, the detailed work-plan, discipline-wise and year-wise on the agreed terms shall be finalised in a meeting of officials of both the institutions for implemetaion.

Agenda Item No. 410.7 Finalization of the results of the candidates for Admission to M.Sc./M.Tech./Ph.D. degree courses at IARI for the Academic Session 2019-20

410.7.1 Admission of the candidates for M.Sc./M.Tech. degree programs at IARI

The Academic Council was apprised with the entrance examination for admission of the candidates for M.Sc./M.Tech. degree programs for SAUs/ICAR-DUs/CAUs arranged by the Education Division of ICAR through National Testing Agency (NTA). The final list of selected candidates for IARI will be available only after Counselling.

The Academic Council authorized the Dean, PG School to finalise the admission of M.Sc./M.Tech. degree programme with the approval of the Chairman, Academic Council.

410.7.2 Selection of foreign students for M.Sc. and Ph.D. degree courses at IARI for the Academic Session 2019-20

Thirty seats are available under this stream. The following 10 foreign nationals (03 Ph.D and 07 M.Sc.) on the recommendations of the Professors have already been selected in the respective disciplines furnished against their names with the approval of the Director, IARI and Chairman, Academic Council.

Ph.D.

S.No.	Name of Candidate	Discipline	Country	Scheme
1	Ms. YI YI MON	PLANT PATHOLOGY	MYANMAR	ICCR Scholarship
2	Mr. HARERIMANA LEONCE	AGRICULTURAL ENGINEERING	RWANDA	Netaji Subhash-ICAR International Fellowship 2018-19
3	Mr. EKONG EDET	AGRICULTURAL EXTENSION	NIGERIA	India-Africa Fellowship Programme III

M.Sc.

S.No.	Name of Candidate	Discipline	Country	Scheme
1	Ms. ROSHANI GHIMIRE	ENTOMOLOGY	NEPAL	Self Finance Scheme
2	Mr. MOHAMAD AYHAM SHAKOUKA	PLANT PATHOLOGY	SYRIA	ICCR General Scholarship Scheme
3	Ms. NAN KHAING KHAING SOE	SEED SCIENCE AND TECHNOLOGY	MYANMAR	ICCR General Scholarship Scheme
4	Ms. AYE AYE SAN	AGRONOMY	MYANMAR	ICCR General Scholarship Scheme
5	Ms. SITERI GAUNALOMANI	AGRICULTURAL EXTENSION	FJI	ICCR General Scholarship Scheme
6	Ms. PHELISTER ADHIAMBO WERE	AGRICULTURAL EXTENSION	KENYA	India-Africa Fellowship Programme III
7	Mr. ABDINASIR MOALIN ABDULLAHI	WATER SCIENCE AND TECHNOLOGY	ETHIOPIA	India-Africa Fellowship Programme III

With regard to the applications of foreign students which are under process and to be received if any, hence forth for the current academic year 2019-20, the Academic Council authorized the Dean to get the selection finalized with the approval of the Chairman of the Academic Council.

410.7.3 Selection of the candidates for Ph.D. degree courses at IARI, New Delhi

With the approval of the Director IARI and Chairman of the Academic Council, an Examination Committee was constituted for overall supervision of the process of the examination. The process of entrance examination was successfully carried out starting with the advertisement which appeared in all the major national dailies in the month of March, 2019. As approved by the Academic Council in its 408th meeting held on December 14, 2018, the Entrance Examination for admission to Ph.D. degree programmes at IARI was held on **May 26, 2019** at thirteen centres viz., Anand, Bengaluru, Coimbatore, Delhi, Guwahati, Hyderabad, Jabalpur, Kolkata, Ludhiana, Patna, Pune, Udaipur and Varanasi. The candidates were interviewed in the respective disciplines on **July 8 & 9, 2019** by the Interview Boards duly constituted by the Director and Chairman of the Academic Council.

As per the directions from ICAR Education Division, the 10% increase in EWS seats was implemented at IARI for the current academic session and the revised seats, duly approved by the Director IARI and Chairman Academic Council was notified in Institute website.

Dr. C. Viswanathan, Chairman, Examination Committee presented the recommendations of the Examination Committee. He conveyed his gratitude for providing him the opportunity to carry out this very important, confidential, voluminous and time bound task. He also appreciated the contributions of all the members of the Examination

Committee, Heads of Division, Professors and faculty members, Nodal Officers and Centre incharges, P.G. School officials who helped in accomplishing this job very smoothly. He also informed the Council that while finalizing the results due care has been taken towards the selection of OBC/SC/ST/PC/CWSF/EWS category candidates as per the norms prescribed by the Govt. of India.

This year candidates in eleven disciplines who opted to write in Hindi were provided with question papers in Hindi besides English papers.

For the sixth consecutive year, applications for admissions to Ph.D. courses at our sister institutes, namely, CIAE, Bhopal and IIHR, Bengaluru were also invited. Applications were invited **online** for admission to the Ph.D. degree programme : (i) in 26 disciplines at the Indian Agricultural Research Institute, New Delhi, (ii) in Agricultural Engineering discipline at CIAE, Bhopal (Sub-disciplines: Agricultural Processing & Structure, Farm Power & Equipment, and Soil & Water Conservation Engineering), and (iii) in Floriculture and Landscape Architecture, Fruit Science, Vegetable Science and PHT of Horticultural crops at IIHR, Bengaluru respectively, in March 2019, with April 22, 2019 as the last date for submission of applications. A total of **2503** eligible applications were received for admission by the PG School, IARI and these candidates were allowed to appear for the written examination. A total of **1938** candidates appeared in the written examination which was held on **May 26, 2019** at **13 Centres** (Anand, Bengaluru, Coimbatore, Delhi, Guwahati, Hyderabad, Jabalpur, Kolkata, Ludhiana, Patna, Pune, Udaipur and Varanasi) spread across the country.

Based on the performance in the written examination, the Examination Committee recommended the names of **1052** candidates for interview in various disciplines, of which **845** appeared for the interview. The candidates were interviewed in the respective disciplines on **July 8 & 9, 2019** by the Interview Boards duly constituted by the Director and Chairman of the Academic Council, IARI.

The results of the entrance examination were compiled by the Examination Committee on the basis of the marks obtained by the interviewed candidates in the written examination, interview and their respective academic score. The Provisional Final Result as recommended by the Examination Committee was approved by the Academic Council.

The Committee recommends **246** candidates for filling up the **246** seats under the Open Scheme at IARI/IIHR/CIAE as approved by the Academic Council in its 408th meeting held on December 14, 2018 and revised for implementation of 10% reservation for Economically Weaker Sections (EWSs). This includes **7** Physically Challenged candidates. In addition to this, **22** other candidates are recommended for admission which includes **10** under ICAR In-service, **3** in the Faculty Up-gradation Scheme, **1** under Departmental Scientific Scheme, **3** under Departmental Technical Scheme and **5** under CWSF. Thus, a total of **268** candidates are recommended for admission to the Ph.D. programme at PG School, IARI for the Academic Session 2019-20, which includes **14** candidates for CIAE, Bhopal and **12** candidates for IIHR, Bengaluru for PG Outreach Programme at sister Institutes.

A. Admission of candidates under the Open Scheme

- **IARI, New Delhi**

- (i) Under the General/Unreserved category in the Open scheme, **90** seats were available for admission at IARI. **60** candidates belonging to categories other than

Unreserved (EWS-9,OBC-39,SC-10, and ST-2) have been selected under the general/unreserved category seats on the basis of their merit.

- (ii) 22 seats for EWS, 60 seats for OBC, 33 for SC and 17 for ST categories were reserved across different disciplines at IARI.
- (iii) Out of the 22 seats under EWS, **4 seats remained unfilled** due to lack of qualified candidates, one each in the disciplines of Agricultural Extension, Agricultural Physics, Bioinformatics and Microbiology. These EWS seats were filled up by transfer on merit basis in the disciplines of Genetics and Plant Breeding (2), Vegetable Science (1) and Floriculture and Landscape Architecture (1).
- (iv) Out of the 60 seats under the OBC category, **5 seats remained unfilled** due to lack of qualified candidates, two each in the disciplines of Agricultural Chemicals and Bioinformatics and one in Agricultural Physics. These OBC seats were filled up by transfer on merit basis in the disciplines of Entomology (2 seats), Agricultural Engineering –Farm Power & Equipment (2 seats) and Genetics and Plant Breeding (1 seat).
- (v) Out of the 33 seats reserved under SC category, **five seats remained unfilled**, one each in the discipline of Biochemistry, Microbiology, Molecular Biology and Biotechnology, Plant Physiology and Water Science and Technology due to the non-availability of qualified candidates in these disciplines in the SC category. The five unfilled SC category seats were filled up by transfer on merit basis in the disciplines of Entomology (2 seats), Genetics and Plant Breeding (1), Agricultural Economics (1 seat) and Plant Pathology (1 seat).
- (vi) Of the 17 seats reserved for the ST category this year, **six seats remained unfilled** in the ST category, one each in the disciplines of Agricultural Extension, Biochemistry, Bioinformatics, Molecular Biology & Biotechnology, Plant Genetic Resources and Seed Science & Technology. These seats were filled up by transfer in the discipline of Entomology (2), Plant Pathology (1), Soil Science and Agricultural Chemistry (1), Nematology (1) and Agronomy (1).
- (vii) Thus all the **20 seats** in the EWS (4), OBC (5seats), SC (5 seats), and ST (6 seats) categories that remained unfilled on account of non-availability of qualified candidates in the originally approved disciplines were filled up by transfer in other disciplines on the basis of merit, where candidates are available.

• **PG School Outreach Programme at CIAE, Bhopal**

Total of 14 seats for Ph.D. (5 General, 1 EWS, 3 OBC, 2 SC, 1 ST and 2 ICAR in-service) were recommended for admission at CIAE, Bhopal.

• **PG School Outreach Programme at IIHR, Bengaluru**

Total of 12 seats for Ph.D. (5 General, 1 EWS, 3 OBC, 2 SC and 1 ST) were recommended for admission at IIHR, Bengaluru.

The details of filled-up seats and wait- listed in all the disciplines were circulated to the Academic Council.

B. Admission in other schemes

- (i) For the Academic Year 2019-20, the number of seats available under various schemes were as follows:
- | | |
|--|------|
| Faculty Up-gradation Scheme | - 10 |
| ICAR In-service nominee | - 10 |
| Departmental (Scientific) | -5 |
| Departmental (Technical) | -5 |
| Children/Widows of Security Forces (CWSF)- | 05 |
- (ii) On the basis of merit, the Committee recommends a total of 22 seats to be filled up under the different Schemes. These include 10 seats under the ICAR In-service Nominee, 3 seats under the Faculty Up-gradation Scheme, 1 under Departmental Scientific Scheme, 3 under Departmental Technical Scheme and 5 under Children/Widows of Security Forces (CWSF) scheme in the respective disciplines.

The list of selected candidates for Ph.D. degree programmes as approved by the Academic Council is placed at **Appendix-I (Table-I)**.

The Chairperson, Vice Chairman and all the members of Academic Council appreciated the work and dedication of the Examination Committee for successful completion of Ph.D. entrance examination.

Agenda Item No. 410.8 Any other item with the permission of the Chair

1. The Academic Council discussed on some key issues/ concerns related to research, education, thesis quality, ICAR /NIRF/world rankings, entrepreneurship skills, etc. at IARI and suggested that a committee may be constituted to come up with suitable recommendations.
2. To facilitate timely conduct of qualifying and final viva voce examination of Ph.D. students admitted at IIHR and CIAE under IARI PG outreach programme, the funds allotted under development grant to these institutes shall be utilised for this purpose.
3. The Academic Council thanked the Education Division, ICAR for one time exemption for the conduct of IARI Ph.D. entrance examination during 2019-20. From next session (2020-21) onwards, IARI will not conduct a separate exam for Ph.D, but admit the students through ICAR examination only.

The meeting ended with the vote of thanks to the Chair.



(Ratnesh Kumar)
Member-Secretary



(J. P. Sharma)
Vice Chairman



(A.K. Singh)
Chairman

ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph.D. ENTRANCE EXAM 2019
LIST OF SELECTED CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME AT IARI,
IIHR AND CIAE
ACADEMIC YEAR 2019-20

01- Agricultural Chemicals

S.No.	Roll No.	Name	Category	Scheme	Institute
1.	100008	RAKESH KUMAR	OBC*	Open	IARI
2.	100012	VIJAY KUMAR	OBC*	Open	IARI
3.	100003	MADHU TIPPANNANAVAR	OBC*	Open	IARI
4.	100011	SUBHASIS SARKAR	SC	Open	IARI
5.	100009	RANDEEP KUMAR	OBC	Open	IARI

02- Agricultural Economics

S.No.	Roll No.	Name	Category	Scheme	Institute
6.	200039	NANDINI SAHA	UR	Open	IARI
7.	200020	GEETHA M.L.	CWSF (VI)	Open	IARI
8.	200038	MOUSUMI PRIYADARSHINI	OBC*	Open	IARI
9.	200041	NEELAKANTAPPA P	SC*	Open	IARI
10.	200011	ATHARE PRAKASH GORAKSHA	EWS	Open	IARI
11.	200044	OMPRAKASH NAIK N	SC	Open	IARI
12.	200062	SUBRATA GORAIN	OBC	Open	IARI
13.	200069	VISHALKUMAR SURESH HOSAMANI	SC TR	Open	IARI
14.	200046	PAVITHRA S	UR	ICAR	IARI

03-01 - Agricultural Engineering - Agricultural Processing and Structure

S.No.	Roll No.	Name	Category	Scheme	Institute
15.	310017	DHARMENDER	EWS*	Open	IARI
16.	310053	RAOUF ASLAM	UR	Open	CIAE
17.	310010	BOGALA PRAVALLIKA	EWS*	Open	CIAE
18.	310060	SILPA MANDAL	SC	Open	IARI
19.	310024	KHUSHBOO GUPTA	OBC	Open	IARI
20.	310050	RAJENDRA HAMAD	OBC	Open	CIAE
21.	310015	CHINMAYEE PARIDA	EWS	Open	IARI
22.	310001	ABHIMANNYU ARUN KALNE	UR	FUS	IARI
23.	310042	PRAMOD PANDURANG ARADWAD	OBC	DS	IARI
24.	310005	ASEEYA WAHID	ST	Open	CIAE

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**ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE Ph.D. ENTRANCE EXAM 2019
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03-02 - Agricultural Engineering - Farm Power and Equipment

S.No.	Roll No.	Name	Category	Scheme	Institute
25.	320116	NRUSINGH CHARAN PRADHAN	EWS*	Open	IARI
26.	320095	DEEPAK SABAJI THORAT	UR	ICAR	CIAE
27.	320117	OMKAR GUPTA	UR	Open	IARI
28.	320099	GOPAL CARPENTER	OBC	ICAR	IARI
29.	320149	VIJAY KUMAR	UR	ICAR	CIAE
30.	320119	PARMANAND SAHU	OBC*	Open	CIAE
31.	320074	ABHISHEK PATEL	OBC*	Open	CIAE
32.	320076	AJAY KUSHWAH	OBC	Open	IARI
33.	320109	MATTAPARTHI LAKSHMI DURGA	OBC	Open	CIAE
34.	320128	RAMINENI HARSHA NAG	OBC TR	Open	IARI
35.	320139	SOMNATH GANGARAM YAMAGAR	OBC TR	Open	IARI
36.	320129	RATHOD SUNIL KUMAR	ST	Open	IARI
37.	320137	SIDHARTHA SEKHAR SWAIN	EWS	Open	IARI
38.	320075	ACHUGATLA KESAV KUMAR	SC	Open	IARI
39.	320114	NAVEEN KUMAR T	SC	Open	CIAE

03-03 - Agricultural Engineering - Soil and Water Conservation Engineering

S.No.	Roll No.	Name	Category	Scheme	Institute
40.	330207	PRADOSH KUMAR PARAMAGURU	UR	Open	IARI
41.	330193	KUNDAN KUMAR	OBC*	Open	IARI
42.	330157	AAMIR ISHAQ SHAH	UR	Open	CIAE
43.	330161	AMIT KUMAR	OBC	Open	IARI
44.	330158	ABHISHEK MITARAM WAGHAYE	UR	ICAR	IARI
45.	330221	SADHANI KUMARI	OBC	Open	IARI
46.	330188	KANTHA VEL	OBC	Open	CIAE
47.	330197	MALKHAN SINGH JATAV	SC	Open	IARI
48.	330182	GOTTAM KISHORE	EWS	Open	CIAE
49.	330234	VINOD KUMAR S	SC	Open	CIAE

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04 - Agricultural Extension

S.No.	Roll No.	Name	Category	Scheme	Institute
50.	400056	PRASHANT	UR	Open	IARI
51.	400010	BHAGIRATH DAS	SC*	Open	IARI
52.	400081	SUJAY BASAPPA KADEMANI	EWS*	Open	IARI
53.	400030	JUHEE AGRAWAL	PC (GEN)	Open	IARI
54.	400015	CHANDAN GOWDA H	OBC	Open	IARI
55.	400055	PRADEEP TIPPANNANAVAR	OBC	Open	IARI
56.	400084	SURJYA KANTA ROY	SC	Open	IARI

05 - Agricultural Physics

S.No.	Roll No.	Name	Category	Scheme	Institute
57.	500018	KOUSHIK BAG	UR	Open	IARI
58.	500036	SONA KUMAR	OBC*	Open	IARI
59.	500027	PRIYA BHATTACHARYA	UR	Open	IARI
60.	500005	ARAVIND K S	SC	Open	IARI
61.	500037	SONIA DEVI	CWSF (II)	Open	IARI

06 - Agricultural Statistics

S.No.	Roll No.	Name	Category	Scheme	Institute
62.	600027	KRISHNA PADA SARKAR	SC*	Open	IARI
63.	600013	DEBOPAM RAKSHIT	OBC*	Open	IARI
64.	600064	TANIMA DAS	OBC*	Open	IARI
65.	600005	ANKITA VERMA	OBC	Open	IARI
66.	600070	VINAYKUMAR L N	OBC	Open	IARI
67.	600049	RAHUL KUMAR GUPTA	PC (OBC)	Open	IARI
68.	600069	VINAYAKA	ST	Open	IARI
69.	600043	PRABHAT KUMAR	SC	Open	IARI
70.	600050	RAJUBHAI HARJIBHAI CHAUDHARI	EWS	Open	IARI

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07 - Agronomy

S.No.	Roll No.	Name	Category	Scheme	Institute
71.	700094	KIRTTIRANJAN BARAL	UR	Open	IARI
72.	700074	HARI SANKAR NAYAK	UR	Open	IARI
73.	700084	KAMAL GARG	EWS*	Open	IARI
74.	700007	AKSHAY KUMAR YOGI	OBC*	Open	IARI
75.	700177	SHYAM C S	SC*	Open	IARI
76.	700022	ANKUR BHAKAR	OBC	Open	IARI
77.	700048	CHUNENDRA PRAKASH	OBC	Open	IARI
78.	700087	KAMLESH KUMAR	OBC	ICAR	IARI
79.	700166	SANDEEP GAWDIYA	CWSF (IV)	Open	IARI
80.	700143	R RUSTUM ZHIIPAO	ST	Open	IARI
81.	700102	MADAM VIKRAMARJUN	OBC	Open	IARI
82.	700025	ARKAPRAVA ROY	SC	Open	IARI
83.	700161	SACHIN K S	EWS	Open	IARI
84.	700033	BANKERLANG KHONGWIR	ST TR	Open	IARI

08 - Biochemistry

S.No.	Roll No.	Name	Category	Scheme	Institute
85.	800004	ARTI KUMARI	UR	Open	IARI
86.	800021	NAGESH C R	OBC*	Open	IARI
87.	800028	SHAHNOOR ALAM	UR	Open	IARI
88.	800012	DURGASI VENKATA BHARGAV	OBC	Open	IARI
89.	800001	ABHISHEK CHITRANASHI	EWS	Open	IARI
90.	800031	SIMARDEEP KAUR	OBC	Open	IARI

09 - Bioinformatics

S.No.	Roll No.	Name	Category	Scheme	Institute
91.	900030	TANWY DASMANDAL	UR	Open	IARI
92.	900019	NITESH KUMAR SHARMA	EWS*	Open	IARI
93.	900005	BAIBHAV KUMAR	OBC*	Open	IARI
94.	900012	JUTAN DAS	SC	Open	IARI

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10 – Computer Application

S.No.	Roll No.	Name	Category	Scheme	Institute
95.	1000001	ABHISHEKH M P	UR	Open	IARI
96.	1000003	AMIT SAHA	SC*	Open	IARI
97.	1000013	PREETY DAGAR	UR	Open	IARI
98.	1000005	BANOTH JAGDISH NAIK	ST	Open	IARI
99.	1000018	SUNAKSHI MEHRA	SC	Open	IARI
100.	1000014	ROHIT KUMAR SINGH	EWS	Open	IARI
101.	1000009	MURARI KUMAR	OBC	Open	IARI

11 – Entomology

S.No.	Roll No.	Name	Category	Scheme	Institute
102.	1100078	MAHESH MAHADEV JADHAV	OBC*	Open	IARI
103.	1100100	NIRAJ GULERIA	CWSF (VI)	Open	IARI
104.	1100058	K SRINIVAS	OBC*	Open	IARI
105.	1100126	SANTHOSH NAIK	SC	Open	IARI
106.	1100053	JAT MONICA	OBC	Open	IARI
107.	1100027	DEEKSHA M G	OBC	Open	IARI
108.	1100016	ASHOK KUMAR SAU	OBC TR	Open	IARI
109.	1100041	G R HITHESH	EWS	Open	IARI
110.	1100065	KARSHANAL J	OBC TR	Open	IARI
111.	1100123	SANDEEP KUMAR	SC TR	Open	IARI
112.	1100008	ANIL KUMAR S T	SC TR	Open	IARI
113.	1100030	DEVENDRA KUMAR MEENA	ST TR	Open	IARI
114.	1100021	BASAVARAJ N HADIMANI	PC (GEN)	Open	IARI
115.	1100115	PYNHUNLIN NOLA KHARKRANG DOHLING	ST TR	Open	IARI

12 – Environmental Sciences

S.No.	Roll No.	Name	Category	Scheme	Institute
116.	1200022	DIVYA POOJA B	OBC*	Open	IARI
117.	1200080	SHRAVANI SANYAL	UR	Open	IARI
118.	1200039	MAMTA BISHT	EWS	Open	IARI
119.	1200089	VINITA	SC	Open	IARI
120.	1200029	J GAYATHRI	OBC	Open	IARI
121.	1200070	RAVI KUMAR	OBC	Open	IARI
122.	1200037	KUDIMETHA GANESH KUMAR	ST	Open	IARI

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13 –Floriculture and Landscape Architecture

S.No.	Roll No.	Name	Category	Scheme	Institute
123.	1300008	DAVENDRA KUMAR	OBC*	Open	IARI
124.	1300029	SAGAR C T	UR	Open	IARI
125.	1300028	ROHITH R	SC	Open	IARI
126.	1300030	SANGEETHA PRIYA S	OBC*	Open	IIHR
127.	1300035	TEJUKUMAR B K	EWS TR	Open	IARI
128.	1300016	KOPPALA DEEPTHI	OBC	Open	IARI
129.	1300027	RAYAVARAPU TEJASWI	OBC	Open	IARI
130.	1300007	CHETNA JYOTI	SC	Open	IIHR
131.	1300005	AYESHA N	OBC	Open	IIHR
132.	1300013	HARENDRA KUMAR YADAV	OBC	DT	IARI
133.	1300019	LOKENDRA SINGH	OBC	DT	IARI

14 –Fruit Science

S.No.	Roll No.	Name	Category	Scheme	Institute
134.	1400037	MEGHA R	OBC*	Open	IARI
135.	1400065	SANDEEP	SC*	Open	IARI
136.	1400006	AMRUT SANJAY MORADE	UR	ICAR	IARI
137.	1400044	NIKHIL H N	OBC*	Open	IARI
138.	1400046	NITIN P S	SC*	Open	IIHR
139.	1400011	ANUSHA N M	OBC	Open	IARI
140.	1400028	JNAPIKA K H	SC	Open	IARI
141.	1400058	RAKESH KUMAR PANDEY	EWS	Open	IARI
142.	1400075	SUSHMITHA B H	EWS	Open	IIHR
143.	1400013	ASHOK DHAKAD	PC (OBC)	Open	IARI
144.	1400071	SREEKANTH H S	PC (GEN)	FUS	IARI

15 –Genetics And Plant Breeding

S.No.	Roll No.	Name	Category	Scheme	Institute
145.	1500174	RAHUL	SC*	Open	IARI
146.	1500078	HRIIPULOU DUO	ST*	Open	IARI
147.	1500135	NANDAKUMAR S	EWS*	Open	IARI
148.	1500224	SONU	UR	Open	IARI
149.	1500117	MANOJ GOWDA M	OBC*	Open	IARI
150.	1500019	ANUJ KUMAR	UR	Open	IARI
151.	1500119	MANORANJAN SENAPATI	OBC	Open	IARI
152.	1500162	PRASHANT VASISTH	EWS	Open	IARI

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153.	1500180	RAKESH S	SC	Open	IARI
154.	1500079	I GOPINATH	EWS TR	Open	IARI
155.	1500127	MENIARI TAKU	ST	Open	IARI
156.	1500118	MANOJ KUMAR PATEL	OBC	Open	IARI
157.	1500233	SUNAINA YADAV	OBC	Open	IARI
158.	1500145	NIKKI KUMARI	OBC	Open	IARI
159.	1500217	SHIVANAGOUDA PATIL N	OBC TR	Open	IARI
160.	1500115	MANJUNATHA P B	ST	Open	IARI
161.	1500138	NARAYANA BHAT DEVATE	EWS TR	Open	IARI
162.	1500088	KAMRE KRANTHIKUMAR	SC	Open	IARI
163.	1500073	HARISHA R	SC TR	Open	IARI
164.	1500214	SHIV KUMAR SINGH	UR	DT	IARI

16 –Microbiology

S.No.	Roll No.	Name	Category	Scheme	Institute
165.	1600069	SAGIA S	UR	Open	IARI
166.	1600079	SNEHA G R	OBC*	Open	IARI
167.	1600036	KRUTIKA PATIL	EWS*	Open	IARI
168.	1600013	ASWINI K	OBC	Open	IARI
169.	1600100	S.RAMYA	OBC	Open	IARI
170.	1600001	KOKILA V	OBC	Open	IARI
171.	1600024	DILBAG	SC	Open	IARI

17 –Molecular Biology and Biotechnology

S.No.	Roll No.	Name	Category	Scheme	Institute
172.	1700088	KRISHNAYAN PAUL	UR	Open	IARI
173.	1700110	MUHAMMED SHAMNAS V	OBC*	Open	IARI
174.	1700113	NARESH KUMAR SAMAL	SC*	Open	IARI
175.	1700215	ZAHERUL ISLAM	UR	Open	IARI
176.	1700046	DEEPESH KUMAR	OBC	Open	IARI
177.	1700052	DHIVYANANDHAM K	OBC	Open	IARI
178.	1700064	GOPAL	EWS	Open	IARI

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18 –Nematology


S.No.	Roll No.	Name	Category	Scheme	Institute
179.	1800004	ARTHA KUNDU	UR	Open	IARI
180.	1800012	MANJUNATHA GOWDA THONDIHALU	UR	ICAR	IARI
181.	1800011	MANISH KUMAR	OBC*	Open	IARI
182.	1800001	ABHISHEK GOWDA A P	OBC	Open	IARI
183.	1800018	SACHIN GANGWAR	CWSF (VI)	Open	IARI
184.	1800017	PRAKASH YALLAPA SHANKHU	SC	Open	IARI
185.	1800021	VYSHALI	OBC	Open	IARI
186.	1800006	DEVINDRAPPA	ST TR	Open	IARI

19 –Plant Genetic Resources

S.No.	Roll No.	Name	Category	Scheme	Institute
187.	1900004	MONIKA JHA	UR	Open	IARI
188.	1900002	DEEPIKA D D	OBC*	Open	IARI
189.	1900003	MANISH KUMAR MITTAL	UR	ICAR	IARI
190.	1900008	RAMYA K R	OBC*	Open	IARI
191.	1900013	SHARMILA M	OBC	Open	IARI
192.	1900011	SHANKAR M	SC	Open	IARI

20 –Plant Pathology

S.No.	Roll No.	Name	Category	Scheme	Institute
193.	2000093	PANKHURI SINGHAL	UR	Open	IARI
194.	2000030	CHARISHMA K	OBC*	Open	IARI
195.	2000118	RASHMI E R	OBC*	Open	IARI
196.	2000121	ROHITH M	UR	Open	IARI
197.	2000044	GANGARAJ R	SC	Open	IARI
198.	2000069	LHAM DORJEE	ST	Open	IARI
199.	2000090	NISHMITHA K	ST TR	Open	IARI
200.	2000078	MANOJ CHOUDHARY	UR	ICAR	IARI
201.	2000075	MANIKANDAN K	OBC	Open	IARI
202.	2000166	SURYAKANT MANIK	OBC	Open	IARI
203.	2000128	SANGHMITRA ADITYA	SC	Open	IARI
204.	2000097	PEDAPUDI LOKESH BABU	OBC	Open	IARI
205.	2000042	EMMADI VENU	SC TR	Open	IARI
206.	2000029	CHAITHRA M	EWS	Open	IARI

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21 –Plant Physiology

S.No.	Roll No.	Name	Category	Scheme	Institute
207.	2100059	PRADEEP S D	OBC*	Open	IARI
208.	2100033	JAGADHESAN B	OBC*	Open	IARI
209.	2100034	JYOTI PRIYA	UR	Open	IARI
210.	2100063	PRIYA PAUL	OBC	Open	IARI
211.	2100052	NEHA ANAND	OBC	Open	IARI
212.	2100084	SURIYAPRAKASH RAJENDRAN	OBC	Open	IARI
213.	2100020	DEEPTI TIWARI	EWS	Open	IARI

22-01 –Post Harvest Technology - Post Harvest Technology of Horticultural Crops


S.No.	Roll No.	Name	Category	Scheme	Institute
214.	2210002	AJIT KUMAR SINGH	EWS*	Open	IARI
215.	2210007	HARISH H	UR	Open	IARI
216.	2210024	SAMPADA SHANKAR	OBC	Open	IARI
217.	2210004	BINDU H	UR	Open	IIHR
218.	2210022	RAGHAVENDRA H R	EWS	Open	IARI
219.	2210035	VIVEK SAURABH	SC	Open	IARI
220.	2210008	HARISH T	OBC	Open	IIHR
221.	2210034	VITTAL KAMBLE	SC	Open	IIHR
222.	2210005	CHANDER BHAN	SC	FUS	IARI

22-02 –Post Harvest Technology - Post Harvest Engineering and Technology

S.No.	Roll No.	Name	Category	Scheme	Institute
223.	2220043	URHE SUMIT BHAUSAHEB	OBC	Open	IARI

23 –Seed Science and Technology

S.No.	Roll No.	Name	Category	Scheme	Institute
224.	2300008	ARCHANA H R	UR	Open	IARI
225.	2300003	AKASH A	OBC*	Open	IARI
226.	2300039	RAMAPPA S	ST*	Open	IARI
227.	2300046	SHOBHARANI M	EWS	Open	IARI
228.	2300047	SHRUTI KUMARI	PC (OBC)	Open	IARI
229.	2300010	ASHWINI VIJAY SAKPAL	SC	Open	IARI

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24 –Soil Science and Agricultural Chemistry

S.No.	Roll No.	Name	Category	Scheme	Institute
230.	2400020	ARKAPRAVA ROY	UR	Open	IARI
231.	2400127	RANABIR CHAKRABORTY	UR	Open	IARI
232.	2400015	ANIT DAS	SC*	Open	IARI
233.	2400068	KHURSHID ALAM	UR	Open	IARI
234.	2400088	MOUMITA ASH	OBC*	Open	IARI
235.	2400065	K R RAKSHITHA	UR	Open	IARI
236.	2400087	MOHAN KUMAR K T	OBC	Open	IARI
237.	2400080	MAMTA - -	OBC	Open	IARI
238.	2400154	SUBHADIP PAUL	OBC	Open	IARI
239.	2400002	ABHISHEK DAS	SC	Open	IARI
240.	2400111	PREMLATA MEENA	ST	Open	IARI
241.	2400105	POOJA TAMUK	ST TR	Open	IARI
242.	2400161	VISHWANATH	SC	Open	IARI
243.	2400158	THUMMALA GIRI SHASHANK REDDY	PC (GEN)	Open	IARI
244.	2400017	ANN MARIA JOSEPH	EWS	Open	IARI

25 –Vegetable Science

S.No.	Roll No.	Name	Category	Scheme	Institute
245.	2500026	DHANANJAY A HONGAL	UR	Open	IARI
246.	2500094	SANTHIYA S	OBC*	Open	IARI
247.	2500009	ANJAN DAS	UR	Open	IARI
248.	2500015	ARUNA T S	OBC*	Open	IARI
249.	2500123	YATHISH V C	OBC*	Open	IIHR
250.	2500032	JANANI R	OBC	Open	IARI
251.	2500077	PYDI ROSHNI	OBC*	Open	IIHR
252.	2500100	SHOHAIB SHEIKH AYUB CHAUHAN	OBC	Open	IARI
253.	2500103	SHUBHAM SINGH	EWS	Open	IARI
254.	2500018	BICHHINNA MAITRI ROUT	EWS TR	Open	IARI
255.	2500050	MANJU SN	OBC	Open	IARI
256.	2500053	MANJUNATHA K G	ST	Open	IARI
257.	2500041	LAVANYA H N	OBC	Open	IIHR
258.	2500067	PARAMITA ROY	SC	Open	IARI
259.	2500079	RAHUL CHANDEL	PC (GEN)	Open	IARI
260.	2500090	S PHIBAHUNJAI SYIEM	ST TR	Open	IIHR

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26 –Water Science and Technology

S.No.	Roll No.	Name	Category	Scheme	Institute
261.	2600002	AROCKIA ANUSTY J	OBC*	Open	IARI
262.	2600006	DIANA DHAYAL	OBC*	Open	IARI
263.	2600004	CHANDAN T	OBC*	Open	IARI
264.	2600008	KIRUTHIGA B	OBC	Open	IARI
265.	2600009	KISHOR N	OBC	Open	IARI
266.	2600029	VED PRAKASH MEENA	ST	Open	IARI
267.	2600016	RASHMI YADAV	OBC	Open	IARI
268.	2600021	SANGEETA	SC	Open	IARI

Note: 1. The results are provisional subjected to the fulfillment of eligibility criteria laid down in the information bulletin

2. * indicates seats under UNRESERVED (UR) seats filled by EWS/OBC/SC/ST candidates
3. TR indicates transferred seats within the Category from unfilled EWS/OBC/SC/ST
4. ICAR In-service: ICAR in-service nominee Scheme
5. FUS: Faculty Upgradation Scheme for SAUs
6. DS: Departmental Scientific
7. DT: Departmental Technical
8. PC: Physically Challenged
9. CWSF: Children/Widows of Security Forces

C. V. ... 24/11/19

M. S. ... 24/11/19

Q. ... 24/11/19

DISCIPLINEWISE PROPOSED SEATS FOR PH.D.(2019-20)

DISCIPLINEWISE FILLED IN SEATS FOR PH.D.(2019-20)

TABLE-I

S.No	Discipline	UR	EWS	OBC	SC	ST	PH	Total	UR	EWS	OBC	SC	ST	PH	OTHER	TOTAL
A. IARI, New Delhi																
1	AGRICULTURAL CHEMICALS	3	0	3	1	0	0	7	3	0	1	1	0	0	0	5
2	AGRICULTURAL ECONOMICS	3	1	1	1	0	0	6	3	1	1	2	0	0	2	9
3	AGRICULTURAL ENGG. (Agricultural Processing & Equipment)	1	1	1	1	0	0	4	1	1	1	1	0	0	2	6
4	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	1	1	1	0	6	2	1	3	1	1	0	1	9
5	AGRICULTURAL ENGG. (Soil & Water Conservation)	2	0	2	1	0	0	5	2	0	2	1	0	0	1	6
6	AGRICULTURAL EXTENSION	4	1	2	1	1	-1	9	4	0	2	1	0	0	1	7
7	AGRICULTURAL PHYSICS	3	1	1	1	1	0	6	3	0	0	1	0	0	1	5
8	AGRICULTURAL STATISTICS	3	1	3	1	1	-1	9	3	1	3	1	1	-1	0	9
9	AGRONOMY	5	1	3	1	1	0	11	5	1	3	1	1	2	0	14
10	BIOCHEMISTRY	3	1	2	1	1	0	8	3	1	2	0	0	0	0	6
11	BIOFORMATICS	3	1	2	1	1	0	8	3	0	0	1	0	0	0	4
12	COMPUTER APPLICATION	3	1	1	1	1	0	7	3	1	1	1	1	0	0	7
13	ENTOMOLOGY	3	1	1	1	0	0	7	3	1	1	1	1	0	0	7
14	ENVIRONMENTAL SCIENCES	2	1	2	1	1	0	7	2	1	2	3	2	-1	1	14
15	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	0	2	1	1	0	7	2	1	2	1	1	0	0	7
16	FRUIT SCIENCE	3	1	2	1	0	0	5	2	1	2	1	0	0	2	8
17	GENETICS AND PLANT BREEDING	6	1	2	1	0	0	7	3	1	2	1	0	0	2	8
18	GENETICS AND PLANT BREEDING	6	1	4	2	2	-1	15	6	3	5	3	2	0	2	9
19	MICROBIOLOGY	3	1	3	2	0	0	9	3	0	3	1	0	0	1	20
20	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	1	2	1	1	-1	9	4	1	2	0	0	0	0	7
21	NEMATODOLOGY	2	0	2	1	0	0	5	2	0	2	1	1	0	0	7
22	PLANT GENETIC RESOURCES	3	0	1	1	1	0	6	3	0	1	1	0	0	2	8
23	PLANT PATHOLOGY	4	1	3	2	1	-1	11	4	1	3	3	2	0	1	14
24	PLANT PHYSIOLOGY	3	1	3	1	0	0	8	3	1	3	0	0	0	0	7
25	POST HARVEST TECH. (PHT of Horticultural Crops)	2	1	1	1	0	0	5	2	1	1	1	0	0	1	6
26	POST HARVEST TECH. (Post Harvest Engineering & Technology)	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1
27	SEED SCIENCE AND TECHNOLOGY	3	1	1	1	1	-1	7	3	1	1	1	0	0	0	6
28	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	7	1	3	2	1	0	14	7	1	3	2	2	-1	0	15
29	VEGETABLE SCIENCE	5	1	3	1	1	-1	11	5	2	3	1	1	-1	0	12
29	WATER SCIENCE AND TECHNOLOGY	3	0	3	2	1	0	9	3	0	3	1	1	0	0	8
	Total-A	90	22	60	33	17	-7	222	90	22	60	33	17	-8	20	242
B. CIAE, Bhopal																
S.No	Discipline	UR	EWS	OBC	SC	ST	PH	Total	UR	EWS	OBC	SC	ST	PH	OTHER	Total
1	AGRICULTURAL ENGG. (Agricultural Processing & Equipment)	2	0	1	0	1	0	4	2	0	1	0	1	0	0	4
2	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	0	1	1	0	0	4	2	0	1	1	0	0	2	6
3	AGRICULTURAL ENGG. (Soil & Water Conservation)	1	1	1	1	0	0	4	1	1	1	1	0	0	0	4
	Total-B	5	1	3	2	1	0	12	5	1	3	2	1	0	2	14
C. IHR, Bengaluru																
S.No	Discipline	UR	EWS	OBC	SC	ST	PH	Total	UR	EWS	OBC	SC	ST	PH	OTHER	Total
1	FLORICULTURE AND LANDSCAPING ARCHITECTURE	1	0	1	1	0	0	3	1	0	1	1	0	0	0	3
2	FRUIT SCIENCE	1	1	0	0	1	0	3	1	1	0	0	0	0	0	2
3	POST HARVEST TECH. (PHT of Horticultural Crops)	1	0	1	1	0	0	3	1	0	1	1	0	0	0	3
4	VEGETABLE SCIENCE	2	0	1	0	0	0	3	2	0	1	0	1	0	0	4
	Total-C	5	1	3	2	1	0	12	5	1	3	2	1	0	0	12
	Grand Total= A+B+C	100	24	66	37	19	-7	246	100	24	66	37	19	-8	22	268

2020-21		No. of Students	Amount	Number of Students	Amount
				(M.Sc.) 235	21319200
	SRF-ICAR	0	0	(Ph.D.) 205	76260000
	DBT	2	744000		
	DST	8	1116000		
	CSIR	7	2604000		
	National Fellowship (ST)	1	372000		
	National Fellowship (SC)	3	1116000		
	National Fellowship (OBC)	2	744000		
	Moulana Azad National Fellows	1	372000		
	UGC NET-JRF	12	4464000		

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-II/82-02/M.Sc & Ph.D/2022-2023/

Dated 21.11.2022

OFFICE ORDER

This is to certify that the students who had been admitted during the academic session 2017-2018, 2018-2019, 2019-2020, 2020-2021 and 2021-2022 at ICAR-IARI, New Delhi were awarded different fellowship as per list enclosed.


Sr. Registrar
कुल सचिव (शिक्षणिक)
Registrar (Academic)
स्नातकोत्तर विद्यालय,
Post Graduate School,
भा.कृ.अनु.सं., नई दिल्ली-12
IARI, New Delhi-12

Encl : As above

M.SC. & PH.D. STUDENTS FOR ADMITTED YEAR-2020						
SR.NO.	YR. ADMN	COURSE	DATE ENROL	ROLL NO	DISCIPLINE	NAME OF THE STUDENT
1.	2020	M.Sc. (Agri.)	28-12-2020	21461	EWS(GEN)	ENVIRONMENTAL SCIENCES
2.	2020	M.Sc. (Agri.)	28-12-2020	21473	OBC(GEN)	GENETICS AND PLANT BREEDING
3.	2020	M.Sc. (Agri.)	28-12-2020	21474	GEN	GENETICS AND PLANT BREEDING
4.	2020	M.Sc. (Agri.)	28-12-2020	21475	EWS	GENETICS AND PLANT BREEDING
5.	2020	M.Sc. (Agri.)	28-12-2020	21476	OBC	GENETICS AND PLANT BREEDING
6.	2020	M.Sc. (Agri.)	28-12-2020	21477	OBC	GENETICS AND PLANT BREEDING
7.	2020	M.Sc. (Agri.)	28-12-2020	21478	SC	GENETICS AND PLANT BREEDING
8.	2020	M.Sc. (Agri.)	28-12-2020	21460	EWS	ENVIRONMENTAL SCIENCES
9.	2020	M.Sc. (Agri.)	28-12-2020	21480	OBC-PC	GENETICS AND PLANT BREEDING
10.	2020	M.Sc. (Agri.)	28-12-2020	21454	ST	ENTOMOLOGY
11.	2020	M.Sc. (Agri.)	28-12-2020	21479	ST	GENETICS AND PLANT BREEDING
12.	2020	M.Sc. (Agri.)	28-12-2020	21459	SC	ENVIRONMENTAL SCIENCES
13.	2020	M.Sc. (Agri.)	28-12-2020	21458	OBC	ENVIRONMENTAL SCIENCES
14.	2020	M.Sc. (Agri.)	28-12-2020	21457	OBC	ENVIRONMENTAL SCIENCES
15.	2020	M.Sc. (Agri.)	28-12-2020	21481	OBC(GEN)	MICROBIOLOGY
16.	2020	M.Sc. (Agri.)	28-12-2020	21455	GEN	ENVIRONMENTAL SCIENCES
17.	2020	M.Sc. (Agri.)	28-12-2020	21487	SC	MICROBIOLOGY
18.	2020	M.Sc. (Agri.)	28-12-2020	21453	SC	ENTOMOLOGY
19.	2020	M.Sc. (Agri.)	28-12-2020	21452	OBC	ENTOMOLOGY
20.	2020	M.Sc. (Agri.)	28-12-2020	21451	OBC	ENTOMOLOGY
21.	2020	M.Sc. (Agri.)	28-12-2020	21450	EWS	ENTOMOLOGY
22.	2020	M.Sc. (Agri.)	28-12-2020	21449	GEN	ENTOMOLOGY
23.	2020	M.Sc. (Agri.)	28-12-2020	21456	OBC(GEN)	ENVIRONMENTAL SCIENCES
24.	2020	M.Sc. (Agri.)	28-12-2020	21492	OBC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
25.	2020	M.Sc. (Agri.)	28-12-2020	21503	GEN(PC)	PLANT GENETIC RESOURCES
26.	2020	M.Sc. (Agri.)	28-12-2020	21502	OBC	PLANT GENETIC RESOURCES
27.	2020	M.Sc. (Agri.)	28-12-2020	21501	GEN	PLANT GENETIC RESOURCES
28.	2020	M.Sc. (Agri.)	28-12-2020	21500	OBC	NEMATOLOGY
29.	2020	M.Sc. (Agri.)	28-12-2020	21499	GEN	NEMATOLOGY
30.	2020	M.Sc. (Agri.)	28-12-2020	21498	OBC(GEN)	NEMATOLOGY
31.	2020	M.Sc. (Agri.)	28-12-2020	21497	GEN	NEMATOLOGY
32.	2020	M.Sc. (Agri.)	28-12-2020	21496	OBC(GEN)	NEMATOLOGY
33.	2020	M.Sc. (Agri.)	28-12-2020	21495	ST	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
34.	2020	M.Sc. (Agri.)	28-12-2020	21485	GEN-UPS	MICROBIOLOGY
35.	2020	M.Sc. (Agri.)	28-12-2020	21493	SC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY

36.	2020	M.Sc. (Agri.)	28-12-2020	21482	OBC(GEN)	MICROBIOLOGY
37.	2020	M.Sc. (Agri.)	28-12-2020	21491	OBC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
38.	2020	M.Sc. (Agri.)	28-12-2020	21490	OBC(GEN)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
39.	2020	M.Sc. (Agri.)	28-12-2020	21489	GEN	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
40.	2020	M.Sc. (Agri.)	28-12-2020	21488	OBC(GEN)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
41.	2020	M.Sc. (Agri.)	28-12-2020	21436	OBC	BIOINFORMATICS
42.	2020	M.Sc. (Agri.)	28-12-2020	21486	ST-UPS	MICROBIOLOGY
43.	2020	M.Sc. (Agri.)	28-12-2020	21448	OBC(GEN)	ENTOMOLOGY
44.	2020	M.Sc. (Agri.)	28-12-2020	21484	OBC	MICROBIOLOGY
45.	2020	M.Sc. (Agri.)	28-12-2020	21483	OBC	MICROBIOLOGY
46.	2020	M.Sc. (Agri.)	28-12-2020	21494	GEN(PC)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
47.	2020	M.Sc. (Agri.)	28-12-2020	21404	OBC(GEN)	AGRICULTURAL EXTENSION
48.	2020	M.Sc. (Agri.)	28-12-2020	21415	GEN	AGRICULTURAL PHYSICS
49.	2020	M.Sc. (Agri.)	28-12-2020	21414	SC	AGRICULTURAL PHYSICS
50.	2020	M.Sc. (Agri.)	28-12-2020	21413	OBC-PC	AGRICULTURAL PHYSICS
51.	2020	M.Sc. (Agri.)	28-12-2020	21412	OBC	AGRICULTURAL PHYSICS
52.	2020	M.Sc. (Agri.)	28-12-2020	21411	GEN	AGRICULTURAL PHYSICS
53.	2020	M.Sc. (Agri.)	28-12-2020	21410	ST	AGRICULTURAL EXTENSION
54.	2020	M.Sc. (Agri.)	28-12-2020	21409	SC-UPS	AGRICULTURAL EXTENSION
55.	2020	M.Sc. (Agri.)	28-12-2020	21408	OBC	AGRICULTURAL EXTENSION
56.	2020	M.Sc. (Agri.)	28-12-2020	21407	OBC	AGRICULTURAL EXTENSION
57.	2020	M.Sc. (Agri.)	28-12-2020	21441	OBC(GEN)	COMPUTER APPLICATION
58.	2020	M.Sc. (Agri.)	28-12-2020	21405	EWS(GEN)	AGRICULTURAL EXTENSION
59.	2020	M.Sc. (Agri.)	28-12-2020	21418	OBC(GEN)	AGRICULTURAL STATISTICS
60.	2020	M.Sc. (Agri.)	28-12-2020	21391	OBC	AGRICULTURAL ECONOMICS
61.	2020	M.Sc. (Agri.)	28-12-2020	21389	EWS	AGRICULTURAL ECONOMICS
62.	2020	M.Sc. (Agri.)	28-12-2020	21388	OBC(GEN)	AGRICULTURAL ECONOMICS
63.	2020	M.Sc. (Agri.)	28-12-2020	21387	OBC(GEN)	AGRICULTURAL ECONOMICS
64.	2020	M.Sc. (Agri.)	28-12-2020	21386	OBC	AGRICULTURAL CHEMICALS
65.	2020	M.Sc. (Agri.)	28-12-2020	21385	OBC	AGRICULTURAL CHEMICALS
66.	2020	M.Sc. (Agri.)	28-12-2020	21384	ST	AGRICULTURAL CHEMICALS
67.	2020	M.Sc. (Agri.)	28-12-2020	21383	SC	AGRICULTURAL CHEMICALS
68.	2020	M.Sc. (Agri.)	28-12-2020	21382	EWS	AGRICULTURAL CHEMICALS
69.	2020	M.Sc. (Agri.)	28-12-2020	21406	GEN	AGRICULTURAL EXTENSION
70.	2020	M.Sc. (Agri.)	28-12-2020	21428	OBC	AGRONOMY
71.	2020	M.Sc. (Agri.)	28-12-2020	21443	SC	COMPUTER APPLICATION
72.	2020	M.Sc. (Agri.)	28-12-2020	21442	OBC	COMPUTER APPLICATION

73.	2020	M.Sc. (Agri.)	28-12-2020	21504	OBC	PLANT GENETIC RESOURCES
74.	2020	M.Sc. (Agri.)	28-12-2020	21438	GEN	BIOINFORMATICS
75.	2020	M.Sc. (Agri.)	28-12-2020	21510	OBC	PLANT PATHOLOGY
76.	2020	M.Sc. (Agri.)	28-12-2020	21434	GEN-UPS	BIOCHEMISTRY
77.	2020	M.Sc. (Agri.)	28-12-2020	21433	SC	BIOCHEMISTRY
78.	2020	M.Sc. (Agri.)	28-12-2020	21432	OBC	BIOCHEMISTRY
79.	2020	M.Sc. (Agri.)	28-12-2020	21431	OBC	BIOCHEMISTRY
80.	2020	M.Sc. (Agri.)	28-12-2020	21416	EWS(GEN)	AGRICULTURAL STATISTICS
81.	2020	M.Sc. (Agri.)	28-12-2020	21429	SC	AGRONOMY
82.	2020	M.Sc. (Agri.)	28-12-2020	21417	GEN	AGRICULTURAL STATISTICS
83.	2020	M.Sc. (Agri.)	28-12-2020	21427	EWS	AGRONOMY
84.	2020	M.Sc. (Agri.)	28-12-2020	21426	OBC	AGRONOMY
85.	2020	M.Sc. (Agri.)	28-12-2020	21425	EWS(GEN)	AGRONOMY
86.	2020	M.Sc. (Agri.)	28-12-2020	21424	EWS(GEN)	AGRONOMY
87.	2020	M.Sc. (Agri.)	28-12-2020	21423	ST	AGRICULTURAL STATISTICS
88.	2020	M.Sc. (Agri.)	28-12-2020	21422	EWS	AGRICULTURAL STATISTICS
89.	2020	M.Sc. (Agri.)	28-12-2020	21421	SC	AGRICULTURAL STATISTICS
90.	2020	M.Sc. (Agri.)	28-12-2020	21420	OBC	AGRICULTURAL STATISTICS
91.	2020	M.Sc. (Agri.)	28-12-2020	21419	OBC	AGRICULTURAL STATISTICS
92.	2020	M.Sc. (Agri.)	28-12-2020	21444	GEN	COMPUTER APPLICATION
93.	2020	M.Sc. (Agri.)	28-12-2020	21430	OBC(GEN)	BIOCHEMISTRY
94.	2020	M.Sc. (Agri.)	28-12-2020	60077	EWS(GEN)	GENETICS AND PLANT BREEDING
95.	2020	M.Sc. (Agri.)	28-12-2020	60088	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
96.	2020	M.Sc. (Agri.)	28-12-2020	60087	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
97.	2020	M.Sc. (Agri.)	28-12-2020	60086	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
98.	2020	M.Sc. (Agri.)	28-12-2020	60085	OBC	SEED SCIENCE AND TECHNOLOGY
99.	2020	M.Sc. (Agri.)	28-12-2020	60084	OBC(GEN)	SEED SCIENCE AND TECHNOLOGY
100.	2020	M.Sc. (Agri.)	28-12-2020	60083	OBC	PLANT PATHOLOGY
101.	2020	M.Sc. (Agri.)	28-12-2020	60082	OBC(GEN)	PLANT PATHOLOGY
102.	2020	M.Sc. (Agri.)	28-12-2020	60081	OBC	MICROBIOLOGY
103.	2020	M.Sc. (Agri.)	28-12-2020	60080	EWS(GEN)	MICROBIOLOGY
104.	2020	M.Sc. (Agri.)	28-12-2020	60064	OBC	AGRICULTURAL EXTENSION
105.	2020	M.Sc. (Agri.)	28-12-2020	60078	ST	GENETICS AND PLANT BREEDING
106.	2020	M.Sc. (Agri.)	28-12-2020	70004	SC	ENVIRONMENTAL SCIENCES
107.	2020	M.Sc. (Agri.)	28-12-2020	60076	EWS	GENETICS AND PLANT BREEDING
108.	2020	M.Sc. (Agri.)	28-12-2020	60075	EWS(GEN)	GENETICS AND PLANT BREEDING
109.	2020	M.Sc. (Agri.)	28-12-2020	60074	SC	GENETICS AND PLANT BREEDING

110.	2020	M.Sc. (Agri.)	28-12-2020	60070	OBC(GEN)	ENVIRONMENTAL SCIENCES
111.	2020	M.Sc. (Agri.)	28-12-2020	60069	OBC(GEN)	ENVIRONMENTAL SCIENCES
112.	2020	M.Sc. (Agri.)	28-12-2020	60068	OBC	ENTOMOLOGY
113.	2020	M.Sc. (Agri.)	28-12-2020	60067	GEN	ENTOMOLOGY
114.	2020	M.Sc. (Agri.)	28-12-2020	60066	OBC(GEN)	AGRONOMY
115.	2020	M.Sc. (Agri.)	28-12-2020	21508	EWS(GEN)	PLANT PATHOLOGY
116.	2020	M.Sc. (Agri.)	28-12-2020	60079	OBC	GENETICS AND PLANT BREEDING
117.	2020	M.Sc. (Agri.)	28-12-2020	80007	OBC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
118.	2020	M.Sc. (Agri.)	28-12-2020	90009	SC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
119.	2020	M.Sc. (Agri.)	28-12-2020	90008	ST	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
120.	2020	M.Sc. (Agri.)	28-12-2020	90007	GEN(PC)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
121.	2020	M.Sc. (Agri.)	28-12-2020	90006	OBC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
122.	2020	M.Sc. (Agri.)	28-12-2020	90005	EWS	GENETICS AND PLANT BREEDING
123.	2020	M.Sc. (Agri.)	28-12-2020	90004	OBC(GEN)	GENETICS AND PLANT BREEDING
124.	2020	M.Sc. (Agri.)	28-12-2020	90003	OBC	GENETICS AND PLANT BREEDING
125.	2020	M.Sc. (Agri.)	28-12-2020	90002	GEN	GENETICS AND PLANT BREEDING
126.	2020	M.Sc. (Agri.)	28-12-2020	90001	GEN	BIOCHEMISTRY
127.	2020	M.Sc. (Agri.)	28-12-2020	60089	EWS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
128.	2020	M.Sc. (Agri.)	28-12-2020	80008	GEN	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
129.	2020	M.Sc. (Agri.)	28-12-2020	70003	OBC	ENVIRONMENTAL SCIENCES
130.	2020	M.Sc. (Agri.)	19-02-2021	80006	OBC(GEN)	MICROBIOLOGY
131.	2020	M.Sc. (Agri.)	28-12-2020	80005	EWS(GEN)	GENETICS AND PLANT BREEDING
132.	2020	M.Sc. (Agri.)	28-12-2020	80004	OBC(GEN)	ENTOMOLOGY
133.	2020	M.Sc. (Agri.)	28-12-2020	80003	GEN	ENTOMOLOGY
134.	2020	M.Sc. (Agri.)	28-12-2020	80002	OBC	AGRONOMY
135.	2020	M.Sc. (Agri.)	28-12-2020	80001	OBC(GEN)	AGRONOMY
136.	2020	M.Sc. (Agri.)	28-12-2020	70007	EWS	PLANT PHYSIOLOGY
137.	2020	M.Sc. (Agri.)	28-12-2020	70006	OBC	PLANT PHYSIOLOGY
138.	2020	M.Sc. (Agri.)	28-12-2020	70005	GEN	ENVIRONMENTAL SCIENCES
139.	2020	M.Sc. (Agri.)	28-12-2020	60063	SC	AGRICULTURAL EXTENSION
140.	2020	M.Sc. (Agri.)	28-12-2020	80009	EWS	PLANT PATHOLOGY
141.	2020	M.Sc. (Agri.)	28-12-2020	21515	OBC(GEN)	PLANT PHYSIOLOGY
142.	2020	M.Sc. (Agri.)	28-12-2020	21529	GEN	SEED SCIENCE AND TECHNOLOGY
143.	2020	M.Sc. (Agri.)	28-12-2020	21528	GEN	SEED SCIENCE AND TECHNOLOGY
144.	2020	M.Sc. (Agri.)	28-12-2020	21525	OBC	POST HARVEST TECHNOLOGY
145.	2020	M.Sc. (Agri.)	28-12-2020	21523	EWS	POST HARVEST TECHNOLOGY
146.	2020	M.Sc. (Agri.)	28-12-2020	21522	SC	POST HARVEST TECHNOLOGY

147.	2020	M.Sc. (Agri.)	28-12-2020	21521	GEN(SC)	POST HARVEST TECHNOLOGY
148.	2020	M.Sc. (Agri.)	28-12-2020	21520	GEN	PLANT PHYSIOLOGY
149.	2020	M.Sc. (Agri.)	28-12-2020	21519	EWS	PLANT PHYSIOLOGY
150.	2020	M.Sc. (Agri.)	28-12-2020	21518	GEN	PLANT PHYSIOLOGY
151.	2020	M.Sc. (Agri.)	28-12-2020	60065	GEN	AGRONOMY
152.	2020	M.Sc. (Agri.)	28-12-2020	21516	OBC-PC	PLANT PHYSIOLOGY
153.	2020	M.Sc. (Agri.)	28-12-2020	21532	EWS(GEN)	SEED SCIENCE AND TECHNOLOGY
154.	2020	M.Sc. (Agri.)	28-12-2020	21514	OBC	PLANT PATHOLOGY
155.	2020	M.Sc. (Agri.)	28-12-2020	21513	ST-UPS	PLANT PATHOLOGY
156.	2020	M.Sc. (Agri.)	28-12-2020	21512	SC	PLANT PATHOLOGY
157.	2020	M.Sc. (Agri.)	28-12-2020	21511	GEN-UPS	PLANT PATHOLOGY
158.	2020	M.Sc. (Agri.)	28-12-2020	21390	OBC(GEN)	AGRICULTURAL ECONOMICS
159.	2020	M.Sc. (Agri.)	28-12-2020	21509	GEN	PLANT PATHOLOGY
160.	2020	M.Sc. (Agri.)	28-12-2020	21381	GEN	AGRICULTURAL CHEMICALS
161.	2020	M.Sc. (Agri.)	28-12-2020	21507	OBC(GEN)	PLANT PATHOLOGY
162.	2020	M.Sc. (Agri.)	28-12-2020	21506	OBC(GEN)	PLANT PATHOLOGY
163.	2020	M.Sc. (Agri.)	28-12-2020	21517	ST-UPS	PLANT PHYSIOLOGY
164.	2020	M.Sc. (Agri.)	28-12-2020	21547	OBC	WATER SCIENCE AND TECHNOLOGY
165.	2020	M.Sc. (Agri.)	28-12-2020	60062	OBC(GEN)	AGRICULTURAL EXTENSION
166.	2020	M.Sc. (Agri.)	28-12-2020	50069	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
167.	2020	M.Sc. (Agri.)	28-12-2020	50068	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
168.	2020	M.Sc. (Agri.)	28-12-2020	50067	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
169.	2020	M.Sc. (Agri.)	28-12-2020	50066	OBC	GENETICS AND PLANT BREEDING
170.	2020	M.Sc. (Agri.)	28-12-2020	50065	GEN	GENETICS AND PLANT BREEDING
171.	2020	M.Sc. (Agri.)	28-12-2020	50064	OBC(GEN)	GENETICS AND PLANT BREEDING
172.	2020	M.Sc. (Agri.)	28-12-2020	50063	GEN	AGRONOMY
173.	2020	M.Sc. (Agri.)	28-12-2020	50062	OBC	AGRONOMY
174.	2020	M.Sc. (Agri.)	28-12-2020	21530	OBC	SEED SCIENCE AND TECHNOLOGY
175.	2020	M.Sc. (Agri.)	28-12-2020	21548	SC	WATER SCIENCE AND TECHNOLOGY
176.	2020	M.Sc. (Agri.)	28-12-2020	21531	SC	SEED SCIENCE AND TECHNOLOGY
177.	2020	M.Sc. (Agri.)	28-12-2020	21546	GEN	WATER SCIENCE AND TECHNOLOGY
178.	2020	M.Sc. (Agri.)	28-12-2020	21540	SC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
179.	2020	M.Sc. (Agri.)	28-12-2020	21539	EWS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
180.	2020	M.Sc. (Agri.)	28-12-2020	21538	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
181.	2020	M.Sc. (Agri.)	28-12-2020	21537	OBC-PC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
182.	2020	M.Sc. (Agri.)	28-12-2020	21536	OBC(GEN)	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
183.	2020	M.Sc. (Agri.)	28-12-2020	21535	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

184.	2020	M.Sc. (Agri.)	28-12-2020	21534	OBC-PC	SEED SCIENCE AND TECHNOLOGY
185.	2020	M.Sc. (Agri.)	28-12-2020	21533	ST	SEED SCIENCE AND TECHNOLOGY
186.	2020	M.Sc. (Agri.)	28-12-2020	21505	SC	PLANT GENETIC RESOURCES
187.	2020	M.Sc. (Agri.)	28-12-2020	50061	GEN	AGRONOMY
188.	2020	M.Sc. (Agri.)	18-02-2021	21558	GEN	COMPUTER APPLICATION
189.	2020	M.Sc. (Agri.)	19-02-2021	21559	OBC(GEN)	COMPUTER APPLICATION
190.	2020	M.Sc. (Agri.)	19-02-2021	21557	OBC(GEN)	BIOINFORMATICS
191.	2020	M.Sc. (Agri.)	19-02-2021	21556	OBC(GEN)	BIOINFORMATICS
192.	2020	M.Sc. (Agri.)	19-02-2021	21561	OBC(GEN)	POST HARVEST TECHNOLOGY
193.	2020	M.Sc. (Agri.)	19-02-2021	21560	OBC	COMPUTER APPLICATION
194.	2020	M.Sc. (Hort.)	05-01-2021	21472	GEN	FRUIT SCIENCE
195.	2020	M.Sc. (Hort.)	28-12-2020	21471	SC	FRUIT SCIENCE
196.	2020	M.Sc. (Hort.)	28-12-2020	21470	EWS	FRUIT SCIENCE
197.	2020	M.Sc. (Hort.)	28-12-2020	21463	GEN	FLORICULTURE AND LANDSCAPE ARCHITECTURE
198.	2020	M.Sc. (Hort.)	28-12-2020	21468	OBC(GEN)	FRUIT SCIENCE
199.	2020	M.Sc. (Hort.)	28-12-2020	21467	OBC(GEN)	FRUIT SCIENCE
200.	2020	M.Sc. (Hort.)	28-12-2020	21466	OBC-PC	FLORICULTURE AND LANDSCAPE ARCHITECTURE
201.	2020	M.Sc. (Hort.)	28-12-2020	21465	SC	FLORICULTURE AND LANDSCAPE ARCHITECTURE
202.	2020	M.Sc. (Hort.)	28-12-2020	21464	EWS	FLORICULTURE AND LANDSCAPE ARCHITECTURE
203.	2020	M.Sc. (Hort.)	28-12-2020	21469	OBC	FRUIT SCIENCE
204.	2020	M.Sc. (Hort.)	28-12-2020	60091	OBC	VEGETABLE SCIENCE
205.	2020	M.Sc. (Hort.)	28-12-2020	60092	SC	VEGETABLE SCIENCE
206.	2020	M.Sc. (Hort.)	28-12-2020	21462	OBC(GEN)	FLORICULTURE AND LANDSCAPE ARCHITECTURE
207.	2020	M.Sc. (Hort.)	28-12-2020	21541	EWS	VEGETABLE SCIENCE
208.	2020	M.Sc. (Hort.)	28-12-2020	21542	GEN(SC)	VEGETABLE SCIENCE
209.	2020	M.Sc. (Hort.)	28-12-2020	21543	OBC	VEGETABLE SCIENCE
210.	2020	M.Sc. (Hort.)	28-12-2020	21544	SC	VEGETABLE SCIENCE
211.	2020	M.Sc. (Hort.)	28-12-2020	21545	GEN(PC)	VEGETABLE SCIENCE
212.	2020	M.Sc. (Hort.)	28-12-2020	60073	EWS	FRUIT SCIENCE
213.	2020	M.Sc. (Hort.)	28-12-2020	60072	OBC(GEN)	FRUIT SCIENCE
214.	2020	M.Sc. (Hort.)	28-12-2020	50072	EWS	VEGETABLE SCIENCE
215.	2020	M.Sc. (Hort.)	28-12-2020	50071	EWS(GEN)	VEGETABLE SCIENCE
216.	2020	M.Sc. (Hort.)	28-12-2020	50070	OBC(GEN)	VEGETABLE SCIENCE
217.	2020	M.Sc. (Hort.)	28-12-2020	60071	OBC	FRUIT SCIENCE
218.	2020	M.Sc. (Hort.)	28-12-2020	60090	OBC(GEN)	VEGETABLE SCIENCE
219.	2020	M.Tech.	28-12-2020	21399	GEN	AGRICULTURAL ENGINEERING
220.	2020	M.Tech.	28-12-2020	60061	OBC(GEN)	AGRICULTURAL ENGINEERING

221.	2020	M.Tech.	28-12-2020	21392	EWS(GEN)	AGRICULTURAL ENGINEERING
222.	2020	M.Tech.	28-12-2020	21403	EWS	AGRICULTURAL ENGINEERING
223.	2020	M.Tech.	28-12-2020	21402	EWS(GEN)	AGRICULTURAL ENGINEERING
224.	2020	M.Tech.	28-12-2020	21400	GEN	AGRICULTURAL ENGINEERING
225.	2020	M.Tech.	28-12-2020	21398	OBC-PC	AGRICULTURAL ENGINEERING
226.	2020	M.Tech.	28-12-2020	21397	ST	AGRICULTURAL ENGINEERING
227.	2020	M.Tech.	28-12-2020	21396	SC	AGRICULTURAL ENGINEERING
228.	2020	M.Tech.	28-12-2020	21395	EWS	AGRICULTURAL ENGINEERING
229.	2020	M.Tech.	28-12-2020	21394	EWS(GEN)	AGRICULTURAL ENGINEERING
230.	2020	M.Tech.	28-12-2020	21393	EWS	AGRICULTURAL ENGINEERING
231.	2020	M.Tech.	28-12-2020	70001	GEN	AGRICULTURAL ENGINEERING
232.	2020	M.Tech.	28-12-2020	70002	SC	AGRICULTURAL ENGINEERING
233.	2020	M.Tech.	28-12-2020	21527	OBC	POST HARVEST TECHNOLOGY
234.	2020	M.Tech.	28-12-2020	21526	GEN	POST HARVEST TECHNOLOGY
235.	2020	M.Tech.	28-12-2020	21401	OBC-PC	AGRICULTURAL ENGINEERING
236.	2020	Ph.D.	28-12-2020	11722	EWS	AGRONOMY
237.	2020	Ph.D.	28-12-2020	11752	SC	COMPUTER APPLICATION
238.	2020	Ph.D.	01-01-2021	11753	GEN	COMPUTER APPLICATION
239.	2020	Ph.D.	28-12-2020	11754	OBC(GEN)	ENTOMOLOGY
240.	2020	Ph.D.	28-12-2020	11755	GEN	ENTOMOLOGY
241.	2020	Ph.D.	28-12-2020	11756	OBC	ENTOMOLOGY
242.	2020	Ph.D.	28-12-2020	11757	OBC-PC	ENTOMOLOGY
243.	2020	Ph.D.	28-12-2020	11715	EWS	AGRICULTURAL STATISTICS
244.	2020	Ph.D.	28-12-2020	11723	OBC	AGRONOMY
245.	2020	Ph.D.	20-02-2021	11931	OBC	FRUIT SCIENCE
246.	2020	Ph.D.	28-12-2020	11758	EWS	ENTOMOLOGY
247.	2020	Ph.D.	28-12-2020	11732	OBC	BIOCHEMISTRY
248.	2020	Ph.D.	28-12-2020	11720	OBC(GEN)	AGRONOMY
249.	2020	Ph.D.	28-12-2020	11719	GEN	AGRONOMY
250.	2020	Ph.D.	28-12-2020	11684	SC	AGRICULTURAL ENGINEERING
251.	2020	Ph.D.	28-12-2020	11683	EWS	AGRICULTURAL ENGINEERING
252.	2020	Ph.D.	28-12-2020	11682	OBC	AGRICULTURAL ENGINEERING
253.	2020	Ph.D.	28-12-2020	11717	SC	AGRICULTURAL STATISTICS
254.	2020	Ph.D.	28-12-2020	11759	ST	ENTOMOLOGY
255.	2020	Ph.D.	28-12-2020	11760	SC	ENTOMOLOGY
256.	2020	Ph.D.	28-12-2020	11761	EWS(GEN)	ENVIRONMENTAL SCIENCES
257.	2020	Ph.D.	28-12-2020	11733	SC	BIOCHEMISTRY
258.	2020	Ph.D.	28-12-2020	11745	SC	BIOINFORMATICS
259.	2020	Ph.D.	28-12-2020	11747	OBC(GEN)	COMPUTER APPLICATION
260.	2020	Ph.D.	28-12-2020	11748	EWS(GEN)	COMPUTER APPLICATION
261.	2020	Ph.D.	28-12-2020	11681	OBC	AGRICULTURAL ENGINEERING
262.	2020	Ph.D.	28-12-2020	11749	OBC	COMPUTER APPLICATION
263.	2020	Ph.D.	28-12-2020	11750	OBC	COMPUTER APPLICATION
264.	2020	Ph.D.	28-12-2020	11714	OBC-UPS	AGRICULTURAL STATISTICS
265.	2020	Ph.D.	28-12-2020	11713	OBC	AGRICULTURAL STATISTICS

266.	2020	Ph.D.	28-12-2020	11679	GEN	AGRICULTURAL ENGINEERING
267.	2020	Ph.D.	28-12-2020	11751	EWS	COMPUTER APPLICATION
268.	2020	Ph.D.	28-12-2020	11746	GEN	BIOINFORMATICS
269.	2020	Ph.D.	28-12-2020	11734	EWS(GEN)	BIOCHEMISTRY
270.	2020	Ph.D.	28-12-2020	11744	OBC	BIOINFORMATICS
271.	2020	Ph.D.	28-12-2020	11743	OBC	BIOINFORMATICS
272.	2020	Ph.D.	28-12-2020	11742	EWS	BIOINFORMATICS
273.	2020	Ph.D.	28-12-2020	11741	GEN(SC)	BIOINFORMATICS
274.	2020	Ph.D.	28-12-2020	11716	ST	AGRICULTURAL STATISTICS
275.	2020	Ph.D.	28-12-2020	11740	OBC(GEN)	BIOINFORMATICS
276.	2020	Ph.D.	28-12-2020	11739	OBC(GEN)	BIOINFORMATICS
277.	2020	Ph.D.	28-12-2020	11731	GEN	BIOCHEMISTRY
278.	2020	Ph.D.	28-12-2020	11695	OBC(GEN)	AGRICULTURAL EXTENSION
279.	2020	Ph.D.	28-12-2020	11680	OBC(GEN)	AGRICULTURAL ENGINEERING
280.	2020	Ph.D.	28-12-2020	11707	OBC	AGRICULTURAL PHYSICS
281.	2020	Ph.D.	28-12-2020	11725	SC	AGRONOMY
282.	2020	Ph.D.	28-12-2020	11672	OBC	AGRICULTURAL ECONOMICS
283.	2020	Ph.D.	28-12-2020	11704	OBC(GEN)	AGRICULTURAL PHYSICS
284.	2020	Ph.D.	05-01-2021	11926	SC	POST HARVEST TECHNOLOGY
285.	2020	Ph.D.	28-12-2020	11688	OBC(GEN)	AGRICULTURAL ENGINEERING
286.	2020	Ph.D.	28-12-2020	11673	SC	AGRICULTURAL ECONOMICS
287.	2020	Ph.D.	28-12-2020	11735	OBC-UPS	BIOCHEMISTRY
288.	2020	Ph.D.	28-12-2020	11698	EWS	AGRICULTURAL EXTENSION
289.	2020	Ph.D.	28-12-2020	11737	EWS	BIOCHEMISTRY
290.	2020	Ph.D.	28-12-2020	11738	GEN	BIOCHEMISTRY
291.	2020	Ph.D.	28-12-2020	11696	GEN	AGRICULTURAL EXTENSION
292.	2020	Ph.D.	28-12-2020	11709	OBC(GEN)	AGRICULTURAL STATISTICS
293.	2020	Ph.D.	28-12-2020	11703	GEN	AGRICULTURAL PHYSICS
294.	2020	Ph.D.	28-12-2020	11729	OBC-PC	AGRONOMY
295.	2020	Ph.D.	23-02-2021	11927	GEN	GENETICS AND PLANT BREEDING
296.	2020	Ph.D.	28-12-2020	11664	OBC	AGRICULTURAL CHEMICALS
297.	2020	Ph.D.	28-12-2020	11690	EWS	AGRICULTURAL ENGINEERING
298.	2020	Ph.D.	28-12-2020	11670	GEN	AGRICULTURAL ECONOMICS
299.	2020	Ph.D.	28-12-2020	11669	OBC(GEN)	AGRICULTURAL ECONOMICS
300.	2020	Ph.D.	28-12-2020	11668	SC	AGRICULTURAL CHEMICALS
301.	2020	Ph.D.	28-12-2020	11667	EWS	AGRICULTURAL CHEMICALS
302.	2020	Ph.D.	28-12-2020	11736	ST	BIOCHEMISTRY
303.	2020	Ph.D.	28-12-2020	11665	GEN	AGRICULTURAL CHEMICALS
304.	2020	Ph.D.	28-12-2020	11705	OBC(GEN)	AGRICULTURAL PHYSICS
305.	2020	Ph.D.	28-12-2020	11663	SC	AGRICULTURAL CHEMICALS
306.	2020	Ph.D.	28-12-2020	11662	EWS(GEN)	AGRICULTURAL CHEMICALS
307.	2020	Ph.D.	28-12-2020	11661	GEN	AGRICULTURAL CHEMICALS
308.	2020	Ph.D.	28-12-2020	11691	OBC	AGRICULTURAL ENGINEERING
309.	2020	Ph.D.	28-12-2020	11692	SC	AGRICULTURAL ENGINEERING
310.	2020	Ph.D.	28-12-2020	11697	OBC(GEN)	AGRICULTURAL EXTENSION

311.	2020	Ph.D.	28-12-2020	11666	OBC	AGRICULTURAL CHEMICALS
312.	2020	Ph.D.	18-02-2021	11933	SC	VEGETABLE SCIENCE
313.	2020	Ph.D.	28-12-2020	11712	OBC	AGRICULTURAL STATISTICS
314.	2020	Ph.D.	28-12-2020	11675	EWS(GEN)	AGRICULTURAL ENGINEERING
315.	2020	Ph.D.	18-02-2021	11928	GEN	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
316.	2020	Ph.D.	28-12-2020	11721	OBC	AGRONOMY
317.	2020	Ph.D.	28-12-2020	11770	SC	FLORICULTURE AND LANDSCAPE ARCHITECTURE
318.	2020	Ph.D.	28-12-2020	11677	GEN	AGRICULTURAL ENGINEERING
319.	2020	Ph.D.	28-12-2020	11762	GEN	ENVIRONMENTAL SCIENCES
320.	2020	Ph.D.	28-12-2020	11701	OBC	AGRICULTURAL EXTENSION
321.	2020	Ph.D.	28-12-2020	11686	SC	AGRICULTURAL ENGINEERING
322.	2020	Ph.D.	28-12-2020	11687	EWS	AGRICULTURAL ENGINEERING
323.	2020	Ph.D.	28-12-2020	11727	GEN-UPS	AGRONOMY
324.	2020	Ph.D.	28-12-2020	11728	ST	AGRONOMY
325.	2020	Ph.D.	28-12-2020	11694	OBC(GEN)	AGRICULTURAL EXTENSION
326.	2020	Ph.D.	28-12-2020	11693	GEN	AGRICULTURAL ENGINEERING
327.	2020	Ph.D.	28-12-2020	11724	ST	AGRONOMY
328.	2020	Ph.D.	28-12-2020	11726	SC	AGRONOMY
329.	2020	Ph.D.	28-12-2020	11699	OBC	AGRICULTURAL EXTENSION
330.	2020	Ph.D.	28-12-2020	11706	SC	AGRICULTURAL PHYSICS
331.	2020	Ph.D.	28-12-2020	11678	OBC	AGRICULTURAL ENGINEERING
332.	2020	Ph.D.	28-12-2020	11674	GEN	AGRICULTURAL ECONOMICS
333.	2020	Ph.D.	28-12-2020	11676	OBC	AGRICULTURAL ENGINEERING
334.	2020	Ph.D.	28-12-2020	11685	ST	AGRICULTURAL ENGINEERING
335.	2020	Ph.D.	28-12-2020	11711	EWS(GEN)	AGRICULTURAL STATISTICS
336.	2020	Ph.D.	28-12-2020	11718	GEN(SC)	AGRONOMY
337.	2020	Ph.D.	28-12-2020	11710	OBC(GEN)	AGRICULTURAL STATISTICS
338.	2020	Ph.D.	28-12-2020	11700	SC	AGRICULTURAL EXTENSION
339.	2020	Ph.D.	28-12-2020	11702	ST-UPS	AGRICULTURAL EXTENSION
340.	2020	Ph.D.	21-02-2021	11929	GEN	FLORICULTURE AND LANDSCAPE ARCHITECTURE
341.	2020	Ph.D.	18-02-2021	11930	OBC	FLORICULTURE AND LANDSCAPE ARCHITECTURE
342.	2020	Ph.D.	28-12-2020	11671	OBC	AGRICULTURAL ECONOMICS
343.	2020	Ph.D.	19-02-2021	11932	SC	FRUIT SCIENCE
344.	2020	Ph.D.	28-12-2020	11730	OBC	AGRONOMY
345.	2020	Ph.D.	28-12-2020	11901	OBC	WATER SCIENCE AND TECHNOLOGY
346.	2020	Ph.D.	28-12-2020	11853	OBC	POST HARVEST TECHNOLOGY
347.	2020	Ph.D.	28-12-2020	11854	GEN	POST HARVEST TECHNOLOGY
348.	2020	Ph.D.	28-12-2020	11855	GEN	POST HARVEST TECHNOLOGY
349.	2020	Ph.D.	28-12-2020	11856	OBC	POST HARVEST TECHNOLOGY
350.	2020	Ph.D.	28-12-2020	11857	EWS	POST HARVEST TECHNOLOGY
351.	2020	Ph.D.	28-12-2020	11894	GEN-UPS	VEGETABLE SCIENCE
352.	2020	Ph.D.	28-12-2020	11902	EWS	WATER SCIENCE AND TECHNOLOGY
353.	2020	Ph.D.	28-12-2020	11850	OBC	PLANT PHYSIOLOGY
354.	2020	Ph.D.	28-12-2020	11900	SC	WATER SCIENCE AND TECHNOLOGY

355.	2020	Ph.D.	28-12-2020	11899	OBC	WATER SCIENCE AND TECHNOLOGY
356.	2020	Ph.D.	28-12-2020	11898	OBC	WATER SCIENCE AND TECHNOLOGY
357.	2020	Ph.D.	28-12-2020	11897	OBC(GEN)	WATER SCIENCE AND TECHNOLOGY
358.	2020	Ph.D.	28-12-2020	11896	OBC(GEN)	WATER SCIENCE AND TECHNOLOGY
359.	2020	Ph.D.	28-12-2020	11835	OBC(GEN)	PLANT PATHOLOGY
360.	2020	Ph.D.	05-01-2021	11858	OBC(GEN)	POST HARVEST TECHNOLOGY
361.	2020	Ph.D.	28-12-2020	11844	SC	PLANT PATHOLOGY
362.	2020	Ph.D.	28-12-2020	11836	OBC(GEN)	PLANT PATHOLOGY
363.	2020	Ph.D.	28-12-2020	11837	OBC(GEN)	PLANT PATHOLOGY
364.	2020	Ph.D.	28-12-2020	11838	OBC(GEN)	PLANT PATHOLOGY
365.	2020	Ph.D.	28-12-2020	11839	OBC	PLANT PATHOLOGY
366.	2020	Ph.D.	28-12-2020	11763	SC	ENVIRONMENTAL SCIENCES
367.	2020	Ph.D.	28-12-2020	11841	OBC	PLANT PATHOLOGY
368.	2020	Ph.D.	28-12-2020	11852	GEN	POST HARVEST TECHNOLOGY
369.	2020	Ph.D.	28-12-2020	11843	ST-UPS	PLANT PATHOLOGY
370.	2020	Ph.D.	28-12-2020	11851	SC	PLANT PHYSIOLOGY
371.	2020	Ph.D.	28-12-2020	11845	SC	PLANT PATHOLOGY
372.	2020	Ph.D.	28-12-2020	11846	GEN(PC)	PLANT PATHOLOGY
373.	2020	Ph.D.	28-12-2020	11847	OBC(GEN)	PLANT PHYSIOLOGY
374.	2020	Ph.D.	28-12-2020	11848	GEN	PLANT PHYSIOLOGY
375.	2020	Ph.D.	28-12-2020	11849	GEN	PLANT PHYSIOLOGY
376.	2020	Ph.D.	28-12-2020	11893	OBC	VEGETABLE SCIENCE
377.	2020	Ph.D.	28-12-2020	11768	OBC(GEN)	FLORICULTURE AND LANDSCAPE ARCHITECTURE
378.	2020	Ph.D.	28-12-2020	11867	GEN(SC)	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
379.	2020	Ph.D.	28-12-2020	11874	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
380.	2020	Ph.D.	28-12-2020	11873	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
381.	2020	Ph.D.	28-12-2020	11872	OBC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
382.	2020	Ph.D.	28-12-2020	11871	OBC(GEN)	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
383.	2020	Ph.D.	28-12-2020	11870	OBC(GEN)	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
384.	2020	Ph.D.	28-12-2020	11895	EWS(GEN)	WATER SCIENCE AND TECHNOLOGY
385.	2020	Ph.D.	28-12-2020	11868	EWS(GEN)	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
386.	2020	Ph.D.	28-12-2020	11877	ST	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
387.	2020	Ph.D.	28-12-2020	11866	OBC	SEED SCIENCE AND TECHNOLOGY
388.	2020	Ph.D.	28-12-2020	11865	SC	SEED SCIENCE AND TECHNOLOGY
389.	2020	Ph.D.	28-12-2020	11864	ST	SEED SCIENCE AND TECHNOLOGY
390.	2020	Ph.D.	28-12-2020	11863	OBC	SEED SCIENCE AND TECHNOLOGY
391.	2020	Ph.D.	28-12-2020	11862	OBC(GEN)	SEED SCIENCE AND TECHNOLOGY
392.	2020	Ph.D.	28-12-2020	11861	GEN(SC)	SEED SCIENCE AND TECHNOLOGY
393.	2020	Ph.D.	28-12-2020	11869	GEN	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
394.	2020	Ph.D.	28-12-2020	11883	GEN	VEGETABLE SCIENCE
395.	2020	Ph.D.	28-12-2020	11891	GEN(PC)	VEGETABLE SCIENCE
396.	2020	Ph.D.	28-12-2020	11890	SC	VEGETABLE SCIENCE

397.	2020	Ph.D.	28-12-2020	11889	ST	VEGETABLE SCIENCE
398.	2020	Ph.D.	28-12-2020	11888	EWS	VEGETABLE SCIENCE
399.	2020	Ph.D.	28-12-2020	11887	OBC	VEGETABLE SCIENCE
400.	2020	Ph.D.	28-12-2020	11886	SC	VEGETABLE SCIENCE
401.	2020	Ph.D.	28-12-2020	11875	SC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
402.	2020	Ph.D.	28-12-2020	11884	OBC	VEGETABLE SCIENCE
403.	2020	Ph.D.	28-12-2020	11876	SC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
404.	2020	Ph.D.	28-12-2020	11882	ST-UPS(GEN)	VEGETABLE SCIENCE
405.	2020	Ph.D.	28-12-2020	11881	OBC(GEN)	VEGETABLE SCIENCE
406.	2020	Ph.D.	28-12-2020	11880	EWS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
407.	2020	Ph.D.	28-12-2020	11879	OBC-PC	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
408.	2020	Ph.D.	28-12-2020	11878	GEN-UPS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY
409.	2020	Ph.D.	28-12-2020	11840	OBC	PLANT PATHOLOGY
410.	2020	Ph.D.	28-12-2020	11885	OBC	VEGETABLE SCIENCE
411.	2020	Ph.D.	28-12-2020	11794	EWS(GEN)	GENETICS AND PLANT BREEDING
412.	2020	Ph.D.	28-12-2020	11802	OBC	GENETICS AND PLANT BREEDING
413.	2020	Ph.D.	28-12-2020	11785	ST	FRUIT SCIENCE
414.	2020	Ph.D.	28-12-2020	11786	EWS-PC	FRUIT SCIENCE
415.	2020	Ph.D.	28-12-2020	11787	GEN	FRUIT SCIENCE
416.	2020	Ph.D.	28-12-2020	11788	EWS(GEN)	FRUIT SCIENCE
417.	2020	Ph.D.	28-12-2020	11791	OBC(GEN)	GENETICS AND PLANT BREEDING
418.	2020	Ph.D.	28-12-2020	11783	OBC	FRUIT SCIENCE
419.	2020	Ph.D.	28-12-2020	11793	GEN	GENETICS AND PLANT BREEDING
420.	2020	Ph.D.	28-12-2020	11782	OBC	FRUIT SCIENCE
421.	2020	Ph.D.	28-12-2020	11842	EWS	PLANT PATHOLOGY
422.	2020	Ph.D.	28-12-2020	11797	OBC	GENETICS AND PLANT BREEDING
423.	2020	Ph.D.	28-12-2020	11834	SC	PLANT GENETIC RESOURCES
424.	2020	Ph.D.	28-12-2020	11799	OBC	GENETICS AND PLANT BREEDING
425.	2020	Ph.D.	28-12-2020	11800	OBC	GENETICS AND PLANT BREEDING
426.	2020	Ph.D.	28-12-2020	11801	OBC	GENETICS AND PLANT BREEDING
427.	2020	Ph.D.	28-12-2020	11792	GEN	GENETICS AND PLANT BREEDING
428.	2020	Ph.D.	28-12-2020	11773	OBC	FLORICULTURE AND LANDSCAPE ARCHITECTURE
429.	2020	Ph.D.	28-12-2020	11764	EWS	ENVIRONMENTAL SCIENCES
430.	2020	Ph.D.	28-12-2020	11765	OBC	ENVIRONMENTAL SCIENCES
431.	2020	Ph.D.	28-12-2020	11766	ST	ENVIRONMENTAL SCIENCES
432.	2020	Ph.D.	28-12-2020	11767	OBC-PC	ENVIRONMENTAL SCIENCES
433.	2020	Ph.D.	28-12-2020	11769	GEN	FLORICULTURE AND LANDSCAPE ARCHITECTURE
434.	2020	Ph.D.	28-12-2020	11860	EWS(GEN)	SEED SCIENCE AND TECHNOLOGY
435.	2020	Ph.D.	28-12-2020	11784	SC	FRUIT SCIENCE
436.	2020	Ph.D.	28-12-2020	11772	EWS	FLORICULTURE AND LANDSCAPE ARCHITECTURE
437.	2020	Ph.D.	28-12-2020	11798	EWS	GENETICS AND PLANT BREEDING
438.	2020	Ph.D.	28-12-2020	11774	ST	FLORICULTURE AND LANDSCAPE ARCHITECTURE
439.	2020	Ph.D.	28-12-2020	11777	GEN	FLORICULTURE AND LANDSCAPE

						ARCHITECTURE
440.	2020	Ph.D.	28-12-2020	11778	ST	FLORICULTURE AND LANDSCAPE ARCHITECTURE
441.	2020	Ph.D.	28-12-2020	11779	OBC(GEN)	FRUIT SCIENCE
442.	2020	Ph.D.	28-12-2020	11780	EWS(GEN)	FRUIT SCIENCE
443.	2020	Ph.D.	28-12-2020	11781	OBC(GEN)	FRUIT SCIENCE
444.	2020	Ph.D.	28-12-2020	11771	GEN	FLORICULTURE AND LANDSCAPE ARCHITECTURE
445.	2020	Ph.D.	28-12-2020	11828	SC	NEMATOLOGY
446.	2020	Ph.D.	28-12-2020	11821	EWS	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
447.	2020	Ph.D.	28-12-2020	11822	OBC-UPS	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
448.	2020	Ph.D.	28-12-2020	11803	SC	GENETICS AND PLANT BREEDING
449.	2020	Ph.D.	28-12-2020	11824	ST	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
450.	2020	Ph.D.	28-12-2020	11796	SC	GENETICS AND PLANT BREEDING
451.	2020	Ph.D.	28-12-2020	11820	OBC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
452.	2020	Ph.D.	28-12-2020	11827	GEN	NEMATOLOGY
453.	2020	Ph.D.	28-12-2020	11823	SC	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
454.	2020	Ph.D.	28-12-2020	11689	EWS(GEN)	AGRICULTURAL ENGINEERING
455.	2020	Ph.D.	28-12-2020	11829	GEN	PLANT GENETIC RESOURCES
456.	2020	Ph.D.	28-12-2020	11830	GEN(SC)	PLANT GENETIC RESOURCES
457.	2020	Ph.D.	28-12-2020	11831	OBC	PLANT GENETIC RESOURCES
458.	2020	Ph.D.	28-12-2020	11832	EWS	PLANT GENETIC RESOURCES
459.	2020	Ph.D.	28-12-2020	11833	OBC	PLANT GENETIC RESOURCES
460.	2020	Ph.D.	28-12-2020	11826	EWS	NEMATOLOGY
461.	2020	Ph.D.	28-12-2020	11807	GEN	MICROBIOLOGY
462.	2020	Ph.D.	28-12-2020	11804	EWS	GENETICS AND PLANT BREEDING
463.	2020	Ph.D.	28-12-2020	11825	GEN(SC)	NEMATOLOGY
464.	2020	Ph.D.	28-12-2020	11806	GEN(PC)	GENETICS AND PLANT BREEDING
465.	2020	Ph.D.	28-12-2020	11818	GEN(SC)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
466.	2020	Ph.D.	28-12-2020	11808	EWS(GEN)	MICROBIOLOGY
467.	2020	Ph.D.	28-12-2020	11809	GEN(SC)	MICROBIOLOGY
468.	2020	Ph.D.	28-12-2020	11810	GEN	MICROBIOLOGY
469.	2020	Ph.D.	28-12-2020	11811	SC	MICROBIOLOGY
470.	2020	Ph.D.	28-12-2020	11813	OBC	MICROBIOLOGY
471.	2020	Ph.D.	28-12-2020	11814	OBC	MICROBIOLOGY
472.	2020	Ph.D.	28-12-2020	11815	ST	MICROBIOLOGY
473.	2020	Ph.D.	28-12-2020	11816	OBC(GEN)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
474.	2020	Ph.D.	28-12-2020	11817	GEN	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
475.	2020	Ph.D.	28-12-2020	11812	EWS	MICROBIOLOGY
476.	2020	Ph.D.	28-12-2020	11805	ST-UPS	GENETICS AND PLANT BREEDING

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-I/1-415/AC/2021

October 25, 2021

ENDORSEMENT

A copy of the proceedings of the 415th meeting of the Academic Council held on 1st October, 2021 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council (By name _____)
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Master of Halls of Residences, P.G. School Hostel Office
5. Sr. Admn. Officer, IMC (For members of Board of Management)
6. PS to Director/PS to Dean & Joint Director (Edn.), IARI/PS to Registrar/PS to Comptroller
7. Technical Assistants, P G School (IT Cell/Stats. Cell)
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I


(Pushendra Kumar)
Registrar

PROCEEDINGS OF THE 415th MEETING OF THE ACADEMIC COUNCIL (Online Mode) HELD ON OCTOBER 1, 2021 AT 11.00 AM AT IARI, NEW DELHI - 110012

The following members attended online meeting:

1. Dr. A.K. Singh, Director, IARI	Chairman
2. Dr. Rashmi Aggarwal, Dean & JD (Edn.) (Additional Charge)	Vice Chairperson
3. Dr. P. Das, Former DDG (Ag. Extension), ICAR, New Delhi	Member
4. Dr. A.K. Sikka, Former DDG (NRM) IWMI, NASC Complex, Pusa	Member
5. Prof. B. D. Singh, Professor Emeritus, BHU, Varanasi	Member
6. Dr. Seema Jaggi ADG (HRD), ICAR represented DDG(Edn.)	Member
7. Dr. Rajender Parsad, Director, IASRI	Member
8. Dr. C.R. Mehta, Director, CIAE, Bhopal	Member
9. Dr. Ajit Kumar Shashany, Director, NIPB	Member
10. Dr. B.N. Shrinivasa Murthy, Director, IIHR, Bengaluru (Additional Charge)	Member
11. Dr. Ashok Kumar, Director, NBPGR (Additional Charge)	Member
12. Dr. B.S. Tomar, JD (Extn.) and Professor, Veg. Science (Additional Charge)	Member
13. Dr. Man Singh, Project Director, WTC(Additional Charge) and Professor, WST	Member
14. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
15. Dr. Neera Singh, Professor, Agricultural Chemicals	Member
16. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
17. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
18. Dr. V.K. Sehgal, Professor, Agricultural Physics	Member
19. Dr. Cini Varghese, Professor, Agricultural Statistics	Member
20. Dr. T.K. Das, Professor, Agronomy	Member
21. Dr. Anil Rai, Professor, Bioinformatics	Member
22. Dr. Alka Arora, Professor, Computer Application	Member
23. Dr. Debjani Dey, Professor, Entomolgy	Member
24. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
25. Dr. K.P. Singh, Professor, Floriculture and Landscape Architecture	Member
26. Dr. O.P. Awasthi, Professor, Fruit Science	Member
27. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
28. Dr. Radha Prasanna, Professor, Microbiology	Member
29. Dr. Debasis Pattanayak, Professor, MBB	Member
30. Dr. M.R. Khan, Professor, Nematology	Member
31. Dr. Veena Gupta, Professor, PGR	Member
32. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
33. Dr. Madan Pal Singh, Professor, Plant Physiology	Member
34. Dr. V.R. Sagar, Professor, Post Harvest Technology(Additional Charge)	Member
35. Dr. S.K. Chakrabarty, Professor, SST (Additional Charge)	Member
36. Dr. S.P. Datta, Professor, SS&AC	Member
37. Dr. Anil Sirohi, MOHR, P.G. Hostels	Member
38. Dr. V.R. Srinivasan, Comptroller	Member
39. Dr. A. Nagaraja, Principal Scientist, Fruit Science and Faculty Representative to the Academic Council	Member
40. Dr. Renu Pandey, Principal Scientist, Plant Physiology and Faculty Representative to the Academic Council	Member
41. Mr. Deep Chand, Incharge, IARI Library	Member
42. Mr. Rahul Kumar, President, PGSSU	Member
43. Mr. Manu S.M., Students' Representative to the AC	Member
44. Mr. Pushendra Kumar, Registrar	Member Secretary

The following members could not attend the meeting:

Dr. C. Devakumar, Former ADG, ICAR (Outside Member)	Member
Dr. (Mrs.) Alka Singh, Professor, Agricultural Economics	Member
Dr. Anil Dahuja, Professor, Biochemistry	Member

Dr. (Ms.) Rashmi Aggarwal, Dean and Joint Director (Edn.) extended a formal welcome to Dr. A.K. Singh, Director, IARI and Chairman, Academic Council. Thereafter, Dr. A.K. Singh, Chairman of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. The Chairman also welcomed the new members of the Academic Council attending the meeting for the first time:

New members

1. Dr. Ashok Kumar, Director, NBPGR (Additional Charge)
2. Dr. B.N. Shrinivasa Murthy, Director, IIHR Bengaluru
3. Dr. B.S. Tomar, Joint Director(Extension) and Professor, Vegetable Science (additional charge)
4. Dr. (Mrs.) Cini Varghese, Professor, Agricultural Statistics
5. Dr. (Mrs.) Alka Arora, Professor, Computer Application
6. Dr. V.R. Sagar, Professor, Post Harvest Technology

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. Kuldeep Singh, Former Director, NBPGR
2. Dr. M.R. Dinesh, Former Director, IIHR Bengaluru
3. Dr. (Ms.) Seema Jaggi, Former Professor, Agricultural Statistics
4. Dr. Sudeep Marwaha, Former Professor, Computer Application
5. Dr. S.K. Jha, Former Professor, Post Harvest Technology
6. Dr. T.K. Behra, Former Professor, Vegetable Science

The following officials attended as Special Invities:

1. Dr. H. Pathak, Director, NIASM, Baramati
2. Dr. Shri Vishal Nath, OSD, IARI Jharkhand

The Director and Chairman, Academic Council apprised the Academic Council about the educational, research, extension and other activities/achievements of the Institute specially the IARI's Global University proposal/presentation before the Hon'ble Union Minister of Agriculture and Farmers Welfare.

Thereafter, the following agenda items were taken up for consideration:

Agenda Item No.	Description of Agenda Items
415.1	Confirmation of the proceedings of the 414 th meeting of the Academic Council held on February 11, 2021
415.2	Action Taken Report on the Proceedings of the 414 th meeting of the Academic Council held on February 11, 2021
415.3	Consideration of the recommendations of the Standing Committee on Faculty & Discipline made in its meetings held on March 6, 2021 and July 17, 2021
415.4	Consideration of the recommendations of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its

	meeting held on April 12, 2021
415.5	Consideration of observation of National Agricultural Education Accreditation Board (NAEAB) of ICAR on granting accreditation to IARI, New Delhi
415.6	Considerations of degree nomenclature of M.Sc. and Ph.D. of PHT discipline
415.7	Consideration of the recommendations of the meeting of the Standing Committee on Course Curricula and Academic Affairs held on July 17, 2021 to discuss on three non-accredited programmes
415.8	Consideration of the recommendations of the Committee constituted for revision of guidelines of existing institute awards and framing guidelines for new awards
415.9	Finalization of number of seats for admission to M.Sc./M.Tech. and Ph.D. degree programmes at IARI, New Delhi and at PG outreach institutions for the Academic Session 2021-22
415.10	Any other item with the permission of the Chair

Agenda Item No. 415.1: Confirmation of the Proceedings of the 414th meeting of the Academic Council held on 11.2.2021

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 414th meeting. Since no comment was there, the proceedings of the previous meeting was confirmed by the house.

Agenda Item No. 415.2: Report on action taken on the proceedings of the 414th meeting of the Academic Council held on 11.2.2021

Dean and Joint Director (Education) presented the action taken report which was approved by the house.

Agenda Item No. 415.3 Consideration of the proceedings of the meeting of the Standing Committee on Faculty and Discipline held on 06.03.2021 and 17.07.2021

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

Meeting held on 06.03.2021

415.3.1: Induction of the following 31 Scientists into PG Faculty in their respective disciplines at IARI, New Delhi (18), IARI PG outreach Programme at IIHR-Bengaluru (4), NIASM-Baramati (6) and NIBSM-Raipur (3) as they met the qualifications/eligibility criteria as per the prescribed guidelines.

S. No.	Name of the Scientist & Designation	Name of the Discipline
IARI, New Delhi		
1	Dr. Gulab Singh Yadav, Scientist (Senior Scale)	Agronomy
2	Mr. Rishi Raj, Scientist (Senior Scale)	-do-
3	Dr. Dibakar Mahanta, Senior Scientist	-do-

4	Dr. Anuja A.R., Scientist	Agricultural Economics
5	Dr. Raju R., Scientist	-do-
6	Dr. Dilip Kushwaha, Scientist	Agricultural Engineering(FMPE)
7	Er. Utpal Ekka, Scientist	-do-
8	Dr. Ajeet Singh, Scientist	Biochemistry
9	Dr. Sunil Kumar, Principal Scientist	Bioinformatics
10	Dr. K.P. Mohapatra, Principal Scientist, NBPGR	Environmental Sciences
11	Dr. Jang Bahadur Singh, Senior Scientist	Genetics and Plant Breeding
12	Dr. Chandan Kapoor, Scientist	-do-
13	Dr. Manjeet Kumar, Scientist	-do-
14	Dr. Joshitha Vijayan, Scientist	Molecular Biology and Biotechnology
15	Dr. Mahesh Rao, Scientist	-do-
16	Dr. Subhash Chander, Scientist	Plant Genetic Resources
17	Dr. Vijayakumar H.P., Senior Scientist	Seed Science and Technology
18	Dr. Prasenjit Ray, Scientist(SS)	Soil Science
IARI PG outreach Programme at IIHR, Bengaluru		
1	Dr. Raghu, B.R., Scientist	Genetics and Plant Breeding
2	Ms. Poornima K N, Scientist	Molecular Biology and Biotechnology
3	Dr. Vijay Rakesh Reddy, S., Scientist	Post Harvest Technology
4	Dr. M. Thangam, Principal Scientist	Vegetable Science
IARI PG Outreach Programme at NIASM, Baramati		
1	Dr. Paritosh Kumar, Scientist	Environmental Science
2	Mr. N. Karthikeyan, Scientist	Microbiology
3	Dr. Gurumurthy S., Scientist	Plant Physiology
4	Dr. KhaptePratap Singh Suresh, Scientist	Vegetable Science
5	Dr. Neeraj Kumar, Scientist	Other faculty
6	Dr.ChavanSangram Bhanudas, Scientist	-do-
IARI PG Outreach Programme at NIBSM, Raipur		
1	Dr. Binod Kumar Choudhary, Senior Scientist	Other faculty
2	Dr. Mamta Choudhary, Senior Scientist	-do-
3	Dr. Soumya Dash, Scientist	-do-

415.3.2: Recognition of the following 11 faculty members of IARI as Research guides for M.Sc. guidance in their respective disciplines as they meet the prescribed requirements/eligibility criteria for becoming the research guides:

S. No.	Name of the Scientist & Designation	Name of the Discipline
1	Dr. Jyoti Ranjan Mishra, Principal Scientist	Agricultural Extension
2	Dr. Kaustav Aditya, Scientist	Agricultural Statistics

3	Dr. U.B. Angadi, Principal Scientist	Bioinformatics
4	Dr.Kumaranag K.M., Scientist	Entomology
5	Dr. Prativa Anand, Scientist	Floriculture and Landscape Architecture
6	Dr. Vanlalruati, Scientist	-do-
7	Dr. Deepak Singh Bisht, Scientist	Molecular Biology & Biotechnology
8	Dr. Amit Kumar Singh, Sr. Scientist	Plant Genetic Resources
9	Dr. KuldeepTripathi, Scientist	-do-
10	Dr. Nagamani Sandra, Scientist	Seed Science and Technology
11	Dr. Indu Chopra, Scientist (SS)	Soil Science

415.3.3 The Academic Council approved the revised research paper requirement guidelines for both faculty induction and for research guide:

- For the Faculty induction:** Three full length peer reviewed research papers published during the last five years with senior/ sole authorship or as corresponding author and with NAAS score of 6.0 and above to be considered.
- For Research Guide:** Three full length peer reviewed research papers published during the last five years with senior/ sole authorship or as corresponding author and with NAAS score of 6.0 and above to be considered.

Meeting held on 17.07.2021

415.3.4 Induction of following 4 Scientists into PG Faculty in their respective disciplines at IARI, New Delhi as they met the qualifications/eligibility criteria as per the prescribed guidelines.

S. No.	Name & Designation	Name of the Discipline
1.	Dr.Vijay Kumar Prajapati, Scientist	Water Science and Technology
2.	Dr. Archana Anokhe, Scientist	Entomology
3.	Dr. Raj Kumar Gautam, Principal Scientist	Plant Genetic Resources
4.	Dr.Chandan Kumar Deb, Scientist	Computer Application

415.3.5 Recognition of the following 06 faculty members of IARI, New Delhi (5) and IIHR, Bengaluru(1) as Research guides for M.Sc. guidance in their respective disciplines as they meet the prescribed requirements for becoming the research guides:

S. No.	Name & Designation	Name of the Discipline
IARI, New Delhi		
1.	Mr. Achchhelal Yadav, Scientist	Agricultural Physics
2.	Dr.Sangita Bansal, Principal Scientist	Plant Genetic Resources
3.	Dr.Seema Sangwan, Scientist (SS)	Microbiology
4.	Dr.Abir Dey, Scientist	Soil Science
5.	Dr.Gograj Singh Jat, Scientist (SS)	Vegetable Science
IARI PG outreach Programme at IIHR, Bengaluru		
6.*	Dr.Ponnam Naresh, Scientist,IIHR	Vegetable Science

*eligible for guidance of Ph.D. students

415.3.6 Recognition of Dr. Arun Kumar T.V. and Dr. Sangeeta Chopra Scientists from Agricultural Engineering discipline as dual faculty in Postharvest Engineering & Technology for guidance and teaching of on roll students.

415.3.7 The Academic Council approved the recommendation of the Standing Committee that **Dr. Arun Kumar Tripathi**, Director General, National Institute of Solar Energy (NISE), Government of India, as Adjunct Faculty in the discipline of Agricultural Engineering.

Agenda Item No. 415.4 Consideration of the recommendations of the meeting of the Standing Committee on Scholarships, Financial Assistance & Academic Progress held on 12.04.2021

The Academic Council ratified the decision of Chairman, Academic Council on disbursement of Scholarship/Fellowship as per the following recommendation of Standing Committee.

During the Academic Session 2020-21, a total number of 259 candidates were admitted to Ph.D. degree programme under different Schemes at IARI and IARI PG Outreach Institutes. On the basis of the application/undertaking/proforma submitted by the students, forwarded by the concerned Professors and duly verified by the PGS-II Section, the Standing Committee made the following recommendations:

415.4.1 The rate and tenure of Fellowship as per the ICAR i.e., Rs. 31,000 for the First two years and Rs. 35000 for the third year, Contingency of Rs. 10000/p.a. and maximum duration of fellowship is only for three years as per the terms and conditions of ICAR SRFs.

415.4.2 As per P.G. School Calendar para 15.3.3 and 15.3.5, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. The payment of Scholarship/Fellowship shall be reviewed at the end of 2nd Semester and only those students will be permitted to continue getting fellowship who maintain the OGPA of 6.50 out of 10.00 at the end of 2nd Semester (*Commencement of the Academic Year 2020-21 is 28.12.2020*).

415.4.3 141 students enrolled at IARI, New Delhi/CIAE Bhopal/IIHR Bengaluru who are awarded/eligible for ICAR-JRF @Rs.31000/-per month for first two years and @ Rs.35,000/- per month + Rs.10,000/- contingency grant for third year will get their Fellowship from ICAR.

S. No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE ENROL
1	11669	Ajmal S	Agricultural Economics	28/12/2020
2	11670	Aditi Agrawal	--do--	28/12/2020
3	11671	S Rohith	--do--	28/12/2020
4	11672	Jagadeesh M S	--do--	28/12/2020
5	11673	Thrilok Belli B M	--do--	28/12/2020
6	11674	Padigapati Venkata Naga Sindhuja	--do--	28/12/2020
7	11675	Patil Rajvardhan Kiran	Agricultural Engineering	28/12/2020
8	11676	Rahul Kumar	--do--	28/12/2020
9	11679	Sanghani Vikas Narayanbhai	--do--	28/12/2020

10	11680	Ramkishor Kurmi	--do--	28/12/2020
11	11684	Manojit Chowdhury	--do--	28/12/2020
12	11688	Prakashbhai Bijalbhai Ahir	--do--	28/12/2020
13	11689	Ajay Narayanrao Satpute	--do--	28/12/2020
14	11690	Amit Kumar	--do--	28/12/2020
15	11692	Satish Manda	--do--	28/12/2020
16	11694	Sushmita Saini	Agricultural Extension	28/12/2020
17	11695	Praveen Kumar	--do--	28/12/2020
18	11696	Sai Priyanka Pagadala	--do--	28/12/2020
19	11697	Th.D Grace Chiru	--do--	28/12/2020
20	11698	Sudip Kumar Gorai	--do--	28/12/2020
21	11699	Preeti Yadav	--do--	28/12/2020
22	11700	Sonali Mallick	--do--	28/12/2020
23	11701	Sk Wasaful Quader	--do--	28/12/2020
24	11702	Vishwanatha B P	--do--	28/12/2020
25	11703	Tridiv Ghosh	Agricultural Physics	28/12/2020
26	11709	Lokeshwari M	--do--	28/12/2020
27	11710	Sandip Garai	--do--	28/12/2020
28	11718	Kiranmoy Patra	Agronomy	28/12/2020
29	11719	Sasmita Tripathy	--do--	28/12/2020
30	11720	Sandeep Kumar	--do--	28/12/2020
31	11721	Alekhya Gunturi	--do--	28/12/2020
32	11722	Kadapasreenivasareddy	--do--	28/12/2020
33	11723	Ajmul Hasan	--do--	28/12/2020
34	11724	Rakesh Dawar	--do--	28/12/2020
35	11725	Sunil Kumar	--do--	28/12/2020
36	11726	Shyam Karan	--do--	28/12/2020
37	11728	Bixapathi Banoth	--do--	28/12/2020
38	11729	Faris P	--do--	28/12/2020
39	11730	Smruti Ranjan Padhan	--do--	28/12/2020
40	11731	Chandrika Das	Biochemistry	28/12/2020
41	11733	Shreya Mandal	--do--	28/12/2020
42	11754	Vadivel C	Entomology	28/12/2020
43	11755	Rakesh Kumar Behera	--do--	28/12/2020
44	11756	Kishore Chandra Sahoo	--do--	28/12/2020
45	11757	Hemant Kumar	--do--	28/12/2020
46	11758	Gundreddy Raja Reddy	--do--	28/12/2020
47	11759	K Chandra Kumara	--do--	28/12/2020
48	11760	Mugundhan N	--do--	28/12/2020
49	11761	Machanuru Raviteja	Environmental Sciences	28/12/2020
50	11763	Sibananda Darjee	--do--	28/12/2020
51	11768	Vaishali C	Floriculture and Landscape Architecture	28/12/2020
52	11769	Vidyashree S	--do--	28/12/2020
53	11770	Girish P M	--do--	28/12/2020
54	11779	Vishal Balasaheb Mhetre	Fruit Science	28/12/2020
55	11780	Chaithra T S	--do--	28/12/2020
56	11781	Amulya S	--do--	28/12/2020
57	11782	Anagha P K	--do--	28/12/2020
58	11783	Kripa Shankar	--do--	28/12/2020
59	11784	Chandana M R	--do--	28/12/2020
60	11785	Mude Ramya Sree	--do--	28/12/2020
61	11786	Chukkamettu Anusha	--do--	28/12/2020
62	11791	Ramesh	Genetics and Plant Breeding	28/12/2020
63	11792	Govinda Rai Sarma	--do--	28/12/2020
64	11793	Nitesh Kushwaha	--do--	28/12/2020
65	11794	Shivaprasad K M	--do--	28/12/2020
66	11796	Danakumara T	--do--	28/12/2020
67	11797	Vinay Rojaria	--do--	28/12/2020
68	11798	Harshitha B S	--do--	28/12/2020

69	11799	Karthik Kumar M	--do--	28/12/2020
70	11800	Amaresh	--do--	28/12/2020
71	11801	Sugumar S	--do--	28/12/2020
72	11802	Adithya P Balakrishnan	--do--	28/12/2020
73	11803	Amitava Roy	--do--	28/12/2020
74	11805	Pulak Debbarma	--do--	28/12/2020
75	11806	Saikat Chowdhury	--do--	28/12/2020
76	11807	Udita Pushpad	Microbiology	28/12/2020
77	11808	Annayya	--do--	28/12/2020
78	11809	Dipankar Chowdhury	--do--	28/12/2020
79	11811	Elakkya M	--do--	28/12/2020
80	11815	Bipin Bihari Hembrom	--do--	28/12/2020
81	11816	Samar Deb	Molecular Biology and Biotechnology	28/12/2020
82	11817	Mareyam	--do--	28/12/2020
83	11818	Jeet Roy	--do--	28/12/2020
84	11820	Vibha Kamati	--do--	28/12/2020
85	11823	Anuj Kumar	--do--	28/12/2020
86	11824	Renu Kumari	--do--	28/12/2020
87	11825	Santhoshkumar Ek	Nematology	28/12/2020
88	11829	Siddhant Ranjan Padhi	Plant Genetic Resources	28/12/2020
89	11830	G J Abhishek	--do--	28/12/2020
90	11831	Rithesh B N	--do--	28/12/2020
91	11834	Nitika Kalia	--do--	28/12/2020
92	11835	Sreenayana B	Plant Pathology	28/12/2020
93	11836	Shanmugaraj C	--do--	28/12/2020
94	11837	Akshay Kumar H M	--do--	28/12/2020
95	11838	Vijay Shree Gahlot	--do--	28/12/2020
96	11839	Sathiyaseelan K	--do--	28/12/2020
97	11840	Abdul Qadir	--do--	28/12/2020
98	11841	Haritha Mohan M	--do--	28/12/2020
99	11842	Yeluru Mohan Babu	--do--	28/12/2020
100	11843	Halima Khatoon	--do--	28/12/2020
101	11844	Dharmappa Dhanasing Chavan	--do--	28/12/2020
102	11845	Vinod Chouhan	--do--	28/12/2020
103	11846	Sudeepta Pattanayak	--do--	28/12/2020
104	11847	Divya Bharathi	Plant Physiology	28/12/2020
105	11848	Samrat Das	--do--	28/12/2020
106	11849	G.Andonissamy Daniel	--do--	28/12/2020
107	11851	Taria Sukumar	--do--	28/12/2020
108	11717	A Anil Kumar	Post Harvest Technology	28/12/2020
109	11852	Shatakashi Mishra	--do--	28/12/2020
110	11860	Shahil Kumar	Seed Science and Technology	28/12/2020
111	11861	Chaithanya G	--do--	28/12/2020
112	11864	Vislavath Ramvilas Pashwan	--do--	28/12/2020
113	11865	Deepak Rao	--do--	28/12/2020
114	11867	Rishbh Kumar Didawat	Soil Science	28/12/2020
115	11868	Amit Kumar Dash	--do--	28/12/2020
116	11869	Soura Shuvra Gupta	--do--	28/12/2020
117	11870	Surya Prakash Yadav	--do--	28/12/2020
118	11871	Kritagya Gangwar	--do--	28/12/2020
119	11872	Praveen Kumar	--do--	28/12/2020
120	11873	Prem Kumar B	--do--	28/12/2020
121	11874	Tirunagari Rupesh	--do--	28/12/2020
122	11875	Plabani Roy	--do--	28/12/2020
123	11876	Shilpa	--do--	28/12/2020
124	11877	Deepak Kumar Meena	--do--	28/12/2020
125	11879	Asheesh Kumar	--do--	28/12/2020
126	11880	Sourav Das	--do--	28/12/2020
127	11881	Sushmitha L C	Vegetable Science	28/12/2020

128	11882	Koku K. Tara	--do--	28/12/2020
129	11883	Anamika Chandel	--do--	28/12/2020
130	11884	Bhargav Kiran	--do--	28/12/2020
131	11886	Pradeepkumara N	--do--	28/12/2020
132	11887	Kakali Das	--do--	28/12/2020
133	11889	Abhilash Kavalgi	--do--	28/12/2020
134	11890	Supriya Mandal	--do--	28/12/2020
135	11891	Pooja Belwal	--do--	28/12/2020
136	11895	Ankit	Water Science and Technology	28/12/2020
137	11677	EDDE MOUNIKA, CIAE BHPAL	Agricultural Engineering	28/12/2020
138	11693	PANGAM HERAMB, CIAE BHPAL	--do--	28/12/2020
139	11778	CHANDANA S, IIHR BENGALURU	Floriculture and Landscape Architecture	28/12/2020
140	11788	SINCHANA JAIN N R, IIHR BENGALURU	Fruit Science	28/12/2020
141	11893	KOWSALYA K B, IIHR BENGALURU	Vegetable Science	28/12/2020

415.4.4 Award of Institute's Sr. Scholarship @ Rs.31,000/- per month for first two years and @Rs.35000/- per month for third year + Rs.10,000/- contingent grant per Annum to 69 candidates admitted at IARI, New Delhi as per the list given below:

S. No.	NAME OF THE STUDENT	ROLL NO.	DISCIPLINE	DATE of ENROLMENT
1.	DebabrataGhoshal	11661	Agricultural Chemicals	28/12/2020
2.	Harshangkumar GovindbhaiTalaviya	11662	-do-	28/12/2020
3.	Shreosi Biswas	11663	-do-	28/12/2020
4.	Partha Chandra Mondal	11664	-do-	28/12/2020
5.	RajniGodara	11665	-do-	28/12/2020
6.	Shila Neel	11666	-do-	28/12/2020
7.	GarimaSethi	11667	-do-	28/12/2020
8.	Pallavi Singh	11668	-do-	28/12/2020
9.	Jagjeet Singh	11681	Agricultural Engineering	28/12/2020
10.	Pradeep Kumar	11682	-do-	28/12/2020
11.	Harshit Kumar Chauhan	11683	-do-	28/12/2020
12.	Mude Arjun Naik	11685	-do-	28/12/2020
13.	SurajGoswami	11691	-do-	28/12/2020
14.	Shreya Gupta	11704	Agricultural Physics	28/12/2020
15.	Aatralarasi S	11705	-do-	28/12/2020
16.	Nandita Mandal	11706	-do-	28/12/2020
17.	Selvaprakash R	11707	-do-	28/12/2020
18.	PritamSaha	11727	Agronomy	28/12/2020
19.	SohelRahaman	11732	Biochemistry	28/12/2020
20.	Minakshi Dutta	11734	-do-	28/12/2020
21.	RosalinLaishram	11735	-do-	28/12/2020
22.	Nandini G A	11736	-do-	28/12/2020
23.	Anjali Ranjan	11737	-do-	28/12/2020
24.	BrijeshLekhak	11738	-do-	28/12/2020
25.	Anandwardhan	11762	Environmental Sciences	28/12/2020
26.	Ram Krishna Dubey	11764	-do-	28/12/2020
27.	Mathiyarasi	11765	-do-	28/12/2020
28.	LukeshwariShyam	11766	-do-	28/12/2020
29.	Pankaj Kumar Patel	11767	-do-	28/12/2020

30.	SaipriyaPanigrahi	11771	Floriculture and Landscape Architecture	28/12/2020
31.	Shantesh Ramesh Kamath	11772	-do-	28/12/2020
32.	Sindhu K	11773	-do-	28/12/2020
33.	Deachen Dolma	11774	-do-	28/12/2020
34.	Sadia Perween	11804	Genetics and Plant Breeding	28/12/2020
35.	RavinaBeniwal	11909	-do-	28/12/2020
36.	Amrita Thomas	11910	-do-	28/12/2020
37.	Mohit Sharma	11927	-do-	23/2/2021
38.	Shreya Virmani	11810	Microbiology	28/12/2020
39.	Devashish Pathak	11812	-do-	28/12/2020
40.	Sudheer K	11813	-do-	28/12/2020
41.	Nivedha Rm	11814	-do-	28/12/2020
42.	Priya	11821	Molecular Biology and Biotechnology	28/12/2020
43.	NitasanaRajkumari	11822	-do-	28/12/2020
44.	Priyanka Kumari	11928	-do-	18/02/2021
45.	Patel BhumikabenManilal	11826	Nematology	28/12/2020
46.	PasupuletiSnehalatha	11827	-do-	28/12/2020
47.	Jithoop D	11828	-do-	28/12/2020
48.	Chethan Kumar K B	11832	Plant Genetic Resources	28/12/2020
49.	Pooja Verma	11833	-do-	28/12/2020
50.	Pavithra Ks	11850	Plant Physiology	28/12/2020
51.	Menaka M	11853	Post Harvest Technology	28/12/2020
52.	Misha Poddar	11854	-do-	28/12/2020
53.	Vinod B R	11855	-do-	28/12/2020
54.	Lekshmi S G	11856	-do-	28/12/2020
55.	Sukanya Mam	11922	-do-	28/12/2020
56.	Gouthami Shiva Swamy	11926	-do-	05/01/2021
57.	MonalishaSahoo	11862	Seed Science and Technology	28/12/2020
58.	Yamanappa	11863	-do-	28/12/2020
59.	Narender Pal	11866	-do-	28/12/2020
60.	Dewali Roy	11878	-do-	28/12/2020
61.	Rakshitha K N	11885	Vegetable Science	28/12/2020
62.	Yogananda M	11888	-do-	28/12/2020
63.	SairamArpula	11896	Water Science and Technology	28/12/2020
64.	Gokulraj S	11897	-do-	28/12/2020
65.	Shivani Sanjay Buddekar	11898	-do-	28/12/2020
66.	Suryanshu Yadav	11899	-do-	28/12/2020
67.	GaddamSidhartha	11900	-do-	28/12/2020
68.	Vishnu Prasad	11901	-do-	28/12/2020
69.	B Soujanya	11902	-do-	28/12/2020

415.4.5 Award of Institute's Sr. Scholarship @ Rs.31,000/- per month + Rs.10,000/- contingent grant for first two years and @ Rs.35,000/- per month + Rs.10,000/- for third year to the following 02 students admitted at CIAE, Bhopal under IARI PG Outreach Programme

S.No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Praween Kumar Nishad	11678	Agricultural Engineering	28/12/2020
2.	Anni Kumar Singh	11687	--do--	28/12/2020

415.4.6 Award of Institute's Sr. Scholarship @ Rs.31,000/- per month + Rs.10,000/- contingent grant for first two years and @ Rs.35,000/- per month + Rs.10,000/- for third year to the following 09 students admitted at IIHR, Bengaluru under IARI PG Outreach Programme

S.No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Labdhi Dilip Dedhia	11777	Floriculture and Landscape Architecture	28/12/2020
2.	Poojitha S R	11929	-do-	21/02/2021
3.	NikhilaVaagdeviAnumala	11930	-do-	18/02/2021
4.	Rakesh Jangid	11931	Fruit Science	20/02/2021
5.	Ajay Kumar	11932	-do-	19/02/2021
6.	Chandini M	11857	Post Harvest Technology	28/12/2020
7.	Pavankumar M	11858	-do-	05/02/2021
8.	SudeshnaKharga	11894	Vegetable Science	28/12/2020
9.	Meghana D	11933	-do-	18/02/2021

415.4.7 Award of Institute's Sr. Scholarship @ Rs. 3,000/- per month + Rs. 10,000/- per annum as contingent grant to the following 6 (5 IARI + 1 IIHR) students who were admitted under Faculty Up-gradation Scheme/ICAR-Inservice Scheme/ Inservice Candidate of Open scheme.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Satish Kumar, IARI KATRAIN (DEPTT T.)	11911	Microbiology	21/01/2021
2.	Utkarsh Kumar, VPKAS ALMORA (ICAR-IN SERVICE)	11905	Agricultural Engineering	28/12/2020
3.	Paresh Baldeorao Chaukhande, CPRI SHIMLA, (ICAR-IN SERVICE)	11920	Vegetable Science	29/12/2020
4.	Gujjala Narayana Swamy, ANGRAU, GUNTUR, FUS	11919	Vegetable Science, IIHR Bengaluru	24/12/2020
5.	Monika Singh, ICAR-CISH, LUCKNOW, (OPEN SCHEME In-Service)	11753	Computer Application	01/01/2021
6.	Karnena Koteswara Rao, ICAR-RCER, PATNA, (ICAR-IN SERVICE)	11915	Soil Science	28/12/2020

415.4.8 Award of Contingent grant only @ Rs.10,000/- per annum to the following six (6 IARI) Departmental Technical Candidates working at the same station.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Sunita Yadav, IARI New Delhi (DEPTT S.)	11916	Soil Science	29/01/2021
2.	Kamlesh Kumar Lakhena, IARI New Delhi (DEPTT T.)	11906	Agronomy	28/12/2020
3.	Ashok Kumar, IARI New Delhi (DEPTT T.)	11923	--do--	28/12/2020
4.	Ainmisha, IARI New Delhi (DEPTT T.)	11912	Plant Pathology	03/01/2021
5.	Binder Singh, IARI New Delhi (DEPTT T.)	11917	Soil Science	03/01/2021
6.	Rameshwar Dayal Meena, IARI New Delhi (DEPTT T.)	11918	--do--	28/12/2020

415.4.9 Following 20 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Institute Sr. Scholarship from IASRI, New Delhi.

S.NO.	NAME OF THE STUDENT	ROLL NO.	DISCIPLINE	DATE OF ENROL.
1.	G Avinash	11711	Agricultural Statistics	28/12/2020
2.	Bijoy Chanda	11712	-do-	28/12/2020
3.	NehataiWamanraoAgashe	11713	-do-	28/12/2020
4.	MoumitaBaishya	11714	-do-	28/12/2020
5.	Kamal Sharma	11715	-do-	28/12/2020
6.	Rishabh Singh Shyam	11716	-do-	28/12/2020
7.	Sharanbasappa	11739	Bioinformatics	28/12/2020
8.	Parinita Das	11740	-do-	28/12/2020
9.	Mailaralinga	11741	-do-	28/12/2020
10.	Mamatha Y S	11742	-do-	28/12/2020
11.	NainaKumari	11743	-do-	28/12/2020
12.	Princy	11744	-do-	28/12/2020
13.	NimaiCharanMahanandia	11745	-do-	28/12/2020
14.	Anupama Roy	11746	-do-	28/12/2020
15.	TamalKundu	11747	Computer Application	28/12/2020
16.	Mohit Kumar	11748	-do-	28/12/2020
17.	Sowndarya C A	11749	-do-	28/12/2020
18.	Lalit Birla	11750	-do-	28/12/2020
19.	ShaliniKumari	11751	-do-	28/12/2020
20.	VtShalini	11752	-do-	28/12/2020

415.4.10 The Standing Committee **did not recommend** award of Institute's Sr. Scholarship to the following six In-service students as they have already availed the benefit of Scholarship during their last admission at IARI for the same programme and left the course incomplete. Further, the Standing Committee was also of the view that necessary recovery on account of Surety Bond, Fellowship, etc. as per rules may also be made from these students, if due. Further, to avoid second time award of fellowship, a suitable undertaking to the effect that the students has not availed the benefit of Scholarship for the same programme earlier from or through IARI/ICAR, may be obtained.

S.N O.	NAME OF THE STUDENT	ROLL NO.	DISCIPLINE	DATE OF ENROL.
1.	Borkar Narayan Totaram, ICAR-NRRI ODISHA, OPEN SCHEME, In-Service	11686	Agricultural Engineering	28/12/2020
2.	Lal Chand, ICAR-CIAH BIKANER, OPEN SCHEME In-Service	11787	Fruit Science	28/12/2020
3.	Bhargavi, H. A., IGFRI JHANSI, (ICAR-IN SERVICE	11908	Genetics and Plant Breeding	28/12/2020
4.	Abhishek Jangir NBSS LUP), (ICAR-IN SERVICE	11913	Soil Science	05/01/2021
5.	Jogendra Singh, IARI NEW DELHI, (DEPTT S)	11921	Vegetable Science	29/12/2020
6.	Nand Lal Meena, NBPGR NEW DELHI, (DEPTT S)	11907	Biochemistry	08/01/2021

415.4.11 Award of IARI Jr. Scholarship to M.Sc./M.Tech. students admitted during 2020-21 academic session was considered. During the Academic Session 2020-21, a total number of 239 candidates were admitted to M.Sc./M.Tech. degree programme under different Schemes at IARI and IARI PG Outreach Institutes. On the basis of

application/undertaking/proforma submitted by the students, forwarded by the concerned Professors and duly verified by the PGS-II Section, the Standing Committee made the following recommendations.

415.4.12 As per P.G. School Calendar para 15.3.3 and 15.3.5, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. The payment of Scholarship/Fellowship shall be reviewed at the end of 2nd Semester and only those students will be permitted to continue getting fellowship who maintain the OGPA of 6.50 out of 10.00 at the end of 2nd Semester (*Commencement of the Academic Year 2020-21 is 28.12.2020*).

415.4.13 167 students enrolled at IARI, New Delhi/IARI Assam/IARI Jharkhand/IAB Ranchi/NIASM Baramati/NIBSM Raipur who are eligible for ICAR-PG Scholarship@ Rs.12640/- per month + Rs. 6,000/- will get their Fellowship from ICAR.

S. NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE ENROL	INSTITUTE
1	Soumyajit Ghoshal	21381	Agricultural Chemicals	28/12/2020	IARI, NEW DELHI
2	Stanishkar T S	21391	Agricultural Economics	28/12/2020	-do-
3	Sunil Naik	21390	-do-	28/12/2020	-do-
4	Ragini P Jambagi	21389	-do-	28/12/2020	-do-
5	Pavithra	21388	-do-	28/12/2020	-do-
6	Likhitha.S	21387	-do-	28/12/2020	-do-
7	Santosh Kumar Ray	21403	Agricultural Engineering	28/12/2020	-do-
8	Resham Chawla	21402	-do-	28/12/2020	-do-
9	Gauri Umeshrao Bhagole	21401	-do-	28/12/2020	-do-
10	Akshay Kumar	21400	-do-	28/12/2020	-do-
11	Pooja Sakthi Rama S	21399	-do-	28/12/2020	-do-
12	Kupendra Babu R	21396	-do-	28/12/2020	-do-
13	Karishma Kumari	21394	-do-	28/12/2020	-do-
14	Juhi Ranjan	21392	-do-	28/12/2020	-do-
15	Shreekant	21410	Agricultural Extension	28/12/2020	-do-
16	Ananda K R	21408	-do-	28/12/2020	-do-
17	Ankit Pal	21407	-do-	28/12/2020	-do-
18	Bhaskar Ghosh	21406	-do-	28/12/2020	-do-
19	Alok Dube	21405	-do-	28/12/2020	-do-
20	Veesam Haripriya	21404	-do-	28/12/2020	-do-
21	Sudipta Basu	21411	Agricultural Physics	28/12/2020	-do-
22	Pathi Devendra Kumar	21423	Agricultural Statistics	28/12/2020	-do-
23	Anita Sarkar	21421	-do-	28/12/2020	-do-
24	Ankit Kumar Singh	21417	-do-	28/12/2020	-do-
25	Bappa Saha	21416	-do-	28/12/2020	-do-
26	Manjunatha M A	21429	Agronomy	28/12/2020	-do-
27	Pranab Ranjan Sahu	21428	-do-	28/12/2020	-do-
28	Tarun Sharma	21427	-do-	28/12/2020	-do-
29	Rakesh Prajapati	21426	-do-	28/12/2020	-do-
30	Ayan Sarkar	21425	-do-	28/12/2020	-do-

31	Vipin Kumar	21424	-do-	28/12/2020	-do-
32	Harish Dhal	21433	Biochemistry	28/12/2020	-do-
33	Durga Lakshmi	21432	-do-	28/12/2020	-do-
34	Pradyumn Dasharath Ghatate	21431	-do-	28/12/2020	-do-
35	Tejveer Singh	21430	-do-	28/12/2020	-do-
36	Soutrik Mukherjee	21438	Bioinformatics	28/12/2020	-do-
37	Sauvik Chatterjee	21444	Computer Application	28/12/2020	-do-
38	Jarpla Mounika	21454	Entomology	28/12/2020	-do-
39	Reshma R	21453	-do-	28/12/2020	-do-
40	Chandana G B	21452	-do-	28/12/2020	-do-
41	Vavilapalli Rajesh	21451	-do-	28/12/2020	-do-
42	Neelakanta Raja Rushi	21450	-do-	28/12/2020	-do-
43	Karthik Reddy M	21449	-do-	28/12/2020	-do-
44	Thesnim P	21448	-do-	28/12/2020	-do-
45	Bharath M N	21459	Environmental Sciences	28/12/2020	-do-
46	Azhar Mehmood	21455	-do-	28/12/2020	-do-
47	Naveen Kumar Myadam	21466	Floriculture and Landscape Architecture	28/12/2020	-do-
48	Vamsi Yarra	21465	-do-	28/12/2020	-do-
49	Eram Arzoo	21464	-do-	28/12/2020	-do-
50	Khushboo Farooq	21463	-do-	28/12/2020	-do-
51	Nivya K R	21462	-do-	28/12/2020	-do-
52	Akshay	21472	Fruit Science	05/01/2021	-do-
53	Vasudev.N	21471	-do-	28/12/2020	-do-
54	Gulshan Kumar	21470	-do-	28/12/2020	-do-
55	Vittal Hatkari	21469	-do-	28/12/2020	-do-
56	Amina Shukoor	21468	-do-	28/12/2020	-do-
57	Kalieswari K	21467	-do-	28/12/2020	-do-
58	Abhirup Mazumder	21480	Genetics and Plant Breeding	28/12/2020	-do-
59	Ankit Dawar	21479	-do-	28/12/2020	-do-
60	Lovely Arya	21478	-do-	28/12/2020	-do-
61	Mayank Kumar Sinha	21477	-do-	28/12/2020	-do-
62	Amiruddinali Husensab Bijjur	21476	-do-	28/12/2020	-do-
63	Premakumar	21475	-do-	28/12/2020	-do-
64	Swarnadip Ghosh	21474	-do-	28/12/2020	-do-
65	Vadla Chandrika	21473	-do-	28/12/2020	-do-
66	Brunda B N	21487	Microbiology	28/12/2020	-do-
67	Koj Haniya	21486	-do-	28/12/2020	-do-
68	Manoj S H	21484	-do-	28/12/2020	-do-
69	Roopam Kumawat	21483	-do-	28/12/2020	-do-
70	Haritha G	21482	-do-	28/12/2020	-do-
71	Yaadesh S	21481	-do-	28/12/2020	-do-
72	Ramesh R	21495	Molecular Biology and Biotechnology	28/12/2020	-do-
73	Nuzat Banu	21494	-do-	28/12/2020	-do-
74	Manish Dev Pratap	21493	-do-	28/12/2020	-do-

75	Yogesh Kumar S	21492	-do-	28/12/2020	-do-
76	Pyla Bhuvaneswari	21491	-do-	28/12/2020	-do-
77	Rishika K S	21490	-do-	28/12/2020	-do-
78	Adil Rahim Magray	21489	-do-	28/12/2020	-do-
79	Sagnik Chanda	21488	-do-	28/12/2020	-do-
80	Naveenkumar K R	21499	Nematology	28/12/2020	-do-
81	Amulya K N	21498	-do-	28/12/2020	-do-
82	Aabid Hussain Sheikh	21497	-do-	28/12/2020	-do-
83	Monika	21496	-do-	28/12/2020	-do-
84	Latief Bashir	21501	Plant Genetic Resources	28/12/2020	-do-
85	Amjada S Khan	21514	Plant Pathology	28/12/2020	-do-
86	Chemy Doker	21513	-do-	28/12/2020	-do-
87	Ram Mohan	21512	-do-	28/12/2020	-do-
88	Dudekula Hamida	21510	-do-	28/12/2020	-do-
89	Nishith Reddy Yaratha	21509	-do-	28/12/2020	-do-
90	Dornadula Venkata Dinesh	21508	-do-	28/12/2020	-do-
91	Velmurugan S	21507	-do-	28/12/2020	-do-
92	Prashant Patidar	21506	-do-	28/12/2020	-do-
93	Pavithra K	21520	Plant Physiology	28/12/2020	-do-
94	Gopal Masanta	21519	-do-	28/12/2020	-do-
95	Purbali Mukherjee	21518	-do-	28/12/2020	-do-
96	Baiarilang Chyne	21517	-do-	28/12/2020	-do-
97	Mouneesh Kumar M	21515	-do-	28/12/2020	-do-
98	Rahul Kumar Thakur	21527	Post Harvest Technology	28/12/2020	-do-
99	Shubhangi Venkatchari Arvelli	21526	-do-	28/12/2020	-do-
100	Abarna S	21525	-do-	28/12/2020	-do-
101	Neethu K	21522	-do-	28/12/2020	-do-
102	Rajan Mahendra	21521	-do-	28/12/2020	-do-
103	Barla Madhu Sudhan	21534	Seed Science and Technology	28/12/2020	-do-
104	Srikant	21533	Seed Science And Technology	28/12/2020	-do-
105	Gaurav	21532	-do-	28/12/2020	-do-
106	Rajan Vishal	21531	-do-	28/12/2020	-do-
107	Poomani S	21530	-do-	28/12/2020	-do-
108	Hariprasad S K	21529	-do-	28/12/2020	-do-
109	Abhik Roy	21528	-do-	28/12/2020	-do-
110	Manindra Barman	21540	Soil Science	28/12/2020	-do-
111	Prince Kumar	21538	-do-	28/12/2020	-do-
112	Bikramjit Mandal	21537	-do-	28/12/2020	-do-
113	Priyanka Patel	21536	-do-	28/12/2020	-do-
114	Ann Theresa Jose	21535	-do-	28/12/2020	-do-
115	Shreyas Aradhya C S	21545	Vegetable Science	28/12/2020	-do-
116	Ganesh H K	21544	-do-	28/12/2020	-do-
117	Manjunath K S	21543	-do-	28/12/2020	-do-
118	Neha Kumari Mandal	21542	-do-	28/12/2020	-do-
119	Mallikarjun Basayya Hiremath	21541	-do-	28/12/2020	-do-

120	Bhawna Verma	21546	Water Science and Technology	28/12/2020	-do-
121	M E Krishna Babu	50063	Agronomy	28/12/2020	IARI, ASSAM
122	Mrinal Sen	50062	-do-	28/12/2020	-do-
123	V Om Subham Raju	50061	-do-	28/12/2020	-do-
124	Meda.Alekya	50066	Genetics and Plant Breeding	28/12/2020	-do-
125	Deepak M P	50065	-do-	28/12/2020	-do-
126	Haragopal Dutta	50064	-do-	28/12/2020	-do-
127	Goutam Parida	50069	Soil Science	28/12/2020	-do-
128	Saloni Tripathy	50068	-do-	28/12/2020	-do-
129	Mayurakshi Chanda	50067	-do-	28/12/2020	-do-
130	Poornima H P	50072	Vegetable Science	28/12/2020	-do-
131	Mallikarjuna K N	50071	-do-	28/12/2020	-do-
132	Sikha Manoharan	50070	-do-	28/12/2020	-do-
133	Thogata Nagaraju	60064	Agricultural Extension	28/12/2020	IARI, JHARKHAND
134	Rajat Kumar Nath	60062	-do-	28/12/2020	-do-
135	Abhijit Mandal	60066	Agronomy	28/12/2020	-do-
136	Soumyadarshi Muduli	60065	-do-	28/12/2020	-do-
137	Rayudu Sai Padmini	60068	Entomology	28/12/2020	-do-
138	Pooja Kumari	60067	-do-	28/12/2020	-do-
139	Amar Ba	60073	Fruit Science	28/12/2020	-do-
140	Vasanth Vinayak Vara Prasad N	60072	-do-	28/12/2020	-do-
141	Abeer Ali	60071	-do-	28/12/2020	-do-
142	Shweta Pandhari Sathawane	60079	Genetics and Plant Breeding	28/12/2020	-do-
143	Abhijeet Mudhale	60078	-do-	28/12/2020	-do-
144	Suraj Mishra	60077	-do-	28/12/2020	-do-
145	Abhishek E	60076	-do-	28/12/2020	-do-
146	Shivaraj Ramapur	60075	-do-	28/12/2020	-do-
147	Vinodh Kumar P N	60074	-do-	28/12/2020	-do-
148	Saniya T K	60081	Microbiology	28/12/2020	-do-
149	S Syam	60080	-do-	28/12/2020	-do-
150	Chandu Anagani	60083	Plant Pathology	28/12/2020	-do-
151	Komal	60082	-do-	28/12/2020	-do-
152	Abshiba	60088	Soil Science	28/12/2020	-do-
153	Deepasree A	60087	-do-	28/12/2020	-do-
154	Adarsha Divyadarshan	60086	-do-	28/12/2020	-do-
155	Aravindh Chinnaiyan	60092	Vegetable Science	28/12/2020	-do-
156	Rachana K S	60091	-do-	28/12/2020	-do-
157	Manoj B P	60090	-do-	28/12/2020	-do-
158	Dharmendra Kumar	70002	Agricultural Engineering	28/12/2020	NIASM, BARAMATI
159	Poulomi Debnath	80002	Agronomy	28/12/2020	NIBSM, RAIPUR
160	Rohan Dalal	80001	-do-	28/12/2020	-do-
161	Priyanshu Pawar	80004	Entomology	28/12/2020	-do-
162	Pravin Panda	80003	-do-	28/12/2020	-do-
163	Deepankar Tiwari	80005	Genetics and Plant Breeding	28/12/2020	-do-

164	Swagata Thakur	80009	Plant Pathology	28/12/2020	-do-
165	Bellary Nunna Hari Vijaya Teja	90004	Genetics and Plant Breeding	28/12/2020	IIAB, RANCHI
166	Shubham Sachan	90003	-do-	28/12/2020	-do-
167	Mahak Anwar	90002	-do-	28/12/2020	-do-

415.4.14 Award of Institute's Jr. Scholarship @ Rs.7,560/- per month + Rs.6,000/- contingent grant per Annum to 57 candidates admitted at IARI, New Delhi including the students who have been placed under outreach programme at IARI Assam/ IARI Jharkhand/ NIASM Baramati/ NIBSM Raipur/ IIAB Ranchi.

LIST OF STUDENTS ENROLLED AT IARI NEW DELHI/IARI ASSAM/IARI JHARKHAND/IIAB RANCHI/NIASM BARAMATI/NIBSM RAIPUR IN M.SC. PROGRAMME IN THE ACADEMIC YEAR 2020-2021 ELIGIBLE FOR INSTITUTE SCHOLARSHIP @ Rs. 7560/- P.M. WITH CONTINGENCY @ Rs. 6000/-P.A.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE_ENROL
1.	Joydeep Karan	21382	Agricultural Chemicals	28/12/2020
2.	Dharini A K	21383	-do-	28/12/2020
3.	Brendon Lalchawimawia	21384	-do-	28/12/2020
4.	JeetramChoudhary	21385	-do-	28/12/2020
5.	Atanu Sarkar	21386	-do-	28/12/2020
6.	Yashaswini S.N	21393	Agricultural Engineering	28/12/2020
7.	RohitAnand	21395	-do-	28/12/2020
8.	ShailendraToppo	21397	-do-	28/12/2020
9.	Uday Kiran M	21398	-do-	28/12/2020
10.	Shaibal Biswas	21409	Agricultural Extension	28/12/2020
11.	BhavyaTr	21412	Agricultural Physics	28/12/2020
12.	AbhilashaKumari	21413	-do-	28/12/2020
13.	Debjyoti Ray	21414	-do-	28/12/2020
14.	Deepti Joshi	21415	-do-	28/12/2020
15.	Unnita Chakraborty	21434	Biochemistry	28/12/2020
16.	Apoorva M S	21456	Environmental Sciences	28/12/2020
17.	Anushka Anil	21457	-do-	28/12/2020
18.	Yadaraboyana Sandeep Kumar	21458	-do-	28/12/2020
19.	Rishabh Srivastava	21460	-do-	28/12/2020
20.	Gulshan	21461	-do-	28/12/2020
21.	Jahid Hassan	21485	Microbiology	28/12/2020
22.	Anamika	21500	Nematology	28/12/2020
23.	Thendral U S	21502	Plant Genetic Resources	28/12/2020
24.	RinkyResma Panda	21503	-do-	28/12/2020
25.	Shashank H G	21504	-do-	28/12/2020
26.	Sridhar A	21505	-do-	28/12/2020
27.	AartiSharadchandraGauns	21511	Plant Pathology	28/12/2020
28.	Dineshkumar G	21516	Plant Physiology	28/12/2020
29.	Rohith R Hegde	21551	-do-	28/12/2020
30.	PrasoonGunjan	21523	Post Harvest Technology	28/12/2020
31.	Brijesh Kumar Yadav	21561	-do-	19/02/2021
32.	Ankiredypalli Jaya Kishore Kumar Reddy	21539	Soil Science	28/12/2020
33.	Dheeraj	21553	Vegetable Science	28/12/2020
34.	SumitJangra	21547	Water Science And Technology	28/12/2020
35.	Arul Selvam K A	21548	-do-	28/12/2020

36.	Chinnali Das	50073	Agronomy	28/12/2020
37.	Abhishek Paul	60061	Agricultural Engineering	28/12/2020
38.	SayakSaha	60063	Agricultural Extension	28/12/2020
39.	Surendhar P	60069	Environmental Sciences	28/12/2020
40.	Ankit Kumar Verma	60070	-do-	28/12/2020
41.	PriyabrataSahu	60084	Seed Science And Technology	28/12/2020
42.	BhavaniKumari	60085	-do-	28/12/2020
43.	SaikatBera	60089	Soil Science	28/12/2020
44.	RajarshiSanyal	90001	Biochemistry	28/12/2020
45.	Yashaswini J	90005	Genetics And Plant Breeding	28/12/2020
46.	SampatiraoDilip	90006	Molecular Biology And Biotechnology	28/12/2020
47.	MalempatiSriharsha	90007	-do-	28/12/2020
48.	Olivia Nianglunhoih	90008	-do-	28/12/2020
49.	PragatiSudhakarGajbhar	90009	-do-	28/12/2020
50.	GoutamGuruprasad Jena	70001	Agricultural Engineering	28/12/2020
51.	Siddesh	70003	Environmental Sciences	28/12/2020
52.	Sadashiva G N	70004	-do-	28/12/2020
53.	Tamilselvan A	70006	Plant Physiology	28/12/2020
54.	Sagar P	70007	Plant Physiology	28/12/2020
55.	Merugu Shashank Goud	80006	Microbiology	19/02/2021
56.	AnikBasak	80007	Molecular Biology And Biotechnology	28/12/2020
57.	LerissaSweetyDsilva	80008	-do-	28/12/2020

415.4.15 Award of Contingent grant only @ Rs.6,000/- per annum to the following two (IARI) Departmental Technical Candidates working at the same station.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Mukesh Kumar Yadav	21549	Agronomy	03/01/2021
2.	Ram BharosMeena	21552	Soil Science	05/01/2021

415.4.16 Award of Institute's Jr. Scholarship @ Rs.7,560/- per month + Rs.6,000/- contingent grant per Annum to Following 13 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Institute Jr. Scholarship from IASRI, New Delhi.

S.NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROL.
1.	Ghanshyam Patidar	21418	Agricultural Statistics	28/12/2020
2.	Gunjan	21419	-do-	28/12/2020
3.	Rabsanjani Pramanik	21420	-do-	28/12/2020
4.	Santosh Shivaling Chougala	21422	-do-	28/12/2020
5.	Chandini B C	21436	Bioinformatics	28/12/2020
6.	Madhusudhan Cm	21556	-do-	19/02/2021
7.	Kabilan S	21557	-do-	19/02/2021
8.	Vanaja V	21441	Computer Application	28/12/2020
9.	Pavana B	21442	-do-	28/12/2020
10.	Vivek Dinkar Jadhao	21443	-do-	28/12/2020
11.	Sakshi Rawat	21558	-do-	18/02/2021
12.	Akash	21559	-do-	19/02/2021
13.	Tanvi Kumari	21560	-do-	19/02/2021

Agenda Item No. 415.5.: Consideration of observation of National Agricultural Education Accreditation Board (NAEAB) of ICAR on granting accreditation to IARI, New Delhi

The Academic Council was apprised that based on the LoI, IEA, Statement of Compliance and Self Study Report submitted by the University and subsequent report of Peer Review Team, the National Agricultural Education Accreditation Board of ICAR in its XXVII meeting held on 24 February, 2021 approved accreditation of ICAR- Indian Agricultural Research Institute for a period of five years i.e. from 16.03.2020 to 15.03.2025. The University has received overall score of **3.43** equivalent to Grade 'A'.

Accreditation has been granted with the following conditions:-

1. The University is required to address the observations of the Board in a time bound manner. As per Board decision, a Mid-term review will be conducted.
2. Board further decided that student intake in the programme and strength of Faculty/technical/supporting staff as listed in Self Study Reports and undertaking given by Registrar during Peer Review, if any, must be maintained by the University/College/Programme throughout the accreditation period.
3. University should annually upload intake of students in all accredited programmes and faculty positions on its website and convey the copy of same to NAEAB before starting of admissions.

The following Degree Programmes were **not approved** as these are not listed in BSMA (ICAR), which is pre-requisite qualification for accreditation:-

- | | | |
|---|---|----------------------------|
| • Environmental Sciences | - | M.Sc. (Ag.) |
| | - | Ph.D. |
| • Post Harvest Technology | - | M.Sc. (Ag.) PHT Hort. Crop |
| • (PHT; Horticultural Crops; Post Harvest Engineering and Technology) | - | M.Tech. PHT |
| | - | Ph.D. in PHT Hort Crop |
| | - | Ph.D. in PH-Eng. Tech |
| • Water Science and Technology | - | M.Sc. (Ag.) |
| | - | Ph.D. |

Agenda Item No. 415.6: Considerations of degree nomenclature of M.Sc. and Ph.D. of PHT discipline.

The Academic Council discussed the recommendation of the committee constituted under the Chairmanship of Head, Agricultural Engineering and approved the (i) proposed degree nomenclature of M.Sc. Agriculture (Postharvest Technology) and Ph.D. (Postharvest Technology) changed as M.Sc. (Horticulture) Postharvest Management and Ph.D. (Horticulture) Postharvest Management and, (ii) discontinuation of M.Tech. and Ph.D. degree in Postharvest Engineering & Technology.

Agenda Item No. 415.7 Consideration of the proceedings of the meeting of the Standing Committee on Course Curricula and Academic Affairs held on 17.07.2021 to discuss three non-accredited programmes

The Academic Council discussed the recommendation of the Standing Committee on three non-accredited programmes in detail and approved the (i) merger of sub-discipline 'Postharvest Technology of Horticultural Crops' with the sub-discipline of Postharvest Management' under the

discipline of Horticultural Science, and (ii) discontinuation of sub-discipline 'Postharvest Engineering & Technology'.

Academic Council was of the opinion that a request could be sent to the Council for retaining the ongoing degree programmes in the discipline of Water Science and Technology and Environmental Sciences.

Agenda Item No. 415.8: Consideration of the recommendations of the Committee constituted for revision of guidelines of existing institute awards and framing guidelines for new awards

415.8.1 The Academic Council after detailed deliberation approved the recommendations of the Committee constituted under the Chairmanship of Dean and Joint Director(Edn.) on the Guidelines, Proforma and allocation of marks for the following three new awards **(Appendix-I)**.

1. Best Woman Scientist Award
2. Dr. H.K. Jain Memorial Young Scientist Award
3. NABARD Young Scientist Award

The Academic Council also decided that (i) three years cooling period for a previous awardee(IARI awards) to apply for any other IARI award, and (ii) an applicant can be eligible to apply for only one award of IARI announced for that particular year.

415.8.2: The Academic Council discussed the recommendation of the Committee on the proposal of NABARD for Institution of **NABARD Gold Medal Award** at IARI, New Delhi. The Academic Council decided that the IARI Best Student of the year awardee in M.Sc. and Ph.D. will also be given NABARD Gold Medal award with a cash prize of Rs.25000 to each. The Academic Council also opined that the said Medals may be named as Prof. V.L. Chopra-NABARD Gold Medal, subject to approval from NABARD.

415.8.3 On the issue of revision of guidelines for the existing awards of IARI, the Academic Council decided that the changes may suitably be incorporated on the line of the above three new awards.

Agenda Item No. 415.9: Finalization of number of seats for admission to M.Sc./M.Tech. and Ph.D. degree programmes at IARI, New Delhi and at PG outreach institutions for the Academic Session 2021-22

The Academic Council finalised the number of seats for M.Sc./M.Tech. and Ph.D. programmes in various disciplines at IARI and PG outreach Institutions for the Academic Session 2021-22.

M.Sc./M.Tech. and Ph.D. Programme: The seat requirement will be sent to the Education Division of ICAR as they conduct the All India Entrance Examination 2021 for admission of 100% seats at ICAR-DUs.

Discipline and category wise Seat positions for M.Sc./M.Tech. Programmes at IARI, New Delhi, IARI-Assam and IARI-Jharkhand, NIASM, Baramati, NIBSM, Raipur and IIAB, Ranchi.

IARI, NEW DELHI**A - IARI, NEW DELHI**

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL CHEMICALS	3	0	2	1	0	1	6
2.	AGRICULTURAL ECONOMICS	3	0	2	0	1	0	6
3.	AGRICULTURAL ENGG. (Processing & Food Engineering)	1	1	1	1	0	0	4
4.	AGRICULTURAL ENGG. (Farm Machinery & Power Engineering)	1	1	1	1	1	0	5
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	0	2	1	0	1	5
6.	AGRICULTURAL EXTENSION	2	1	2	1	0	1	6
7.	AGRICULTURAL PHYSICS	2	1	1	0	1	0	5
8.	AGRICULTURAL STATISTICS	3	1	2	2	0	1	8
9.	AGRONOMY	3	1	2	1	1	0	8
10.	BIOCHEMISTRY	2	1	1	1	1	0	6
11.	BIOINFORMATICS	2	1	2	1	0	0	6
12.	COMPUTER APPLICATION	2	0	2	2	1	1	7
13.	ENTOMOLOGY	3	1	2	1	1	1	8
14.	ENVIRONMENTAL SCIENCES	4	0	2	1	0	0	7
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	3	0	2	1	1	1	7
16.	FRUIT SCIENCE	2	0	2	1	1	0	6
17.	GENETICS AND PLANT BREEDING	3	1	2	1	1	0	8
18.	MICROBIOLOGY	3	1	2	1	0	0	7
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	1	3	1	0	0	9
20.	NEMATOLOGY	2	1	1	1	0	0	5
21.	PLANT GENETIC RESOURCES	3	1	1	1	1	0	7
22.	PLANT PATHOLOGY	3	1	2	1	0	1	7
23.	PLANT PHYSIOLOGY	3	0	2	1	1	0	7
24.	POST HARVEST TECH. (PHT of Horticultural Crops)/PHT MANAGEMENT	2	0	2	0	0	0	4
25.	POST HARVEST TECH. (PostHarvest Engineering & Technology)	1	0	0	0	0	0	1
26.	SEED SCIENCE AND TECHNOLOGY	2	1	1	1	0	0	5
27.	SOIL SCIENCE	3	1	2	1	0	1	7
28.	VEGETABLE SCIENCE	3	0	2	2	1	0	8
29.	WATER SCIENCE AND TECHNOLOGY	2	1	1	0	1	0	5
	Total-A	72	18	49	27	14	9	180

B – IARI-ASSAM (M.Sc. 2021-22)

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRONOMY	1	1	1	1	0	0	4
2.	GENETICS AND PLANT BREEDING	1	0	1	0	1	1	3
3.	SOIL SCIENCE	1	0	0	1	0	0	2
4.	VEGETABLE SCIENCE	2	0	1	0	0	0	3
	Total-B	5	1	3	2	1	1	12

C – IARI-JHARKHAND (M.Sc./M.Tech. 2021-22)

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	1	0	0	0	0	0	1
2.	AGRICULTURAL EXTENSION	1	0	1	0	0	0	2
3.	AGRONOMY	1	1	1	0	1	0	4
4.	ENTOMOLOGY	1	0	0	1	0	0	2
5.	ENVIRONMENTAL SCIENCES	1	0	1	0	1	0	3
6.	FRUIT SCIENCE	1	0	1	0	0	1	2
7.	GENETICS AND PLANT BREEDING	1	0	1	1	0	0	3
8.	MICROBIOLOGY	1	1	0	0	0	0	2
9.	PLANT PATHOLOGY	1	0	1	1	0	0	3
10.	SEED SCIENCE AND TECHNOLOGY	1	0	1	0	0	0	2
11.	SOIL SCIENCE	1	0	1	0	0	0	2
12.	VEGETABLE SCIENCE	1	1	0	1	0	0	3
	Total-C	12	3	8	4	2	1	29
	Grand Total=A+B+C	89	22	60	33	17	11	221

D – NIASM, BARAMATI (M.Sc./M.Tech. 2021-22)

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	1	1	1	0	0	0	3
2.	ENVIRONMENTAL SCIENCES	1	0	1	1	0	0	3
3.	PLANT PHYSIOLOGY	1	0	1	1	1	1	4
	Total-D	3	1	3	2	1	1	10

E – NIBSM, RAIPUR (M.Sc. 2021-22)

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRONOMY	1	0	0	1	0	0	2
2.	ENTOMOLOGY	1	1	1	0	1	0	4
3.	GENETICS AND PLANT BREEDING	1	0	1	0	0	0	2
4.	MICROBIOLOGY	1	0	1	0	0	0	2
5.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	2	1	0	1	0	1	4
6.	PLANT PATHOLOGY	1	0	1	0	0	0	2
	Total-E	7	2	4	2	1	1	16

F – IIAB, RANCHI (M.Sc. 2021-22)

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	BIOCHEMISTRY	0	0	0	0	0	0	0
2.	GENETICS AND PLANT BREEDING	1	0	1	1	1	1	4
3.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	2	1	2	1	0	0	6
	Total-F	3	1	3	2	1	1	10

Discipline and category wise Seat positions for Ph.D. Programmes at IARI, New Delhi, IARI PG outreach programme at CIAE and IIHR.

A - IARI, NEW DELHI

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL CHEMICALS	4	1	3	1	0	0	9
2.	AGRICULTURAL ECONOMICS	3	1	2	1	1	0	8
3.	AGRICULTURAL ENGG. (Processing & Food Engg.)	2	1	0	2	0	0	5
4.	AGRICULTURAL ENGG. (Farm Machinery & Power Engg)	3	0	2	1	1	1	7
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engg.)	2	0	2	1	0	0	5
6.	AGRICULTURAL EXTENSION	4	1	3	2	0	1	10
7.	AGRICULTURAL PHYSICS	2	1	2	1	0	0	6
8.	AGRICULTURAL STATISTICS	3	1	3	1	1	1	9
9.	AGRONOMY	5	2	3	2	1	1	13
10.	BIOCHEMISTRY	4	1	2	1	1	0	9
11.	BIOINFORMATICS	2	0	2	1	1	0	6
12.	COMPUTER APPLICATION	3	1	2	1	1	1	8
13.	ENTOMOLOGY	4	1	3	1	1	1	10
14.	ENVIRONMENTAL SCIENCES	2	1	2	1	1	0	7
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	1	2	1	1	0	7
16.	FRUIT SCIENCE	4	1	3	2	0	0	10
17.	GENETICS AND PLANT BREEDING	7	1	4	3	1	1	16
18.	MICROBIOLOGY	4	1	2	1	1	1	9
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	5	1	3	2	1	1	12
20.	NEMATOLOGY	3	1	2	1	0	0	7
21.	PLANT GENETIC RESOURCES	4	0	2	1	1	0	8
22.	PLANT PATHOLOGY	6	1	4	2	1	1	14
23.	PLANT PHYSIOLOGY	3	1	2	1	0	0	7
24.	POSTHARVEST TECH. (PHT of Horticultural Crops)/POSTHARVEST MANAGEMENT	2	1	2	0	1	0	6
25.	SEED SCIENCE AND TECHNOLOGY	4	1	3	2	1	1	11
26.	SOIL SCIENCE	6	1	4	2	1	1	14
27.	VEGETABLE SCIENCE	5	1	3	2	1	1	12
28.	WATER SCIENCE AND TECHNOLOGY	2	1	1	1	0	0	5
	Total-A	100	25	68	38	19	13	250

B – CIAE, BHOPAL

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL ENGG. (Processing & Food Engg.)	1	0	0	1	0	0	2
2.	AGRICULTURAL ENGG. (Farm Machinery & Power Engg.)	1	0	2	0	1	0	4
3.	AGRICULTURAL ENGG. (Soil & Water Conservation Engg.)	1	1	1	1	0	1	4
	Total-B	3	1	3	2	1	1	10

C – IIHR, BENGALURU

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	1	1	1	1	0	0	4
2.	FRUIT SCIENCE	1	1	1	0	1	0	4
3.	POST HARVEST TECH. (PHT of Horticultural Crops)/POSTHARVEST MANAGEMENT	2	0	1	1	0	1	4
4.	VEGETABLE SCIENCE	3	0	1	0	0	0	4
	Total-C	7	2	4	2	1	1	16
	Grand Total= A+B+C	110	28	75	42	21	15	276

In addition to the seats finalized for open stream, seats for admission to M.Sc./M.Tech. & Ph.D. programmes under Different Schemes are detailed below:

Faculty Up-gradation Scheme	-	10 seats for Ph.D.
ICAR-In-Service Nominee Scheme	-	10 seats for Ph.D.
Departmental (Scientific)	-	10 seats for Ph.D.
Departmental (Technical)	-	10 seats (5 seats each for M.Sc./M.Tech.& Ph.D.)
Foreign Students	-	30 seats for M.Sc./M.Tech.& Ph.D.
J & K migrants	-	10 seats (5 seats each for M.Sc./M.Tech. & Ph.D.)
Children/widows of Security Forces	-	5 seats for M.Sc./M.Tech. & Ph.D.

Agenda Item No.415.10: Any other item with the permission of the Chair

415.10.1 As envisaged in the NEP 2020, the Academic Council decided to initiate Diploma and PG Diploma Courses at IARI, in some of the areas like (i) Organic Farming; (ii) Good Agriculture Practices for Basmati rice cultivation, etc. The Academic Council authorized the Chairman to constitute a committee to come up with suitable suggestion/recommendation.

415.10.2 In the existing procedure of the selection of Professors for different teaching disciplines, the Academic Council revised the assessment criteria of 80 % weightage to achievements in teaching, research & extension and 20 % weightage to interview to 70% and 30 %, respectively. The existing five year tenure shall remain unchanged.

The meeting ended with the vote of thanks to the Chair.


(Pushendra Kumar)
Member-Secretary


(A.K. Singh)
Chairperson


(Rashmi Aggarwal)
Vice Chairperson

Guidelines governing “Best Woman Scientist Award”

1. Name of the Award

The name of the award shall be ‘Best Woman Scientist Award’ for outstanding agricultural scientist in the field of Agricultural Sciences covering all the disciplines

2. Sources of Funds

Rs. 15,00,000/- Revenue receipt head of IARI for the year 2020-21 (code No.501/114199)

3. Nature of the Award

The award will carry a sum of Rs. 50,000 (Fifty thousand rupees only) and a Certificate for the outstanding contributions in any of the branches of Agricultural Sciences.

4. Objective of the Award

To motivate the Agricultural Women Scientists/Faculty from the NARES by recognizing their outstanding contributions in agricultural research, education and extension in India; leadership role in Institution building.

The award shall be given for fundamental or applied research leading to results of practical value with original contributions in research, education and extension.

5. Periodicity of the Award

The periodicity of the award shall be biennium, commencing from the year 2021-22.

6. Eligibility for the Award

Applicant should be an active Scientist, age limit 62 years and should have outstanding contributions to agricultural research, education and extension in any field of agricultural sciences while working in India.

7. Administration of the Award

The right to designate the general fields of endeavor in which the award shall be made will lie with IARI.

The Institute shall have the sole right of selection of recipients of the award and of the formulation of Rules and Eligibility governing such selection from time to time.

8. Screening Committee

The Dean & Joint Director (Edn.) will constitute a Screening Committee consisting of 5 (five) members concerning the major areas in the respective year for scrutinizing and scoring the applications. The quorum of the Screening Committee for finalizing the recommendation shall be at least 4 members including Chair & Member-Secretary.

9. Judging Committee

There will be a Judging Committee consisting of at least 5 (five) members. The Chairperson of the Academic Council will nominate the Chairperson for the Judging Committee and its members relevant to the subject area in the respective year. Dean and Joint Director (Edn.), IARI will be the Member-Secretary of the Committee. The quorum of the Judging Committee for finalizing the recommendation shall be at least 4 members including Chairperson & Member- Secretary.

If any member of the Judging Committee himself/herself is to be considered for the award, he/she shall cease to be a member of the committee and replaced by a Scientist/member nominated by the Chairperson, Academic Council in his/her place.

The Judging Committee shall recommend the name of the recipient for the award in accordance with procedure laid down here in after for approval of the Director, IARI.

The Award shall be withheld by the Judging Committee if in their opinion no sufficiently meritorious candidate is forthcoming in that year.

The award shall be given to only one person at one time and will not be shared.

10. Procedure for selection of recipient

Applications are invited from the women scientists from all branches of Agricultural Sciences for the above award duly forwarded through concerned authorities. Duly filled application as per the prescribed format accompanied with detailed statement of the work and attainments of the candidate along with supporting documents should be submitted on or before the prescribed date.

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 75% marks as per score card.

Only after the acceptance of the Recommendations of the Judging Committee by the Academic Council, the award shall be announced.

11. Presentation of the Award

The award shall be conferred during the Convocation of the Institute.

The expenditure relating to the arrangements for the Award and the TA/DA to be paid to the Awardee will be as per the ICAR rules and be met out from the interest accrued from the deposit.

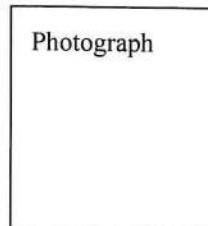
Note: Three years cooling period for a previous awardee(IARI awards) is essential to apply for any other IARI award. An applicant is eligible to apply for only one award of IARI announced for that particular year.



**Post Graduate School
Indian Agricultural Research Institute
New Delhi**



Proforma for 'Best Women Scientist Award'



Name of the Institute Forwarding application: _____

Field/Discipline: _____

1. Name of the Candidate: _____
(First) (Middle) (Surname)

2. Designation:

3. Address:

4. Contacts: **Office:**
Tel.: _____ Fax: _____
E-mail: _____
Res.:
Tel.: _____ Fax: _____
E-mail: _____

5. Date of birth: _____
(Please provide the proof) (Day) (Month) (Year)

6. (a) Academic qualifications

Degree/Diploma	Year	Major field	University/ Institution	Division/OGPA Distinction
Graduation				
Masters				
Ph.D.				
Any other degree/diploma				
Post-Doctoral Experience				

(b) Training in India and/or abroad (In the area relevant to the award)

Training title	Institution/Country	Sponsored by	Duration	Subject

7. Employment record

Designation	Pay scale	Nature of work	Institute (Organization)	Period

	(Rs.)			(From - To)

8. Achievements

(a) Most significant achievements in Research and extension

Sl.	Item*	Details of significant achievements including social impact/adaptation*	Developer/ Co-developer
1.	Product/Patent/ Variety/Prototype developed		
2.	New Concept / Methodology/ Process/ Model developed		
3.	Copyright/software/database/trademark/ app		
4.	Patents granted with details of Patent No.		

*Documentary evidence should be enclosed for the above claims

(b) Teaching achievements

S.No.	Item	Detail	Year
1.	Courses taught and number of classes taken in each course		
2.	M.Sc./M.Tech./Ph.D. Students Guided as Chairperson		
3.	Development of e-course/training module/New Course introduced or Course(s) revised		
4.	Success of students in academics (in terms of their recognition for Awards)		
5.	Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director		

Documentary evidence should be provided

(c) Please state the most significant achievements (Not more than 300 words)

9. (a) List 30 most important & highest NAAS rated publications in chronological order made in the major discipline (attach first page of all these reprints)

S.No.	Names	Year of	Title	Journal,	NAAS	Number of	Indicate if
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	of authors	publication	of paper	Volume, issue & page Nos.	Journal ID and NAAS Score 2021	citations based on ISI Science Citation Index	Corresponding author
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
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27							
28							
29							
30							

9 (b) Other publications:

S. No.	Item	Detail
1	Authored books with ISBN number (min. 200 pages)	
2	Edited books with ISBN number (min. 200 pages)	
3	Policy paper	
4	Scientific review papers in peer reviewed journal	
5	Book chapter	
6	Popular article	

9 (c) Externally funded projects handled as PI

S.No.	Name of the project	Funding agency	Budget	Duration
1				
2				
3				
4				
5				

Documentary evidence should be provided

9 (d) Leadership role in institution building

S. No.	Category	Details
1	Chairperson/member of International/National Level Committees	
2	Member BoM/IMC, RAC, QRT, or equivalent	
3	Administrative positions (Head of the institution/university; Dean/Joint Director/Director (Research); Head of the Division)	
4	Institute level Committees	
5	Creation of new infrastructure/Lab/facility (above 50 Lakhs)	
6	Symposia/seminar/workshop/conference as organizing secretary/convenor	

Documentary evidence should be provided

10. Awards and Recognitions

S. No.	Name of the Award/recognitions	Year	National/ International	Awarding Academy/Institution/ Professional Society/Government agency
1				
2				
3				

Documentary evidence should be provided

11. Please mention if this work has been submitted/ recognized for any other award.

12. Any other information

This is certified that all the information furnished by me is correct to the best of my knowledge and belief.

(Signature of the applicant)

Place:

Date:

Name:

“Certified that the information given by the candidate in this application has been verified and fully authenticated and that there is no disciplinary action or proceedings pending or contemplated against the candidate.

Recommendation of the Head of the Institution

**(Signature)
& Seal**

Enclosures:

1. Application in original, duly forwarded and complete in all respect (2 hard copies and a soft copy)
2. Reprints (first page) of the 30 most important papers listed at Sl. No. 9(a) of application
3. Documentary proof for the claims made in respect of Awards/recognition, technology, product, patent, externally funded projects handled etc.

Allocation of marks (Best Women Scientist Award)

Sl. No.	Criteria	Maximum Marks	Weightage
1	Research achievements: (i) Products/ variety/Technology (ii) New Concept / Methodology/ Process/ Model developed/Novel Omics data (iii) Patents granted (iv) Copyright/software/database/app	25	
2	Teaching achievements	15	
3	Publications	25	
5	External funded projects handled as PI	10	
6	Leadership role in institution building	15	
7	Awards/Recognitions	10	
	Total Marks	100	
			80%
			20%

Research achievements (Maximum 25 Marks):

- (i) Developer of commercialized product or technology/Gazette Notified plant variety (CVRC/SVRC) (5 marks each); Genetic stock registered (1 Mark each); new record of pathogen/pest/microbe/bio-agent along with accession numbers (2 Marks each).
- (ii) New Concept / Methodology/ Process/ Model developed/Novel omics data. All claims in this category should be supported by research publications in peer reviewed journals with citations ≥ 10 (excluding self-citations) (3 Marks each)
- (iii) Copyright/software/database/app (3 marks each)
- (iv) Patents granted with details of Patent No. (5 marks for each patent).

Developer shall be awarded 100% marks, Co-developer shall be awarded 75% marks.

Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 15 Marks):

- (i) Courses taught and number of classes taken in each course (Maximum 5 marks): *Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.*
- (ii) M.Sc. /M.Tech/ Ph.D. Students (Full time) Guided as Chairperson (Maximum 4 marks): *Give thesis titles. 1 marks for each M.Sc./M.Tech. and 2.0 marks for each Ph.D. student guided as Chairperson.*
- (iii) Development of e-course/training module/New Course introduced or Course(s) revised (one mark each; Maximum 2 marks)
- (iv) Success of students in academics (in terms of their recognition for Awards) (Maximum 2 marks): *Institute level Medals, ICAR/ Institutional Awards, etc. (1 mark each).*
- (v) Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (2 marks each).

Publications (Maximum 25 marks)

- (i) For 30 most important publications in the relevant discipline of the applicant: Cumulative NAAS Score $\times 0.033$ (Maximum 20 Marks).
- (ii) First / corresponding author will get full marks in a publication and rest of the authors 75% marks.
- (iii) Other publications (Maximum 5 Marks): Authored book with ISBN number (min. 200 pages): 2 marks each; Edited book with ISBN number (min. 200 pages): 1 mark each ; Policy paper: 1 mark each; 0.5 mark each for scientific review paper in a peer reviewed journal, Book chapter/Popular article: 0.25 Mark each.

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

- (i) Projects costing <10 Lakhs: 1 Marks each
- (ii) Projects costing 10-30 Lakhs: 2 Marks each
- (iii) Projects costing >30 Lakhs: 3 Marks each

Leadership role in institution building (Maximum 15 marks)

- (i) Chairperson/member of International/National Level Committees (Chairperson: 2 marks each; member: 1 mark each)
- (ii) Member BoM/IMC, RAC, QRT, or equivalent (One mark each)
- (iii) Administrative positions (Head of the institution/university: 3 marks for each completed year; Dean/Joint Director/Director (Research): 2 mark for each completed year; Head of the Division: One mark for each completed year)
- (iv) Institute level Committees (Chairperson: 2 marks each; Member: 1 mark each)
- (v) Creation of new infrastructure/Lab/facility (above 50 Lakhs) (2 marks each)
- (vi) Symposia/seminar/workshop/conference as organizing secretary/convenor (National: 1 mark each; International: 2 marks each)

Awards/Recognitions (Maximum 10 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates of the Team Award) (2.5 marks each).
- (ii) Fellowship of National Science Academies (5 marks each).
- (iii) Associateship/Young Scientist awards of National Science Academies (2 Marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)
- (v) National and International level Professional Society and Academy Awards/ Recognition (not covered above) (1 mark each).

Guidelines governing “Dr. H.K. Jain Memorial Young Scientist Award”

1. Name of the Award

The name of the award shall be ‘**Dr. H.K. Jain Memorial Young Scientist Award**’ which is instituted in the field of Agricultural Sciences covering the disciplines related to basic and applied sciences to commemorate the memory of late Dr. H.K. Jain, former Director of Indian Agricultural Research Institute, New Delhi.

2. Donor of the Award

Rs. 15,00,000/- donated by Mrs. Neera Jain, Daughter of late Dr. H.K. Jain.

3. Nature of the Award

The award will carry a sum of Rs. 50,000 (Fifty thousand rupees only) and a Certificate for the outstanding contributions in any of the branches of Agricultural Sciences.

4. Objective of the Award

To motivate the young Agricultural Scientists/ Faculty from the NARES by recognizing their outstanding contributions to agricultural research, education and extension in India.

The award shall be given for either fundamental or applied research including inventions, discoveries, etc. leading to results of practical value with original contributions in research, education and extension pertaining to the concerned discipline covering basic and applied sciences.

5. Periodicity of the Award

The periodicity of the award shall be annual, commencing from the year 2021-22.

6. Eligibility for the Award

Applicant should be an active Scientist/Faculty, age limit 40 years and should have outstanding contributions to agricultural research, education and extension in any field of basic and applied sciences, while working in India.

The award shall be made for notable or original research in both fundamental and applied areas in a particular subject. Claims should be as evidenced by published research papers, patents or any other publications demonstrating outstanding research work, inventions or discoveries, original contributions in upliftment of education and extension activities in the field of Agriculture (Crop sciences)/Horticulture.

However, contributions or achievements of applicants which have received any other Institutional/ National/ International award, shall not be considered for this Award.

7. Administration of the Award

IARI shall retain the right to designate the general fields of endeavor in which the award shall be made.

The Institute shall have the sole right of selection of recipients of the award and of the formulation of Rules and Eligibility governing such selection from time to time.

8. Screening Committee

The Dean & Joint Director (Edn.) will constitute a Screening Committee consisting of 5 (five) members concerning the major areas in the concerning year for scrutinizing and scoring the applications. The quorum of the Screening Committee for finalizing the recommendation shall be at least 4 members including Chair & Member-Secretary.

9. Judging Committee

There will be a Judging Committee consisting of at least 5 (five) members. The Chairperson of the Academic Council will nominate the Chairperson for the Judging Committee and its members concerning the subject

area in the concerned year. Dean and Joint Director (Edn.), IARI will be the Member-Secretary of the Committee. The quorum of the Judging Committee, for finalizing the recommendation shall be at least 4 members including Chairperson & Member-Secretary.

If any member of the Judging Committee himself/ herself is to be considered for the award, he/she shall cease to be a member of the committee and replaced by a Scientist/ member nominated by the Chairperson, Academic Council in his/ her place.

The Judging Committee shall recommend the name of the recipient for the award in accordance with procedure laid down hereinafter for approval of the Director, IARI.

The Award shall be withheld by the Judging Committee if in their opinion no sufficiently meritorious candidate is forthcoming in that year.

The award shall be given to only one person at one time and will not be shared.

10. Procedures for selection of recipient

Applications are invited from scientists in the field of Agriculture (Crop sciences)/Horticulture for the above award duly forwarded through competent authorities. Duly filled applications as per the prescribed format accompanied with detailed statement of the work and attainments of the candidate along with supporting documents should be submitted on or before the prescribed date.

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 75% marks as per score card.

Only after the acceptance of the Recommendations of the Judging Committee by the Academic Council, the award shall be announced.

11. Presentation of the Award

The award shall be conferred during the Convocation of the Institute.

The expenditure related to the arrangements for the Award and the TA/DA to be paid to the Awardee will be as per the ICAR rules and be met out from the interest accrued from the donated seed money.

Note: Three years cooling period for a previous awardee(IARI awards) is essential to apply for any other IARI award. An applicant is eligible to apply for only one award of IARI announced for that particular year.

	(Rs.)			(From - To)

8. Achievements

(a) Most significant achievements in Research and Extension

Sl. No.	Item*	Details of the significant achievements including social impact/adaptation*	Developer/ Co-developer
1	Product/Patent/ Variety		
2	New Concept / Methodology/ Process/ Model developed/Novel Omics data generated		
3	Copyright/software/database/app		
4	Patents granted with details of Patent No.		

*Documentary evidence should be enclosed for the above claims

(b) Most significant achievements in Teaching

Sl.No.	Item	Detail	Year
1.	Courses taught and number of classes taken in each course		
2.	M.Sc./M.Tech./Ph.D. Students Guided as Chairperson		
3.	Development of e-course/training module/New Course introduced or Course(s) revised		
4.	Success of students in academics (in terms of their recognition for Awards)		
5.	Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director		

(c) Please state the most Significant achievements (Not more than 300 words)

--

9. (a) List 20 most important & highest NAAS rated publications in chronological order made in the major discipline (attach first page of these reprints)

Sl. No.	Name of author(s)	Year of publication	Title of the paper	Journal, Volume, issue & page Nos.	NAAS Journal ID and NAAS Score	Number of citations based on ISI Science Citation Index	Indicate if Corresponding author
1							

2							
3							
4							
5							
6							
7							
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14							
15							
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17							
18							
19							
20							

9 (b) Other publications:

S. No.	Item	Detail
1	Authored books with ISBN number (min. 200 pages)	
2	Edited books with ISBN number (min. 200 pages)	
3	Policy paper	
4	Scientific review papers in peer reviewed journal	
5	Book chapter	
6	Popular article	

9 (c) Externally funded projects handled as PI

S.No.	Name of the project	Funding agency	Budget	Duration

Documentary evidence should be provided

10. Awards and recognitions received

Sl. No.	Name of the Award/ Recognition	Year	National/ International	Awarding Academy/ Institution/ Professional Society/Government agency
1				
2				

3				
---	--	--	--	--

11. Please mention if this work has been submitted/ recognized for any other award.

12. Any other information

This is certified that all the information furnished by me is correct to the best of my knowledge and belief.

Place: **Date:** **Name:** **(Signature of the applicant)**

“Certified that the information given by the candidate in this application has been verified and fully authenticated and that there is no disciplinary action or proceedings pending or contemplated against the candidate.

Recommendation of the Head of the Institution

**(Signature)
& Seal**

Enclosures:

1. Application in original, duly forwarded and complete in all respect (2 hard copies and one soft copy)
2. Reprints (first page) of the 20 most important papers listed at Sl. No. 9(a) of application
3. Documentary proof for the claims made in respect of Awards/recognitions, technology, product, patent, externally funded projects handled, etc.

Allocation of marks (Dr. H.K. Jain Memorial Young Scientist Award)

Sl. No.	Criteria	Maximum Marks	Weightage
1	Research achievements: (i) Products/ variety/Technology (ii) New Concept / Methodology/ Process/ Model developed/Novel Omics data generated (iii) Patents granted (iv) Copyright/software/database/app	20	
3	Teaching achievements	20	
4	Research Publications	35	
5	Other publications	10	
6	Awards/Recognitions	5	
7	External funded projects handled as PI	10	
	Total Marks	100	
	Weightage for Judging Committee		80%
			20%

Research achievements (Maximum 20 Marks):

- (i) Developer of a commercialized product or technology/Gazette Notified plant variety (CVRC/SVRC) (5 marks each); Genetic stock registered (1 Mark each); new record of pathogen/pest/microbe/bio-agent along with accession numbers (2 Marks each).
 - (ii) New Concept / Methodology/ Process/ Model developed/Novel omics data. All claims in this category should be supported by research publications in peer reviewed journals with citations ≥ 10 (excluding self-citations) (3 Marks each)
 - (iii) Copyright/software/database/app (3 marks each)
 - (iv) Patents granted with details of Patent No. (5 marks for each patent).
- Developer shall be awarded 100% marks, Co-developer shall be awarded 75% marks.
Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 20 Marks):

- (i) Courses taught and number of classes taken in each course (Maximum 5 marks): Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.
- (ii) M.Sc. /M.Tech./ Ph.D. Students (Full time) Guided as Chairperson (Maximum 6 marks): Give thesis titles. 2 marks for each M.Sc./M.Tech. and 4.0 marks for each Ph.D. student guided as Chairperson.
- (iii) Development of e-course/training module/New Course introduced or Course(s) revised (one mark each; Maximum 3 marks)
- (iv) Success of students in academics (in terms of their recognition for Awards) (Maximum 3 marks): Institute level Medals, ICAR/ Institutional Awards, etc. (1 mark each).
- (v) Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (3 marks each).

Research Publications (Maximum 35 marks)

- (i) For 20 most important publications in the relevant discipline of the applicant: Cumulative NAAS Score x 0.0875
- (ii) First / corresponding author will get full marks in a publication and rest of the authors 75% marks.

Other publications (Maximum 10 marks)

- (i) Authored book with ISBN number (min. 200 pages): 2 marks each; Edited book with ISBN number (min. 200 pages): 1 mark each ; Policy paper: 1 mark each; 0.5 mark each for scientific review paper in a peer reviewed journal, Book chapter/Popular article: 0.25 Mark each

Awards/Recognitions (Maximum 5 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates of the Team Award) (2.5 marks each).
- (ii) Fellowship of the National Science Academies (5 marks each).
- (iii) Associateship/Young Scientist awards of the National Science Academies (2 Marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)
- (v) National and International level Professional Society and Academy Awards/ Recognition (not covered above) (1 mark each).

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

- (i) Projects costing <10 Lakhs: 1 Marks each
- (ii) Projects costing 10-30 Lakhs: 2 Marks each
- (iii) Projects costing >30 Lakhs: 3 Marks each

Guidelines governing “NABARD Scientist of the Year Award”

1. Name of the Award

The name of the award shall be ‘NABARD Scientist of the Year Award’ which is instituted for the field of Outstanding Work on Rural Credit related issues.

2. Donor of the Award

Rs. 20,00,000/- endowment amount from NABARD.

3. Nature of the Award

The award will carry a sum of Rs. 50,000 (fifty thousand rupees only) and a Certificate for the outstanding contributions in any of the branches of Agricultural Sciences impacting the above issue.

4. Objective of the Award

To motivate the young Agricultural Scientists by recognizing their outstanding contributions in the field of rural credit/ related issues in India.

This will help in pro-poor and pro-farmer policy formulation and move towards achieving the goal of ‘inclusive and sustainable development through credit.’

5. Periodicity of the Award

The periodicity of the award shall be annual, commencing from the year 2021-22.

6. Eligibility for the Award

Applicant should be an active scientist, age limit 40 years and should have outstanding research contributions in the area of rural credit related issues while working in India.

However, contributions or achievements which have already received any other award shall not be eligible for consideration of this Award.

7. Administration of the Award

The right to designate the general fields of endeavor in which the award shall be made will lie with IARI.

The Institute shall have the sole right of selection of recipients of the award and of the formulation of Rules and Eligibility governing such selection from time to time.

8. Screening Committee

The Dean & Joint Director (Edn.) will constitute a Screening Committee consisting of 5 (five) members concerning the major areas to the concerning year for scrutinizing and scoring the applications. The quorum of the Screening Committee, for finalizing the recommendation shall be at least 4 members including Chair & Member-Secretary.

9. Judging Committee

There will be a Judging Committee consisting of at least 5 (five) members. The Chairperson of the Academic Council will nominate the Chairperson for the Judging Committee and its members concerning the subject area in the concerned year. Dean and Joint Director (Edn.), IARI will be the Member-Secretary of the Committee. The quorum of the Judging Committee, for finalizing the recommendation shall be at least 4 members including Chairperson & Member- Secretary.

If any member of the Judging Committee himself/herself is to be considered for the award, he/she shall cease to be a member of the committee and replaced by a Scientist/Member nominated by the Chairperson, Academic Council in his/her place.

The Judging Committee shall recommend the name of the recipient for the award in accordance with procedure laid down hereinafter for approval of the Director, IARI.

The award may be withheld in any year, if no candidate is found suitable, in the opinion of the judging committee, in that year.

The award shall be given to only one person at one time and will not be shared.

10. Procedures for selection of recipient

Applications are invited from scientists of all branches of Agricultural Sciences for the above award duly forwarded through competent authorities. Duly filled applications as per prescribed form accompanied with detailed statement of the work and attainments of the candidate along with supporting documents should be submitted on or before the prescribed date.

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 75% marks as per score card.

The Award shall be withheld by the Judging Committee if in their opinion no sufficiently meritorious candidate is forthcoming in that year.

Only after the acceptance of the Recommendations of the Judging Committee by the Academic Council, the award shall be announced.

11. Presentation of the Award

The award shall be conferred during the Convocation of the Institute.

The expenditure relating to the arrangements for the Award and the TA/DA to be paid to the Awardee will be as per the ICAR rules and be met out from the interest accrued from the donated seed money.

Note: Three years cooling period for a previous awardee(IARI awards) is essential to apply for any other IARI award. An applicant is eligible to apply for only one award of IARI announced for that particular year.



**Post Graduate School
Indian Agricultural Research Institute
New Delhi**



Proforma for NABARD Scientist of the Year Award

Name of the Institute Forwarding application: _____

Photograph

Field/Discipline: _____

1. Name of the Candidate: _____
(First) (Middle) (Surname)

2. Designation: _____

3. Address: _____

4. Contacts: **Office:**
Tel.: _____ Fax: _____
E-mail: _____
Res.:
Tel.: _____ Fax: _____
E-mail: _____

5. Date of birth: _____
(Please provide the proof) (Day) (Month) (Year)

6. (a) Academic qualifications

Degree/Diploma	Year	Major field	University/ Institution	Division/ Distinction
Graduation				
Masters				
Ph.D.				
Any other degree/diploma				
Post-Doctoral Experience				

(b) Training in India and/or abroad (In the area relevant to the award)

Training title	Institution/Country	Sponsored by	Duration	Subject

7. Employment record

Designation	Pay scale (Rs.)	Nature of work	Institute (Organization)	Period (From - To)

8. Achievements

(a) Most significant achievements in Research and extension

Sl. No.	Item*	Details of the significant achievements including social impact/adaptation*	Developer/ Co-developer
1	Product/Patent/ Variety		
2	New Concept / Methodology/ Process/ Model developed		
3	Copyright/software/database/trademark/ app		
4	Patents granted with details of Patent No.		

**Documentary evidence should be enclosed for the above claims*

(b) Most significant achievements in Teaching

S.No.	Item	Detail	Year
1	Courses taught and number of classes taken in each course		
2	M.Sc./M.Tech./Ph.D. Students Guided as Chairperson		
3	Development of e-course/training module/New Course introduced or Course(s) revised		
4	Success of students in academics (in terms of their recognition for Awards)		
5	Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director		

(c) Please state the most Significant achievements (Not more than 300 words)

--

9 (a) List 20 most important & highest NAAS rated publications in chronological order made in the major discipline (attach first page of these reprints)

S.No.	Name of authors	Year of publication	Title of paper	Journal, Volume, issue & page Nos.	NAAS Journal ID and NAAS Score	Number of citations based on ISI Science Citation Index	Indicate if Corresponding author
1							
2							

3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

9 (b) Other publications:

S. No.	Item	Detail
1	Authored books with ISBN number (min. 200 pages)	
2	Edited books with ISBN number (min. 200 pages)	
3	Policy paper	
4	Scientific review papers in peer reviewed journal	
5	Book chapter	
6	Popular article	

9 (c) Externally funded projects handled as PI

S.No.	Name of the project	Funding agency	Budget	Duration

Documentary evidence should be provided

10. Awards and Recognitions

S. No.	Name of the Award/recognitions	Year	National/ International	Awarding Academy/Institution/ Professional Society/Government agency
1				
2				
3				

11. Please mention if this work has been submitted/ recognized for any other award.

12. Any other information

This is certified that all the information furnished by me is correct to the best of my knowledge and belief.

Place: **Date:** **Name:** **(Signature of the applicant)**

“Certified that the information given by the candidate in this application has been verified and fully authenticated and that there is no disciplinary action or proceedings pending or contemplated against the candidate.

Recommendation of the Head of the Institution

**(Signature)
& Seal**

Enclosures:

1. Application in original, duly forwarded and complete in all respect (2 hard copies and one soft copy)
2. Reprints (first page) of the 20 most important papers listed at Sl. No. 9(a) of application
3. Documentary proof for the claims made in respect of Awards/recognitions, technology, product, patent, externally funded projects handled, etc.

Allocation of marks (NABARD Scientist of the Year Award)

Sl. No.	Criteria	Maximum Marks	Weightage
1	Research achievements: (i) Products/Technology (ii) New Concept / Methodology/ Process/ Model developed (iii) Patents/Copyright/software/database/app	20	
3	Teaching achievements	20	
4	Research Publications	35	
5	Other publications	10	
6	Awards/Recognition	05	
7	External funded projects handled as PI	10	
	Total Marks	100	
	Weightage for Judging Committee		80%
			20%

Research achievements (Maximum 20 Marks):

- (i) Technology/products/New Concept / Methodology/ Process/ Model developed. All claims in this category should be supported by documentary proof or research publications in peer reviewed journals with citations ≥ 10 (excluding self-citations) (5 Marks each)
- (ii) Copyright/software/database/app (4 marks each)
- (iii) Patents granted with details of Patent No. (5 marks for each patent).
Developer shall be awarded 100% marks, Co-developer shall be awarded 75% marks.
Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 20 Marks):

- (i) Courses taught and number of classes taken in each course (Maximum 5 marks): *Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.*
- (ii) M.Sc. /M.Tech/ Ph.D. Students (Full time) Guided as Chairperson (Maximum 6 marks): *Give thesis titles. 2 marks for each M.Sc./M.Tech. and 4.0 marks for each Ph.D. student guided as Chairperson.*
- (iii) Development of e-course/training module/New Course introduced or Course(s) revised (one mark each; Maximum 3 marks)
- (iv) Success of students in academics (in terms of their recognition for Awards) (Maximum 3 marks): *Institute level Medals, ICAR/ Institutional Awards, etc. (1 mark each).*
- (v) Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (3 marks each).

Research Publications (Maximum 35 marks)

- (i) For 20 most important publications in the relevant discipline of the applicant: Cumulative NAAS Score x 0.0875
- (ii) First / corresponding author will get full marks in a publication and rest of the authors 75% marks.

Other publications (Maximum 10 marks)

- (i) Authored book with ISBN number (min. 200 pages): 2 marks each; Edited book with ISBN number (min. 200 pages): 1 mark each ; Policy paper: 1 mark each; 0.5 mark each for scientific review paper in a peer reviewed journal, Book chapter/Popular article: 0.25 Mark each

Awards/Recognitions (Maximum 05 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates of the Team Award) (2.5 marks each).
- (ii) Fellowship of National Science Academies (5 marks each).

- (iii) Associateship/Young Scientist awards of National Science Academies (2 Marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)
- (v) National and International level Professional Society and Academy Awards/ Recognition (not covered above) (1 mark each).

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

- (i) Projects costing <10 Lakhs: 2 Marks each
- (ii) Projects costing 10-30 Lakhs: 3 Marks each
- (iii) Projects costing >30 Lakhs: 5 Marks each

2021-22		No. of Students	Amount	Number of Students	Amount
				(M.Sc.) 251	22770720
	SRF-ICAR	0	0	(Ph.D.) 248	92256000
	DBT	0	0		
	DST	0	0		
	CSIR	4	1488000		
	National Fellowship (ST)	1	372000		
	National Fellowship (SC)	2	744000		
	National Fellowship (OBC)	3	1116000		
	Moulana Azad National Fellows	1	372000		
	UGC NET-JRF	9	3348000		

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-II/82-02/M.Sc & Ph.D/2022-2023/

Dated 21.11.2022

OFFICE ORDER

This is to certify that the students who had been admitted during the academic session 2017-2018, 2018-2019, 2019-2020, 2020-2021 and 2021-2022 at ICAR-IARI, New Delhi were awarded different fellowship as per list enclosed.


Sr. Registrar
कुल सचिव (शिक्षणिक)
Registrar (Academic)
स्नातकोत्तर विद्यालय,
Post Graduate School,
भा.कृ.अनु.सं., नई दिल्ली-12
IARI, New Delhi-12

Encl : As above

M.SC. & PH.D STUDEDNTS LIST FOR ADMITTED YEAR-2021

SR.NO.	YR_ADMN	COURSE	DATE_ENROL	ROLL NO	DISCIPLINE	NAME OF THE STUDENT
1.	2021	M.Sc. (Agri.)	31-12-2021	21563	AGRICULTURAL CHEMICALS	Ms. RIYA KUNDU
2.	2021	M.Sc. (Agri.)	31-12-2021	50074	AGRONOMY	Ms. AYEKPA M DOLLINA DEVI
3.	2021	M.Sc. (Agri.)	31-12-2021	60099	AGRONOMY	SATYAM RAWAT
4.	2021	M.Sc. (Agri.)	31-12-2021	60098	AGRONOMY	Ms. INDRANI SAHA
5.	2021	M.Sc. (Agri.)	31-12-2021	60096	AGRONOMY	TANMAY DAS
6.	2021	M.Sc. (Agri.)	31-12-2021	60097	AGRONOMY	Ms. KAVYA INUGANTI
7.	2021	M.Sc. (Agri.)	31-12-2021	21567	AGRICULTURAL CHEMICALS	CHAVALI SAIKUMAR REDDY
8.	2021	M.Sc. (Agri.)	31-12-2021	21566	AGRICULTURAL CHEMICALS	ARINDAM RAY
9.	2021	M.Sc. (Agri.)	31-12-2021	21564	AGRICULTURAL CHEMICALS	ASHUTOSH KUMAR SINGH
10.	2021	M.Sc. (Agri.)	31-12-2021	21562	AGRICULTURAL CHEMICALS	Ms. DIPSIKHA MONDAL
11.	2021	M.Sc. (Agri.)	31-12-2021	50075	AGRONOMY	ROHITASH DOODWAL
12.	2021	M.Sc. (Agri.)	31-12-2021	21565	AGRICULTURAL CHEMICALS	SOURABH SUMAN
13.	2021	M.Sc. (Agri.)	31-12-2021	50081	SOIL SCIENCE	Ms. PRATHYAKSHA C S
14.	2021	M.Sc. (Agri.)	31-12-2021	80023	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SHAKESPEAR.S
15.	2021	M.Sc. (Agri.)	31-12-2021	21696	PLANT PHYSIOLOGY	PRADEEP
16.	2021	M.Sc. (Agri.)	31-12-2021	21697	PLANT PHYSIOLOGY	KUNKALA RAHUL KARTHIK
17.	2021	M.Sc. (Agri.)	31-12-2021	21698	PLANT PHYSIOLOGY	SIVAPRAGASAM
18.	2021	M.Sc. (Agri.)	31-12-2021	21699	PLANT PHYSIOLOGY	K.BHARATH CHANDRA
19.	2021	M.Sc. (Agri.)	31-12-2021	21700	PLANT PHYSIOLOGY	Ms. AMOORU HARIKA
20.	2021	M.Sc. (Agri.)	31-12-2021	21701	PLANT PHYSIOLOGY	SUBRATA DEBNATH
21.	2021	M.Sc. (Agri.)	31-12-2021	21702	PLANT PHYSIOLOGY	AJAY NINANA
22.	2021	M.Sc. (Agri.)	31-12-2021	70014	PLANT PHYSIOLOGY	SHRICHARAN S
23.	2021	M.Sc. (Agri.)	31-12-2021	70015	PLANT PHYSIOLOGY	Ms. DHARANI E
24.	2021	M.Sc. (Agri.)	31-12-2021	70016	PLANT PHYSIOLOGY	CHANUMOLU HARI GOPALA KRISHNA
25.	2021	M.Sc. (Agri.)	15-01-2022	70017	PLANT PHYSIOLOGY	SHANKAR KUMAR
26.	2021	M.Sc. (Agri.)	31-12-2021	21705	POST HARVEST MANAGEMENT	AJAY RAMESHBHAI NAROLA
27.	2021	M.Sc. (Agri.)	31-12-2021	60118	SOIL SCIENCE	Ms. SARMISTHA PRIYADARSHINI
28.	2021	M.Sc. (Agri.)	31-12-2021	21704	POST HARVEST MANAGEMENT	Ms. RANJANI M
29.	2021	M.Sc. (Agri.)	31-12-2021	50082	SOIL SCIENCE	BIJAN KUMAR MONDAL
30.	2021	M.Sc. (Agri.)	15-01-2022	21743	SOIL SCIENCE	DEEPAK
31.	2021	M.Sc. (Agri.)	31-12-2021	21712	SOIL SCIENCE	Ms. ALAPATI NYMISHA
32.	2021	M.Sc. (Agri.)	31-12-2021	21713	SOIL SCIENCE	JYOTIRMAY ROY
33.	2021	M.Sc. (Agri.)	31-12-2021	21714	SOIL SCIENCE	CHAKRAPANI SAIKRISHNA KISHORE
34.	2021	M.Sc. (Agri.)	31-12-2021	21715	SOIL SCIENCE	MANISH KUMAR
35.	2021	M.Sc. (Agri.)	31-12-2021	21716	SOIL SCIENCE	THUNGASHAN KIKON

36.	2021	M.Sc. (Agri.)	31-12-2021	21707	SEED SCIENCE AND TECHNOLOGY	SANDEEP
37.	2021	M.Sc. (Agri.)	31-12-2021	21708	SEED SCIENCE AND TECHNOLOGY	Ms. TANYA SINGH
38.	2021	M.Sc. (Agri.)	31-12-2021	21709	SEED SCIENCE AND TECHNOLOGY	Ms. SHREYA PATIL
39.	2021	M.Sc. (Agri.)	31-12-2021	21710	SEED SCIENCE AND TECHNOLOGY	Ms. TUHINA GHOSH
40.	2021	M.Sc. (Agri.)	31-12-2021	21711	SEED SCIENCE AND TECHNOLOGY	Ms. YALLAVVA MADAR
41.	2021	M.Sc. (Agri.)	31-12-2021	60117	SOIL SCIENCE	SUBHAJEET SARKAR
42.	2021	M.Sc. (Agri.)	31-12-2021	21693	PLANT PATHOLOGY	AMBALAVANAN A
43.	2021	M.Sc. (Agri.)	31-12-2021	90015	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SHIVAKUMARASWAMY M
44.	2021	M.Sc. (Agri.)	31-12-2021	90016	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MUSTAFA N
45.	2021	M.Sc. (Agri.)	31-12-2021	90017	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SUDHEER BISHNOI
46.	2021	M.Sc. (Agri.)	31-12-2021	90018	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	PRATIK PRASAD SINGH
47.	2021	M.Sc. (Agri.)	31-12-2021	90019	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SRADHANJALI JENA
48.	2021	M.Sc. (Agri.)	15-01-2022	21739	NEMATOLOGY	BAGSARIYA NISHANT NITESHBHAI
49.	2021	M.Sc. (Agri.)	15-01-2022	21740	NEMATOLOGY	Ms. KAVITA JAIN
50.	2021	M.Sc. (Agri.)	31-12-2021	21682	NEMATOLOGY	Ms. VIMALA G
51.	2021	M.Sc. (Agri.)	31-12-2021	21683	NEMATOLOGY	Ms. ADHUNA K P
52.	2021	M.Sc. (Agri.)	31-12-2021	21684	NEMATOLOGY	VOODIKALA SAI AKHIL
53.	2021	M.Sc. (Agri.)	31-12-2021	21689	PLANT PATHOLOGY	Ms. NETRA KALLEGODRA
54.	2021	M.Sc. (Agri.)	31-12-2021	21690	PLANT PATHOLOGY	MANOJ P N
55.	2021	M.Sc. (Agri.)	31-12-2021	21706	POST HARVEST MANAGEMENT	Ms. VATHSALA. V
56.	2021	M.Sc. (Agri.)	31-12-2021	21692	PLANT PATHOLOGY	Ms. PRATIBHA MURMU
57.	2021	M.Sc. (Agri.)	31-12-2021	21726	WATER SCIENCE AND TECHNOLOGY	Ms. KEERTHANA MAVERIL
58.	2021	M.Sc. (Agri.)	31-12-2021	21694	PLANT PATHOLOGY	Ms. POULAMI BASAK
59.	2021	M.Sc. (Agri.)	31-12-2021	21695	PLANT PATHOLOGY	Ms. RASHI JAIN
60.	2021	M.Sc. (Agri.)	31-12-2021	80025	PLANT PATHOLOGY	PRAJWAL RAI
61.	2021	M.Sc. (Agri.)	31-12-2021	60112	PLANT PATHOLOGY	Ms. AYESHA SIDDIQA
62.	2021	M.Sc. (Agri.)	31-12-2021	60113	PLANT PATHOLOGY	Ms. CHERUKU ROSHINI
63.	2021	M.Sc. (Agri.)	31-12-2021	60114	PLANT PATHOLOGY	LOKESHA G
64.	2021	M.Sc. (Agri.)	15-01-2022	21741	PLANT GENETIC RESOURCES	Ms. SHRADHA MAHAWAR
65.	2021	M.Sc. (Agri.)	18-01-2022	21742	PLANT GENETIC RESOURCES	KUNAL
66.	2021	M.Sc. (Agri.)	31-12-2021	21685	PLANT GENETIC RESOURCES	VIVEK KUMAR
67.	2021	M.Sc. (Agri.)	31-12-2021	21686	PLANT GENETIC RESOURCES	Ms. JYOTSNA VERMA
68.	2021	M.Sc. (Agri.)	31-12-2021	21687	PLANT GENETIC RESOURCES	Ms. SAMPA SAHA
69.	2021	M.Sc. (Agri.)	31-12-2021	21703	POST HARVEST MANAGEMENT	Ms. SANTURI MOUNIKA MANISREE
70.	2021	M.Sc. (Agri.)	31-12-2021	21691	PLANT PATHOLOGY	Ms. ELORA PRIYADARSHINI
71.	2021	M.Sc. (Agri.)	31-12-2021	21604	AGRICULTURAL STATISTICS	BANAVATH SAMUEL NAIK
72.	2021	M.Sc. (Agri.)	31-12-2021	21637	ENTOMOLOGY	AASHIQ POON V S

73.	2021	M.Sc. (Agri.)	31-12-2021	21638	ENTOMOLOGY	Ms. SINGAM SUDISHMA
74.	2021	M.Sc. (Agri.)	31-12-2021	60100	ENTOMOLOGY	ARBUD LALA
75.	2021	M.Sc. (Agri.)	31-12-2021	60101	ENTOMOLOGY	KIRANKUMAR H
76.	2021	M.Sc. (Agri.)	31-12-2021	80012	ENTOMOLOGY	GOURANGA SAW
77.	2021	M.Sc. (Agri.)	31-12-2021	80013	ENTOMOLOGY	SAI MANOJ MARELLA
78.	2021	M.Sc. (Agri.)	31-12-2021	21597	AGRICULTURAL PHYSICS	Ms. SUMAN
79.	2021	M.Sc. (Agri.)	31-12-2021	21598	AGRICULTURAL PHYSICS	SHARAN S P
80.	2021	M.Sc. (Agri.)	15-01-2022	21737	AGRICULTURAL PHYSICS	Ms. PRATAHBIDYA NAYAK
81.	2021	M.Sc. (Agri.)	31-12-2021	21599	AGRICULTURAL STATISTICS	AKARSH SINGH
82.	2021	M.Sc. (Agri.)	31-12-2021	21600	AGRICULTURAL STATISTICS	SAIKATH DAS
83.	2021	M.Sc. (Agri.)	31-12-2021	21601	AGRICULTURAL STATISTICS	SURYA PRAKASH TRIPATHI
84.	2021	M.Sc. (Agri.)	31-12-2021	60115	SEED SCIENCE AND TECHNOLOGY	Ms. MUJTAHIDA KHATUN
85.	2021	M.Sc. (Agri.)	31-12-2021	21603	AGRICULTURAL STATISTICS	SUBHANKAR BISWAS
86.	2021	M.Sc. (Agri.)	31-12-2021	21595	AGRICULTURAL PHYSICS	Ms. SOURAMITA CHAKRABORTY
87.	2021	M.Sc. (Agri.)	31-12-2021	21605	AGRICULTURAL STATISTICS	SUBHRADIP ROY
88.	2021	M.Sc. (Agri.)	31-12-2021	21606	AGRICULTURAL STATISTICS	ASHISH GUPTA
89.	2021	M.Sc. (Agri.)	31-12-2021	21626	BIOINFORMATICS	Ms. SORNA A M
90.	2021	M.Sc. (Agri.)	21-01-2022	80026	PLANT PATHOLOGY	MANOJ N S
91.	2021	M.Sc. (Agri.)	21-01-2022	90020	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ANKIT RAJ
92.	2021	M.Sc. (Agri.)	31-12-2021	21616	BIOCHEMISTRY	VIVEK KUMAR
93.	2021	M.Sc. (Agri.)	31-12-2021	21615	BIOCHEMISTRY	SHUVARGHYA CHAKRABORTY
94.	2021	M.Sc. (Agri.)	31-12-2021	21625	BIOINFORMATICS	SUBHAM GHOSH
95.	2021	M.Sc. (Agri.)	31-12-2021	21624	BIOINFORMATICS	ABHISHEK ANAND
96.	2021	M.Sc. (Agri.)	31-12-2021	21623	BIOINFORMATICS	Ms. DEEKSHA P M
97.	2021	M.Sc. (Agri.)	31-12-2021	21622	BIOINFORMATICS	RAVI
98.	2021	M.Sc. (Agri.)	31-12-2021	21621	BIOINFORMATICS	ABHIK SARKAR
99.	2021	M.Sc. (Agri.)	31-12-2021	21602	AGRICULTURAL STATISTICS	RAKESH CHHALOTRE
100.	2021	M.Sc. (Agri.)	31-12-2021	50076	AGRONOMY	ABHISHEK PATIDAR
101.	2021	M.Sc. (Agri.)	18-01-2022	21729	WATER SCIENCE AND TECHNOLOGY	KRISHNA PATIDAR
102.	2021	M.Sc. (Agri.)	31-12-2021	21727	WATER SCIENCE AND TECHNOLOGY	VISHAL SANGWAN
103.	2021	M.Sc. (Agri.)	31-12-2021	21728	WATER SCIENCE AND TECHNOLOGY	NAVEEN KUMAR
104.	2021	M.Sc. (Agri.)	18-01-2022	21744	WATER SCIENCE AND TECHNOLOGY	PAVAN PRABHAKAR PANZADE
105.	2021	M.Sc. (Agri.)	31-12-2021	21618	BIOCHEMISTRY	SANJAY BEHERA
106.	2021	M.Sc. (Agri.)	31-12-2021	21620	BIOCHEMISTRY	RAMAVATH PREM KUMAR NAIK
107.	2021	M.Sc. (Agri.)	31-12-2021	21628	COMPUTER APPLICATION	ROHIT VANSHRAJ
108.	2021	M.Sc. (Agri.)	31-12-2021	21630	COMPUTER APPLICATION	SASIKUMARAN S
109.	2021	M.Sc. (Agri.)	15-01-2022	21738	COMPUTER APPLICATION	NASIRHUSSAIN M Y

110.	2021	M.Sc. (Agri.)	31-12-2021	21631	ENTOMOLOGY	Ms. ASMITA DAS
111.	2021	M.Sc. (Agri.)	31-12-2021	21632	ENTOMOLOGY	Ms. JESSA JOSEPH
112.	2021	M.Sc. (Agri.)	31-12-2021	21633	ENTOMOLOGY	Ms. DARSHANA BRAHMA
113.	2021	M.Sc. (Agri.)	31-12-2021	21636	ENTOMOLOGY	Ms. JAGADAM SAI RUPALI
114.	2021	M.Sc. (Agri.)	31-12-2021	21635	ENTOMOLOGY	Ms. EERE VIDYA MADHURI
115.	2021	M.Sc. (Agri.)	31-12-2021	21596	AGRICULTURAL PHYSICS	SASHITOSH BEHERA
116.	2021	M.Sc. (Agri.)	21-03-2022	21745	AGRONOMY	CHAPPALI HARENDRA
117.	2021	M.Sc. (Agri.)	21-03-2022	21746	COMPUTER APPLICATION	Ms. BHAVYA SHREE V
118.	2021	M.Sc. (Agri.)	21-03-2022	21748	COMPUTER APPLICATION	GOURAV MAITRA
119.	2021	M.Sc. (Agri.)	21-03-2022	21749	ENVIRONMENTAL SCIENCES	Ms. SHEVAKULA MANASA
120.	2021	M.Sc. (Agri.)	21-03-2022	21750	MICROBIOLOGY	KONDERU NITEESH VARMA
121.	2021	M.Sc. (Agri.)	21-03-2022	21751	PLANT GENETIC RESOURCES	Ms. GUTHI LIKHITHA
122.	2021	M.Sc. (Agri.)	21-03-2022	21752	PLANT GENETIC RESOURCES	Ms. JITENDRA KUMAR YADAV
123.	2021	M.Sc. (Agri.)	21-03-2022	21753	SOIL SCIENCE	HIMANSHU SINGH
124.	2021	M.Sc. (Agri.)	31-12-2021	21591	AGRICULTURAL EXTENSION	Ms. MATHI GIRISHMA
125.	2021	M.Sc. (Agri.)	31-12-2021	21592	AGRICULTURAL EXTENSION	DEVANAND TRIPATHI
126.	2021	M.Sc. (Agri.)	31-12-2021	21593	AGRICULTURAL EXTENSION	OMPRAKASH N
127.	2021	M.Sc. (Agri.)	31-12-2021	21594	AGRICULTURAL EXTENSION	NAVEEN KUMAR H N
128.	2021	M.Sc. (Agri.)	31-12-2021	60116	SEED SCIENCE AND TECHNOLOGY	SAYAN MAKUR
129.	2021	M.Sc. (Agri.)	31-12-2021	21634	ENTOMOLOGY	ELIKA PAVAN VENKATA KUMAR
130.	2021	M.Sc. (Agri.)	31-12-2021	90011	GENETICS AND PLANT BREEDING	Ms. JAYA KOTHAPELLY
131.	2021	M.Sc. (Agri.)	31-12-2021	60094	AGRICULTURAL EXTENSION	AMIT SINHA
132.	2021	M.Sc. (Agri.)	31-12-2021	21664	GENETICS AND PLANT BREEDING	AMIT KUMAR MAZUMDER
133.	2021	M.Sc. (Agri.)	31-12-2021	21665	GENETICS AND PLANT BREEDING	DHARAVATH HATHIRAM
134.	2021	M.Sc. (Agri.)	31-12-2021	60107	GENETICS AND PLANT BREEDING	FIROS BASHA T M
135.	2021	M.Sc. (Agri.)	31-12-2021	60108	GENETICS AND PLANT BREEDING	SAYAN GOSWAMI
136.	2021	M.Sc. (Agri.)	31-12-2021	60109	GENETICS AND PLANT BREEDING	BHARGAVA KOTTE
137.	2021	M.Sc. (Agri.)	31-12-2021	50078	GENETICS AND PLANT BREEDING	Ms. ROOPA M N
138.	2021	M.Sc. (Agri.)	31-12-2021	21662	GENETICS AND PLANT BREEDING	Ms. RAGINI R
139.	2021	M.Sc. (Agri.)	31-12-2021	50080	GENETICS AND PLANT BREEDING	HARISH WALIKAR
140.	2021	M.Sc. (Agri.)	31-12-2021	21661	GENETICS AND PLANT BREEDING	SATYAM
141.	2021	M.Sc. (Agri.)	31-12-2021	90012	GENETICS AND PLANT BREEDING	Ms. ADEPU PRIYADARSHINI
142.	2021	M.Sc. (Agri.)	31-12-2021	90013	GENETICS AND PLANT BREEDING	MUKESH RAJ
143.	2021	M.Sc. (Agri.)	31-12-2021	90014	GENETICS AND PLANT BREEDING	KOPPULA SATYA SAI KUMAR
144.	2021	M.Sc. (Agri.)	31-12-2021	80016	GENETICS AND PLANT BREEDING	Ms. CHANDANA H S
145.	2021	M.Sc. (Agri.)	31-12-2021	80014	ENTOMOLOGY	Ms. ARCHITA DAS
146.	2021	M.Sc. (Agri.)	31-12-2021	21589	AGRICULTURAL EXTENSION	Ms. PASUPULETI SAHITHI

147.	2021	M.Sc. (Agri.)	31-12-2021	60095	AGRICULTURAL EXTENSION	NUTHAKI VENKATA LEELA KRISHNA CHAITHANYA
148.	2021	M.Sc. (Agri.)	31-12-2021	50079	GENETICS AND PLANT BREEDING	UDAYA BHANU ANGIREKULA
149.	2021	M.Sc. (Agri.)	31-12-2021	60102	ENVIRONMENTAL SCIENCES	MUTRA BALAKRISHNA REDDY
150.	2021	M.Sc. (Agri.)	31-12-2021	80022	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. USHA M S
151.	2021	M.Sc. (Agri.)	31-12-2021	21644	ENVIRONMENTAL SCIENCES	Ms. SUCHITRA KUNDURU
152.	2021	M.Sc. (Agri.)	31-12-2021	21643	ENVIRONMENTAL SCIENCES	LOKESH KUMAR MEENA
153.	2021	M.Sc. (Agri.)	31-12-2021	21642	ENVIRONMENTAL SCIENCES	AVINASH C
154.	2021	M.Sc. (Agri.)	31-12-2021	21641	ENVIRONMENTAL SCIENCES	Ms. ABHILASHA CHOUDHARY
155.	2021	M.Sc. (Agri.)	31-12-2021	21640	ENVIRONMENTAL SCIENCES	KEERTHIKUMAR M
156.	2021	M.Sc. (Agri.)	31-12-2021	21639	ENVIRONMENTAL SCIENCES	Ms. DIVYA SINHA
157.	2021	M.Sc. (Agri.)	31-12-2021	21663	GENETICS AND PLANT BREEDING	Ms. JENIA ROY
158.	2021	M.Sc. (Agri.)	12-01-2022	60103	ENVIRONMENTAL SCIENCES	SAI KIRAN BURJI
159.	2021	M.Sc. (Agri.)	31-12-2021	21590	AGRICULTURAL EXTENSION	ANIRBAN JANA
160.	2021	M.Sc. (Agri.)	31-12-2021	70013	ENVIRONMENTAL SCIENCES	Ms. PRERNA KUMARI
161.	2021	M.Sc. (Agri.)	31-12-2021	70012	ENVIRONMENTAL SCIENCES	Ms. CHARISHMA NANDIMANDALAM
162.	2021	M.Sc. (Agri.)	31-12-2021	70011	ENVIRONMENTAL SCIENCES	ASHOK KUMAR SUBUDHI
163.	2021	M.Sc. (Agri.)	31-12-2021	21658	GENETICS AND PLANT BREEDING	Ms. BAJJURI DIVYA
164.	2021	M.Sc. (Agri.)	31-12-2021	80015	ENTOMOLOGY	Ms. MALAWANTHKAR RANI
165.	2021	M.Sc. (Agri.)	31-12-2021	21659	GENETICS AND PLANT BREEDING	Ms. KAVYA R
166.	2021	M.Sc. (Agri.)	31-12-2021	21660	GENETICS AND PLANT BREEDING	NAMAN RAJ
167.	2021	M.Sc. (Agri.)	31-12-2021	60104	ENVIRONMENTAL SCIENCES	SUBHRANSU SEKHAR BEHERA
168.	2021	M.Sc. (Agri.)	31-12-2021	21675	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SOUMYA CHAKRABORTY
169.	2021	M.Sc. (Agri.)	31-12-2021	80019	MICROBIOLOGY	PRAJWAL S K
170.	2021	M.Sc. (Agri.)	31-12-2021	21573	AGRICULTURAL ECONOMICS	Ms. SWATI SINGH
171.	2021	M.Sc. (Agri.)	31-12-2021	21668	MICROBIOLOGY	Ms. YAMINI YADAV
172.	2021	M.Sc. (Agri.)	31-12-2021	80017	GENETICS AND PLANT BREEDING	CHADUVULA ESHWAR SAI PRASAD
173.	2021	M.Sc. (Agri.)	31-12-2021	21670	MICROBIOLOGY	SANGRAM GARAI
174.	2021	M.Sc. (Agri.)	31-12-2021	21671	MICROBIOLOGY	Ms. PRATIBHA BARIK
175.	2021	M.Sc. (Agri.)	31-12-2021	21672	MICROBIOLOGY	Ms. SONAM YANGCHAN
176.	2021	M.Sc. (Agri.)	31-12-2021	80018	MICROBIOLOGY	SAYAN BANERJEE
177.	2021	M.Sc. (Agri.)	31-12-2021	21674	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ASHUTOSH DILIPRAO THAKARE
178.	2021	M.Sc. (Agri.)	31-12-2021	21667	MICROBIOLOGY	Ms. BARNANA MAITRA
179.	2021	M.Sc. (Agri.)	31-12-2021	21676	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	BALAJI B
180.	2021	M.Sc. (Agri.)	31-12-2021	21677	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SANJAY T D
181.	2021	M.Sc. (Agri.)	31-12-2021	21678	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SONAM BRIJLAL INGLE BRIJLAL INGLE
182.	2021	M.Sc. (Agri.)	31-12-2021	21679	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	SUBHASH A
183.	2021	M.Sc. (Agri.)	31-12-2021	21680	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	BHANU KUMAR TIWARI

184.	2021	M.Sc. (Agri.)	31-12-2021	21681	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	KIRAN MAHAVIR MAGDUM
185.	2021	M.Sc. (Agri.)	31-12-2021	80020	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. PALLAVI S
186.	2021	M.Sc. (Agri.)	31-12-2021	80021	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	AJAY KUMAR
187.	2021	M.Sc. (Agri.)	31-12-2021	21673	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	THARUN KUMAR C J
188.	2021	M.Sc. (Agri.)	31-12-2021	21568	AGRICULTURAL ECONOMICS	SHUBHO PAUL
189.	2021	M.Sc. (Agri.)	31-12-2021	21572	AGRICULTURAL ECONOMICS	Ms. HITAIHREE M
190.	2021	M.Sc. (Agri.)	31-12-2021	21571	AGRICULTURAL ECONOMICS	Ms. SNEHA S B
191.	2021	M.Sc. (Agri.)	31-12-2021	21570	AGRICULTURAL ECONOMICS	PAVAN KUMAR KUMAWAT
192.	2021	M.Sc. (Agri.)	31-12-2021	21669	MICROBIOLOGY	Ms. KARTHIKA K
193.	2021	M.Sc. (Agri.)	31-12-2021	21569	AGRICULTURAL ECONOMICS	ANKIT
194.	2021	M.Sc. (Agri.)	31-12-2021	60111	MICROBIOLOGY	Ms. NALLAPAREDDY BAVANA REDDY
195.	2021	M.Sc. (Agri.)	31-12-2021	21614	AGRONOMY	PRAKASH DHANAVATH
196.	2021	M.Sc. (Agri.)	31-12-2021	21612	AGRONOMY	SUBRATA BAG
197.	2021	M.Sc. (Agri.)	31-12-2021	50077	AGRONOMY	DEVENDRA KUMAR DADHICH
198.	2021	M.Sc. (Agri.)	31-12-2021	21610	AGRONOMY	SOUGATA ROY
199.	2021	M.Sc. (Agri.)	31-12-2021	21609	AGRONOMY	SOUMYA PRAKASH BHOI
200.	2021	M.Sc. (Agri.)	31-12-2021	21608	AGRONOMY	SHWETANSH
201.	2021	M.Sc. (Agri.)	31-12-2021	21607	AGRONOMY	SHUBHAM GROVER
202.	2021	M.Sc. (Agri.)	31-12-2021	80011	AGRONOMY	Ms. SHRUTI SANJITA GIRI
203.	2021	M.Sc. (Agri.)	31-12-2021	80010	AGRONOMY	DIYAN MANDAL
204.	2021	M.Sc. (Agri.)	31-12-2021	21611	AGRONOMY	Ms. BIPASHA DAS
205.	2021	M.Sc. (Agri.)	31-12-2021	60110	MICROBIOLOGY	RAGHAVENDRA J S
206.	2021	M.Sc. (Hort.)	31-12-2021	21656	FRUIT SCIENCE	HARSHIT KUMAR
207.	2021	M.Sc. (Hort.)	31-12-2021	21655	FRUIT SCIENCE	RAUSHAN KUMAR
208.	2021	M.Sc. (Hort.)	31-12-2021	21654	FRUIT SCIENCE	Ms. LAYA P
209.	2021	M.Sc. (Hort.)	31-12-2021	21652	FRUIT SCIENCE	Ms. POOJA
210.	2021	M.Sc. (Hort.)	31-12-2021	60106	FRUIT SCIENCE	SAIKAT DEY
211.	2021	M.Sc. (Hort.)	31-12-2021	21657	FRUIT SCIENCE	Ms. PRIYANKA K M
212.	2021	M.Sc. (Hort.)	31-12-2021	21653	FRUIT SCIENCE	PRABHANJAN BHANUDAS RANE
213.	2021	M.Sc. (Hort.)	31-12-2021	60105	FRUIT SCIENCE	Ms. MADHUMATHI
214.	2021	M.Sc. (Hort.)	31-12-2021	60121	VEGETABLE SCIENCE	Ms. MEGHANA DEVIREDDY
215.	2021	M.Sc. (Hort.)	31-12-2021	60119	VEGETABLE SCIENCE	ANKIT KUMAR SINHA
216.	2021	M.Sc. (Hort.)	31-12-2021	21725	VEGETABLE SCIENCE	THUSHAL R Y
217.	2021	M.Sc. (Hort.)	31-12-2021	21724	VEGETABLE SCIENCE	DHARAVATH RAM BABU
218.	2021	M.Sc. (Hort.)	31-12-2021	21723	VEGETABLE SCIENCE	KISHOR KARSHANBHAI VAROTARIYA
219.	2021	M.Sc. (Hort.)	31-12-2021	21722	VEGETABLE SCIENCE	DHARMENDRA KUMAR VERMA
220.	2021	M.Sc. (Hort.)	31-12-2021	60120	VEGETABLE SCIENCE	Ms. VASAVI DEVI

221.	2021	M.Sc. (Hort.)	31-12-2021	50083	VEGETABLE SCIENCE	Ms. BARNALI MAJUMDER
222.	2021	M.Sc. (Hort.)	31-12-2021	50084	VEGETABLE SCIENCE	Ms. NABANITA ROY
223.	2021	M.Sc. (Hort.)	15-01-2022	50085	VEGETABLE SCIENCE	WAHENGHAM ZENITH SINGH
224.	2021	M.Sc. (Hort.)	31-12-2021	21645	FLORICULTURE AND LANDSCAPE ARCHITECTURE	SOURAV PANIGRAHI
225.	2021	M.Sc. (Hort.)	31-12-2021	21647	FLORICULTURE AND LANDSCAPE ARCHITECTURE	NASINA BALAJI
226.	2021	M.Sc. (Hort.)	31-12-2021	21646	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. MARIYAM FIRDOUS
227.	2021	M.Sc. (Hort.)	31-12-2021	21718	VEGETABLE SCIENCE	SWAGATA NANDI
228.	2021	M.Sc. (Hort.)	31-12-2021	21651	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. CHAITHRA
229.	2021	M.Sc. (Hort.)	31-12-2021	21720	VEGETABLE SCIENCE	LUHANA SOHAMKUMAR CHETANDAS
230.	2021	M.Sc. (Hort.)	31-12-2021	21648	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. SANGHITA ROY
231.	2021	M.Sc. (Hort.)	31-12-2021	21719	VEGETABLE SCIENCE	Ms. ANKITA SAHA
232.	2021	M.Sc. (Hort.)	31-12-2021	21650	FLORICULTURE AND LANDSCAPE ARCHITECTURE	VALLARASU
233.	2021	M.Sc. (Hort.)	31-12-2021	21649	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. KUSUMA M.V
234.	2021	M.Sc. (Hort.)	31-12-2021	21721	VEGETABLE SCIENCE	BANOTH THARUN
235.	2021	M.Tech.	31-12-2021	21583	AGRICULTURAL ENGINEERING	SATHISH KUMAR B N
236.	2021	M.Tech.	31-12-2021	21588	AGRICULTURAL ENGINEERING	Ms. BARNALI SAHA
237.	2021	M.Tech.	31-12-2021	21586	AGRICULTURAL ENGINEERING	Ms. ATHIRA SAJI
238.	2021	M.Tech.	31-12-2021	21585	AGRICULTURAL ENGINEERING	Ms. SRIDHANABHARATHI B
239.	2021	M.Tech.	31-12-2021	21581	AGRICULTURAL ENGINEERING	NAVEEN RACHAMALLA
240.	2021	M.Tech.	31-12-2021	21574	AGRICULTURAL ENGINEERING	PRABHAT KUMAR OJHA
241.	2021	M.Tech.	31-12-2021	21575	AGRICULTURAL ENGINEERING	MUKESH PATTAIYA
242.	2021	M.Tech.	31-12-2021	21576	AGRICULTURAL ENGINEERING	Ms. PIYUSHA MAHENDRA MATONDKAR
243.	2021	M.Tech.	31-12-2021	21584	AGRICULTURAL ENGINEERING	JADAV KAUSHIK AMRISHBHAI
244.	2021	M.Tech.	31-12-2021	21582	AGRICULTURAL ENGINEERING	SOUBHAGYA SEKHAR NAYAK
245.	2021	M.Tech.	31-12-2021	70010	AGRICULTURAL ENGINEERING	VISHNU SUDHAGONI
246.	2021	M.Tech.	31-12-2021	60093	AGRICULTURAL ENGINEERING	RAUMINSH KUMAR
247.	2021	M.Tech.	31-12-2021	21579	AGRICULTURAL ENGINEERING	MOHANASELVAN .T
248.	2021	M.Tech.	31-12-2021	70009	AGRICULTURAL ENGINEERING	GANESH PRASAD SAHOO
249.	2021	M.Tech.	31-12-2021	21580	AGRICULTURAL ENGINEERING	RADHA KRISHNAN NA S
250.	2021	M.Tech.	31-12-2021	21577	AGRICULTURAL ENGINEERING	SAURABH KUMAR GUPTA
251.	2021	M.Tech.	31-12-2021	21578	AGRICULTURAL ENGINEERING	SUBRATA MANDAL
252.	2021	M.Tech.	31-12-2021	70008	AGRICULTURAL ENGINEERING	Ms. BHAVANI
253.	2021	Ph.D.	31-12-2021	12125	PLANT PATHOLOGY	Ms. NIVETHA M
254.	2021	Ph.D.	31-12-2021	12120	PLANT GENETIC RESOURCES	NAGARAJ NAIK D
255.	2021	Ph.D.	31-12-2021	12132	PLANT PATHOLOGY	SANDEEP KUMAR PANI
256.	2021	Ph.D.	31-12-2021	12126	PLANT PATHOLOGY	MD FIROZ MONDAL
257.	2021	Ph.D.	31-12-2021	12127	PLANT PATHOLOGY	Ms. BOGGALA VAJRAMMA
258.	2021	Ph.D.	31-12-2021	12124	PLANT PATHOLOGY	Ms. MEHULEE SARKAR
259.	2021	Ph.D.	31-12-2021	12128	PLANT PATHOLOGY	Ms. SHAIYA SINGH
260.	2021	Ph.D.	31-12-2021	12129	PLANT PATHOLOGY	BABU B
261.	2021	Ph.D.	31-12-2021	12116	NEMATOLOGY	Ms. KSHITIZ

262.	2021	Ph.D.	31-12-2021	12130	PLANT PATHOLOGY	RAHUL PATIDAR
263.	2021	Ph.D.	31-12-2021	12131	PLANT PATHOLOGY	ELANGO VAN M
264.	2021	Ph.D.	31-12-2021	12020	BIOCHEMISTRY	Ms. ARPITHA S R
265.	2021	Ph.D.	31-12-2021	12033	ENTOMOLOGY	RUDRA GOUDA
266.	2021	Ph.D.	31-12-2021	12032	ENTOMOLOGY	Ms. CHAITANYA
267.	2021	Ph.D.	31-12-2021	12031	COMPUTER APPLICATION	SARAVANAKUMAR R
268.	2021	Ph.D.	31-12-2021	12030	COMPUTER APPLICATION	Ms. SAHANA M R
269.	2021	Ph.D.	31-12-2021	12029	COMPUTER APPLICATION	BHAVESH KUMAR CHOUBISA
270.	2021	Ph.D.	31-12-2021	12028	COMPUTER APPLICATION	Ms. PRATIKSHA SUBBA
271.	2021	Ph.D.	31-12-2021	12118	PLANT GENETIC RESOURCES	Ms. MITHRAA T
272.	2021	Ph.D.	31-12-2021	12026	COMPUTER APPLICATION	SUBHASISH SARKAR
273.	2021	Ph.D.	31-12-2021	12036	ENTOMOLOGY	MAHENDRA K R
274.	2021	Ph.D.	31-12-2021	12019	BIOCHEMISTRY	Ms. DURGESHWARI PRABHAKAR GADPAYALE
275.	2021	Ph.D.	31-12-2021	12018	BIOCHEMISTRY	GAMPA MALLESH
276.	2021	Ph.D.	31-12-2021	12017	BIOCHEMISTRY	KANGKAN PANDIT
277.	2021	Ph.D.	31-12-2021	12016	BIOCHEMISTRY	TAMIL SELVAN S
278.	2021	Ph.D.	31-12-2021	12015	BIOCHEMISTRY	Ms. SUSHMITHA J
279.	2021	Ph.D.	31-12-2021	12014	BIOCHEMISTRY	DEBDUT MANNA
280.	2021	Ph.D.	31-12-2021	12027	COMPUTER APPLICATION	HARSH SACHAN
281.	2021	Ph.D.	31-12-2021	12121	PLANT GENETIC RESOURCES	SIVAKUMAR A
282.	2021	Ph.D.	31-12-2021	12134	PLANT PATHOLOGY	Ms. NATASHA KASHYAP
283.	2021	Ph.D.	31-12-2021	12135	PLANT PATHOLOGY	PEACE PANMEI
284.	2021	Ph.D.	31-12-2021	12136	PLANT PATHOLOGY	KARIYAPPA R CHOUDAKER
285.	2021	Ph.D.	31-12-2021	12137	PLANT PATHOLOGY	DEEP NARAYAN MISHRA
286.	2021	Ph.D.	31-12-2021	12117	PLANT GENETIC RESOURCES	SANDIP KUMAR PANIGRAHI
287.	2021	Ph.D.	31-12-2021	12115	NEMATOLOGY	Ms. MANSI
288.	2021	Ph.D.	31-12-2021	12034	ENTOMOLOGY	RAKESH V
289.	2021	Ph.D.	31-12-2021	12106	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SHAHINA PERWEEN
290.	2021	Ph.D.	31-12-2021	12035	ENTOMOLOGY	Ms. KALYANAM SAI ISHWARYA LAKSHMI
291.	2021	Ph.D.	31-12-2021	12122	PLANT GENETIC RESOURCES	PRAVEEN GUMACHANAMARDI
292.	2021	Ph.D.	31-12-2021	12040	ENTOMOLOGY	BISWAMITRA REANG
293.	2021	Ph.D.	31-12-2021	12039	ENTOMOLOGY	Ms. SHASHIKALA M
294.	2021	Ph.D.	31-12-2021	12038	ENTOMOLOGY	B V JAYANTH
295.	2021	Ph.D.	31-12-2021	12042	ENVIRONMENTAL SCIENCES	Ms. BABETLANG KHARSHIING
296.	2021	Ph.D.	31-12-2021	12037	ENTOMOLOGY	Ms. NANDHINI D.
297.	2021	Ph.D.	31-12-2021	12133	PLANT PATHOLOGY	SAMRAT PAUL
298.	2021	Ph.D.	31-12-2021	12119	PLANT GENETIC RESOURCES	MALLIKARJUN BIRADAR
299.	2021	Ph.D.	31-12-2021	12055	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. KURABALAKOTA MADHAVI
300.	2021	Ph.D.	31-12-2021	12066	FRUIT SCIENCE	PARTH JANARDHAN JADHAV
301.	2021	Ph.D.	31-12-2021	12065	FRUIT SCIENCE	AJAY KUMAR
302.	2021	Ph.D.	31-12-2021	12064	FRUIT SCIENCE	Ms. SHIKHA SAINI
303.	2021	Ph.D.	31-12-2021	12050	FLORICULTURE AND LANDSCAPE ARCHITECTURE	DEVARAI LAVA KUMAR
304.	2021	Ph.D.	31-12-2021	12051	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. EDIGA AMALA

305.	2021	Ph.D.	31-12-2021	12052	FLORICULTURE AND LANDSCAPE ARCHITECTURE	SHREEKANT
306.	2021	Ph.D.	31-12-2021	12063	FRUIT SCIENCE	Ms. SHIKHA JAIN
307.	2021	Ph.D.	31-12-2021	12054	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. CHANDANA SHIVASWAMY
308.	2021	Ph.D.	31-12-2021	12089	GENETICS AND PLANT BREEDING	BHASKAR CHANDRA SAHOO
309.	2021	Ph.D.	31-12-2021	12180	VEGETABLE SCIENCE	Ms. GAYATRI BHIMAPPA KUDARI
310.	2021	Ph.D.	31-12-2021	12181	VEGETABLE SCIENCE	Ms. GEETA P KARIGAR
311.	2021	Ph.D.	31-12-2021	12182	VEGETABLE SCIENCE	VARUN B H
312.	2021	Ph.D.	31-12-2021	12183	VEGETABLE SCIENCE	SIDDESH S
313.	2021	Ph.D.	31-12-2021	12184	VEGETABLE SCIENCE	NISHANT
314.	2021	Ph.D.	31-12-2021	12185	VEGETABLE SCIENCE	Ms. NEHA SHARMA
315.	2021	Ph.D.	31-12-2021	12109	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	KUMAR NUPUR HRISHIKESHAN
316.	2021	Ph.D.	31-12-2021	12053	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. CHAITRA K
317.	2021	Ph.D.	31-12-2021	12082	GENETICS AND PLANT BREEDING	SHRIDHAR RAGI
318.	2021	Ph.D.	31-12-2021	12069	FRUIT SCIENCE	RAVI VENKANNA BABU MADDELA
319.	2021	Ph.D.	31-12-2021	12074	GENETICS AND PLANT BREEDING	SHASHIDHAR B R
320.	2021	Ph.D.	31-12-2021	12075	GENETICS AND PLANT BREEDING	REVANTH RAGUL, A
321.	2021	Ph.D.	31-12-2021	12076	GENETICS AND PLANT BREEDING	KYADA AMITKUMAR DILIPBHAI
322.	2021	Ph.D.	31-12-2021	12077	GENETICS AND PLANT BREEDING	JAYANTH KALLUGUDI
323.	2021	Ph.D.	31-12-2021	12078	GENETICS AND PLANT BREEDING	ARVINTH S
324.	2021	Ph.D.	31-12-2021	12079	GENETICS AND PLANT BREEDING	UTTARAYAN DASGUPTA
325.	2021	Ph.D.	31-12-2021	12067	FRUIT SCIENCE	ADITYA DNYANESHWAR INGOLE
326.	2021	Ph.D.	31-12-2021	12081	GENETICS AND PLANT BREEDING	BOTTA THANDAVA GANESH
327.	2021	Ph.D.	31-12-2021	12049	FLORICULTURE AND LANDSCAPE ARCHITECTURE	PANCHAL SANGMESH
328.	2021	Ph.D.	31-12-2021	12083	GENETICS AND PLANT BREEDING	AAVULA NAVEEN
329.	2021	Ph.D.	31-12-2021	12084	GENETICS AND PLANT BREEDING	SUBHASH BIJARANIA
330.	2021	Ph.D.	31-12-2021	12085	GENETICS AND PLANT BREEDING	NIRMALARUBAN R
331.	2021	Ph.D.	31-12-2021	12086	GENETICS AND PLANT BREEDING	Ms. BEERA BHAVYA
332.	2021	Ph.D.	31-12-2021	12087	GENETICS AND PLANT BREEDING	PAVAN KUMAR NAIK N
333.	2021	Ph.D.	31-12-2021	12088	GENETICS AND PLANT BREEDING	Ms. SAHANA POLICE PATIL
334.	2021	Ph.D.	31-12-2021	12061	FRUIT SCIENCE	BHUPENDRA SAGORE
335.	2021	Ph.D.	31-12-2021	12080	GENETICS AND PLANT BREEDING	Ms. ONTEDDU RESHMA
336.	2021	Ph.D.	31-12-2021	12105	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. SOWMYAPRIYA R
337.	2021	Ph.D.	31-12-2021	12101	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. REKHA MAHATO
338.	2021	Ph.D.	31-12-2021	12102	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. MEENA S
339.	2021	Ph.D.	31-12-2021	12103	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. MAHI BAANIYA
340.	2021	Ph.D.	31-12-2021	12104	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. ALVAKONDA SHEENA SABATINA
341.	2021	Ph.D.	31-12-2021	12044	ENVIRONMENTAL SCIENCES	SHEMEEM SHAH P
342.	2021	Ph.D.	31-12-2021	12043	ENVIRONMENTAL SCIENCES	Ms. POOJA L R
343.	2021	Ph.D.	31-12-2021	12186	VEGETABLE SCIENCE	SAROJ KUMAR SAHU

344.	2021	Ph.D.	31-12-2021	12059	FLORICULTURE AND LANDSCAPE ARCHITECTURE	VEERESH
345.	2021	Ph.D.	31-12-2021	12098	MICROBIOLOGY	Ms. KHUARTI DEBBARMA
346.	2021	Ph.D.	31-12-2021	12068	FRUIT SCIENCE	Ms. POONAM MAURYA
347.	2021	Ph.D.	31-12-2021	12108	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Ms. ANINDITA BARUA
348.	2021	Ph.D.	31-12-2021	12187	VEGETABLE SCIENCE	AMIT KUMAR SINGH
349.	2021	Ph.D.	31-12-2021	12110	NEMATOLOGY	LALSON WESLY J
350.	2021	Ph.D.	31-12-2021	12111	NEMATOLOGY	VENKADESH G
351.	2021	Ph.D.	31-12-2021	12112	NEMATOLOGY	Ms. SWATHI KARTHIKA K S
352.	2021	Ph.D.	31-12-2021	12113	NEMATOLOGY	Ms. KATAKAM RUPINI KRISHNA
353.	2021	Ph.D.	31-12-2021	12013	BIOCHEMISTRY	Ms. DEEPANYETA GOSWAMI
354.	2021	Ph.D.	31-12-2021	12092	MICROBIOLOGY	Ms. SONAM PRIYADARSHANI
355.	2021	Ph.D.	31-12-2021	12060	FRUIT SCIENCE	MUKESH SHIVRAN
356.	2021	Ph.D.	31-12-2021	12048	ENVIRONMENTAL SCIENCES	VIPUL KUMAR
357.	2021	Ph.D.	31-12-2021	12047	ENVIRONMENTAL SCIENCES	Ms. KOKILA
358.	2021	Ph.D.	31-12-2021	12046	ENVIRONMENTAL SCIENCES	MAYANK TIWARI
359.	2021	Ph.D.	31-12-2021	12188	VEGETABLE SCIENCE	RESHAV NAIK
360.	2021	Ph.D.	31-12-2021	12189	VEGETABLE SCIENCE	PYLA SURESH
361.	2021	Ph.D.	31-12-2021	12190	VEGETABLE SCIENCE	Ms. ANGELA ROLUAHPUII
362.	2021	Ph.D.	31-12-2021	12100	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MACHINDRA SUDHIR NIRGUDE
363.	2021	Ph.D.	31-12-2021	12091	MICROBIOLOGY	Ms. PRIYA M
364.	2021	Ph.D.	31-12-2021	12099	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	ASHFAK SIRAJMAHAMMAD MUJAWAR
365.	2021	Ph.D.	31-12-2021	12093	MICROBIOLOGY	SAGAR S P
366.	2021	Ph.D.	31-12-2021	12094	MICROBIOLOGY	Ms. VIJAYSRI D
367.	2021	Ph.D.	31-12-2021	12045	ENVIRONMENTAL SCIENCES	Ms. ANUSHA B S
368.	2021	Ph.D.	31-12-2021	12095	MICROBIOLOGY	ARAVINDHARAJAN S T M
369.	2021	Ph.D.	31-12-2021	12096	MICROBIOLOGY	Ms. KAVYA T
370.	2021	Ph.D.	31-12-2021	12097	MICROBIOLOGY	NYSANTH NS
371.	2021	Ph.D.	31-12-2021	12114	NEMATOLOGY	MALLIKARJUN GURRAM
372.	2021	Ph.D.	31-12-2021	12191	VEGETABLE SCIENCE	Ms. RAMYA S
373.	2021	Ph.D.	31-12-2021	12196	WATER SCIENCE AND TECHNOLOGY	Ms. BASARAVENI GOUTHAMI
374.	2021	Ph.D.	31-12-2021	12193	VEGETABLE SCIENCE	Ms. GOWTHAMI
375.	2021	Ph.D.	31-12-2021	11963	AGRICULTURAL ENGINEERING	Ms. SRINIDHI G
376.	2021	Ph.D.	31-12-2021	11962	AGRICULTURAL ENGINEERING	ABHISHEK UPADHYAY
377.	2021	Ph.D.	31-12-2021	11954	AGRICULTURAL ENGINEERING	Ms. SHWETA F MANIK
378.	2021	Ph.D.	31-12-2021	11953	AGRICULTURAL ENGINEERING	AMAN KUMAR
379.	2021	Ph.D.	31-12-2021	12200	WATER SCIENCE AND TECHNOLOGY	VIGNESH PALANIVEL
380.	2021	Ph.D.	31-12-2021	11965	AGRICULTURAL ENGINEERING	RAVI KUMAR SAHU
381.	2021	Ph.D.	31-12-2021	12198	WATER SCIENCE AND TECHNOLOGY	ADITYA V MACHNOOR
382.	2021	Ph.D.	24-01-2022	11970	AGRICULTURAL ENGINEERING	Ms. DARA ROOHA BLESSY
383.	2021	Ph.D.	31-12-2021	12165	SEED SCIENCE AND TECHNOLOGY	Ms. ANGOTH GOUTHAMI
384.	2021	Ph.D.	31-12-2021	12164	SEED SCIENCE AND TECHNOLOGY	Ms. SUSHMITHA C H
385.	2021	Ph.D.	31-12-2021	12163	SEED SCIENCE AND TECHNOLOGY	Ms. MILU HERBERT

386.	2021	Ph.D.	31-12-2021	12162	SEED SCIENCE AND TECHNOLOGY	BHANU VERMA
387.	2021	Ph.D.	31-12-2021	12161	SEED SCIENCE AND TECHNOLOGY	Ms. HEENA KOUSER H M
388.	2021	Ph.D.	31-12-2021	12160	SEED SCIENCE AND TECHNOLOGY	Ms. SUSHMA M K
389.	2021	Ph.D.	31-12-2021	12159	SEED SCIENCE AND TECHNOLOGY	ANBALAGAN A
390.	2021	Ph.D.	31-12-2021	12199	WATER SCIENCE AND TECHNOLOGY	AMARPREET SINGH
391.	2021	Ph.D.	31-12-2021	12056	FLORICULTURE AND LANDSCAPE ARCHITECTURE	LALDUHSANGA
392.	2021	Ph.D.	31-12-2021	12153	POST HARVEST MANAGEMENT	Ms. BRUNDA N B
393.	2021	Ph.D.	31-12-2021	12151	POST HARVEST MANAGEMENT	ASHWIJA B N
394.	2021	Ph.D.	20-01-2022	12226	POST HARVEST MANAGEMENT	ROHIT KUMAR
395.	2021	Ph.D.	31-12-2021	12195	VEGETABLE SCIENCE	Ms. PASUPULA KARISHMA
396.	2021	Ph.D.	31-12-2021	12194	VEGETABLE SCIENCE	MAHEBUB
397.	2021	Ph.D.	31-12-2021	12192	VEGETABLE SCIENCE	Ms. SULOCHANA K.H
398.	2021	Ph.D.	31-12-2021	11964	AGRICULTURAL ENGINEERING	BHUPENDRA GHRITALAHRE
399.	2021	Ph.D.	31-12-2021	12057	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. MAYA PRIYA
400.	2021	Ph.D.	31-12-2021	12156	SEED SCIENCE AND TECHNOLOGY	VIKRAM V PATIL
401.	2021	Ph.D.	31-12-2021	12073	FRUIT SCIENCE	KIRAN K N
402.	2021	Ph.D.	31-12-2021	12072	FRUIT SCIENCE	Ms. MEGHA M
403.	2021	Ph.D.	31-12-2021	12071	FRUIT SCIENCE	Ms. SONAM MEENA
404.	2021	Ph.D.	31-12-2021	12070	FRUIT SCIENCE	SHIVAM
405.	2021	Ph.D.	31-12-2021	11974	AGRICULTURAL ENGINEERING	UMASHANKER
406.	2021	Ph.D.	31-12-2021	11973	AGRICULTURAL ENGINEERING	SURJEET SINGH ADILE
407.	2021	Ph.D.	31-12-2021	11972	AGRICULTURAL ENGINEERING	AMIT PRASAD
408.	2021	Ph.D.	31-12-2021	12058	FLORICULTURE AND LANDSCAPE ARCHITECTURE	Ms. PRIYA BHUSARADDI
409.	2021	Ph.D.	31-12-2021	12145	POST HARVEST MANAGEMENT	SAJEEL AHAMAD
410.	2021	Ph.D.	31-12-2021	12140	PLANT PHYSIOLOGY	SK RABIUL ALAM
411.	2021	Ph.D.	31-12-2021	12139	PLANT PHYSIOLOGY	Ms. NIDHI CHATURVEDI
412.	2021	Ph.D.	31-12-2021	12138	PLANT PHYSIOLOGY	SINTO ANTOO
413.	2021	Ph.D.	31-12-2021	12150	POST HARVEST MANAGEMENT	GANESH KUMAR CHOUPDAR
414.	2021	Ph.D.	31-12-2021	12149	POST HARVEST MANAGEMENT	THIPPESWAMY B
415.	2021	Ph.D.	31-12-2021	12148	POST HARVEST MANAGEMENT	Ms. SINDHU P M
416.	2021	Ph.D.	31-12-2021	12158	SEED SCIENCE AND TECHNOLOGY	ROHIT CHANDI
417.	2021	Ph.D.	31-12-2021	12146	POST HARVEST MANAGEMENT	T S HANUMESH GOWDA
418.	2021	Ph.D.	31-12-2021	12143	PLANT PHYSIOLOGY	Ms. ASHA SASTYA
419.	2021	Ph.D.	31-12-2021	12123	PLANT GENETIC RESOURCES	KRISHNAMOORTH I A
420.	2021	Ph.D.	31-12-2021	11939	AGRICULTURAL CHEMICALS	RANJEET KUMAR
421.	2021	Ph.D.	31-12-2021	11938	AGRICULTURAL CHEMICALS	SUMIT SHEKHAR
422.	2021	Ph.D.	31-12-2021	11937	AGRICULTURAL CHEMICALS	Ms. RENU
423.	2021	Ph.D.	31-12-2021	11936	AGRICULTURAL CHEMICALS	SHYAM KUMAR GUPTA
424.	2021	Ph.D.	31-12-2021	11935	AGRICULTURAL CHEMICALS	ANIRBAN SIL
425.	2021	Ph.D.	31-12-2021	12041	ENTOMOLOGY	Ms. AARTHI HELEN P
426.	2021	Ph.D.	31-12-2021	12147	POST HARVEST MANAGEMENT	Ms. KEERTHANA DAS
427.	2021	Ph.D.	31-12-2021	12172	SOIL SCIENCE	DEBRUP GHOSH

428.	2021	Ph.D.	21-03-2022	12231	WATER SCIENCE AND TECHNOLOGY	LIKI ETE
429.	2021	Ph.D.	31-12-2021	12155	SEED SCIENCE AND TECHNOLOGY	Ms. PAYAL MATHUR
430.	2021	Ph.D.	31-12-2021	12179	SOIL SCIENCE	RIAJ RAHAMAN
431.	2021	Ph.D.	31-12-2021	12178	SOIL SCIENCE	Ms. MANJU KUMARI
432.	2021	Ph.D.	31-12-2021	12177	SOIL SCIENCE	SIYARAM MEENA
433.	2021	Ph.D.	31-12-2021	12176	SOIL SCIENCE	Ms. SWARNASHREE BARMAN
434.	2021	Ph.D.	31-12-2021	12175	SOIL SCIENCE	Ms. KALYANI VISHWAS PATIL
435.	2021	Ph.D.	31-12-2021	12141	PLANT PHYSIOLOGY	RAMESH R
436.	2021	Ph.D.	31-12-2021	12173	SOIL SCIENCE	PRABHAKAR PRASAD BARNWAL
437.	2021	Ph.D.	31-12-2021	12142	PLANT PHYSIOLOGY	ANIMIREDDY CHINA MALAKONDAIAH
438.	2021	Ph.D.	31-12-2021	12171	SOIL SCIENCE	ANSHUMAN PATEL
439.	2021	Ph.D.	31-12-2021	12170	SOIL SCIENCE	SHARAT KOTHARI
440.	2021	Ph.D.	31-12-2021	12169	SOIL SCIENCE	Ms. SAPTAPARNEE DEY
441.	2021	Ph.D.	31-12-2021	12168	SOIL SCIENCE	ARHAM TATER
442.	2021	Ph.D.	31-12-2021	12166	SOIL SCIENCE	RAVI SAINI
443.	2021	Ph.D.	31-12-2021	12144	PLANT PHYSIOLOGY	SOLAIYAAN M
444.	2021	Ph.D.	31-12-2021	12157	SEED SCIENCE AND TECHNOLOGY	MALLANNA
445.	2021	Ph.D.	31-12-2021	12174	SOIL SCIENCE	Ms. CHINMAYEE BEHERA
446.	2021	Ph.D.	31-12-2021	11978	AGRICULTURAL EXTENSION	Ms. ADUPA SHANMUKA
447.	2021	Ph.D.	21-03-2022	12229	POST HARVEST MANAGEMENT	NITHIN GOWDA T K
448.	2021	Ph.D.	31-12-2021	11985	AGRICULTURAL PHYSICS	TARUN KUMAR
449.	2021	Ph.D.	31-12-2021	11984	AGRICULTURAL EXTENSION	Ms. SETTIPALLI SRAVANI
450.	2021	Ph.D.	31-12-2021	11983	AGRICULTURAL EXTENSION	Ms. SEEMA KUJUR
451.	2021	Ph.D.	31-12-2021	11982	AGRICULTURAL EXTENSION	CHHANDA CHARANA MAHANANDA
452.	2021	Ph.D.	31-12-2021	11981	AGRICULTURAL EXTENSION	Ms. GUDLA MANICHANDANA
453.	2021	Ph.D.	31-12-2021	11944	AGRICULTURAL ECONOMICS	Ms. DIPANSHI AGARWAL
454.	2021	Ph.D.	31-12-2021	11979	AGRICULTURAL EXTENSION	SAURABH TIWARI
455.	2021	Ph.D.	31-12-2021	11988	AGRICULTURAL PHYSICS	BIBHUTI BHUSAN SETHI
456.	2021	Ph.D.	31-12-2021	11977	AGRICULTURAL EXTENSION	AMANDEEP RANJAN
457.	2021	Ph.D.	31-12-2021	11976	AGRICULTURAL EXTENSION	Ms. SWEETY MUKHERJEE
458.	2021	Ph.D.	31-12-2021	11975	AGRICULTURAL EXTENSION	Ms. KOTHA SHRAVANI REDDY
459.	2021	Ph.D.	31-12-2021	11948	AGRICULTURAL ECONOMICS	Ms. SEEMA ARYA
460.	2021	Ph.D.	31-12-2021	11947	AGRICULTURAL ECONOMICS	Ms. HARITHA K
461.	2021	Ph.D.	31-12-2021	11946	AGRICULTURAL ECONOMICS	ARUN D
462.	2021	Ph.D.	21-03-2022	12228	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	KANISHK MILIND DIWEKAR
463.	2021	Ph.D.	31-12-2021	11980	AGRICULTURAL EXTENSION	FATHEEN ABRAR P N
464.	2021	Ph.D.	31-12-2021	11995	AGRICULTURAL STATISTICS	KAUSHAL KUMAR YADAV
465.	2021	Ph.D.	31-12-2021	12025	BIOINFORMATICS	Ms. RAGINI KUSHWAHA
466.	2021	Ph.D.	31-12-2021	12024	BIOINFORMATICS	SNEHASIS MALLIK
467.	2021	Ph.D.	31-12-2021	12023	BIOINFORMATICS	SHIVADARSHAN SHRISHAIL JIRLI
468.	2021	Ph.D.	31-12-2021	12022	BIOINFORMATICS	LAL DHARI PATEL
469.	2021	Ph.D.	31-12-2021	12021	BIOINFORMATICS	ASIF ALI V K
470.	2021	Ph.D.	31-12-2021	11999	AGRICULTURAL STATISTICS	HARISH NAYAK G H
471.	2021	Ph.D.	31-12-2021	11998	AGRICULTURAL STATISTICS	VEERSHETTY

472.	2021	Ph.D.	31-12-2021	11986	AGRICULTURAL PHYSICS	Ms. SAILJA RASTOGI
473.	2021	Ph.D.	31-12-2021	11996	AGRICULTURAL STATISTICS	PRAVEENKUMAR
474.	2021	Ph.D.	31-12-2021	11987	AGRICULTURAL PHYSICS	ABHRADIP SARKAR
475.	2021	Ph.D.	31-12-2021	11994	AGRICULTURAL STATISTICS	ASHUTOSH DALAL
476.	2021	Ph.D.	31-12-2021	11993	AGRICULTURAL STATISTICS	Ms. MUHSINA A
477.	2021	Ph.D.	31-12-2021	11992	AGRICULTURAL STATISTICS	B.MANJUNATHA
478.	2021	Ph.D.	31-12-2021	11991	AGRICULTURAL STATISTICS	Ms. TAMILSELVI C
479.	2021	Ph.D.	31-12-2021	11990	AGRICULTURAL PHYSICS	SUGAVANESHWARAN
480.	2021	Ph.D.	31-12-2021	11989	AGRICULTURAL PHYSICS	Ms. AKSHITA TOMAR
481.	2021	Ph.D.	31-12-2021	11943	AGRICULTURAL ECONOMICS	PAVANA B A
482.	2021	Ph.D.	31-12-2021	11997	AGRICULTURAL STATISTICS	MANOJ VARMA
483.	2021	Ph.D.	31-12-2021	11955	AGRICULTURAL ENGINEERING	Ms. SOUMYA KRISHNAN V
484.	2021	Ph.D.	31-12-2021	11967	AGRICULTURAL ENGINEERING	RONGALI MAHESH
485.	2021	Ph.D.	31-12-2021	11966	AGRICULTURAL ENGINEERING	RUPESH KUMAR
486.	2021	Ph.D.	31-12-2021	11961	AGRICULTURAL ENGINEERING	Ms. SARIKONDA LEELA JYOTHI
487.	2021	Ph.D.	31-12-2021	11960	AGRICULTURAL ENGINEERING	MAYANGLAMBAM AARBINDRO SINGH
488.	2021	Ph.D.	31-12-2021	11959	AGRICULTURAL ENGINEERING (Farm Machinery & Power Engineering)	PAWAN KUMAR
489.	2021	Ph.D.	31-12-2021	11958	AGRICULTURAL ENGINEERING	VIKRAM NETAM
490.	2021	Ph.D.	31-12-2021	11945	AGRICULTURAL ECONOMICS	RAJ RATAN PANDAY
491.	2021	Ph.D.	31-12-2021	11956	AGRICULTURAL ENGINEERING	ARUNA T N
492.	2021	Ph.D.	31-12-2021	11971	AGRICULTURAL ENGINEERING	ADARSHA GOPALAKRISHNA BHAT
493.	2021	Ph.D.	31-12-2021	11952	AGRICULTURAL ENGINEERING	Ms. RAMYA C S
494.	2021	Ph.D.	31-12-2021	11951	AGRICULTURAL ENGINEERING	MONPARA MILAN CHANDULAL
495.	2021	Ph.D.	31-12-2021	11950	AGRICULTURAL ENGINEERING	Ms. PARVATHY NAYANA N
496.	2021	Ph.D.	31-12-2021	11949	AGRICULTURAL ENGINEERING	BHASKAR DADASO CHOUGALE
497.	2021	Ph.D.	31-12-2021	11940	AGRICULTURAL CHEMICALS	BISWAJIT HORIJAN
498.	2021	Ph.D.	21-03-2022	12227	FRUIT SCIENCE	SHUBHAM JAGGA
499.	2021	Ph.D.	17-01-2022	12225	BIOINFORMATICS	Ms. CHANDANA V
500.	2021	Ph.D.	31-12-2021	11957	AGRICULTURAL ENGINEERING	PRAJWAL R
501.	2021	Ph.D.	31-12-2021	12005	AGRONOMY	SANKETH G D
502.	2021	Ph.D.	31-12-2021	11942	AGRICULTURAL ECONOMICS	Ms. SOUMYA CHEELA
503.	2021	Ph.D.	31-12-2021	11941	AGRICULTURAL ECONOMICS	Ms. ARYAKRISHNAN J U
504.	2021	Ph.D.	31-12-2021	12012	AGRONOMY	SHASHANK PATEL
505.	2021	Ph.D.	31-12-2021	12011	AGRONOMY	SHITAL KUMAR
506.	2021	Ph.D.	31-12-2021	12010	AGRONOMY	DEEPAK KUMAR MEENA
507.	2021	Ph.D.	31-12-2021	12009	AGRONOMY	Ms. ANAMIKA BARMAN
508.	2021	Ph.D.	31-12-2021	12008	AGRONOMY	Ms. MANEESHA
509.	2021	Ph.D.	31-12-2021	11968	AGRICULTURAL ENGINEERING	CHAVDA DHAVALKUMAR RANCHHODDBHAI
510.	2021	Ph.D.	31-12-2021	12006	AGRONOMY	Ms. SWETALEENA MAHANA
511.	2021	Ph.D.	31-12-2021	11969	AGRICULTURAL ENGINEERING	MANABRAJ MANNA
512.	2021	Ph.D.	31-12-2021	12004	AGRONOMY	Ms. KAJAL ARORA
513.	2021	Ph.D.	31-12-2021	12003	AGRONOMY	AKSHAY GLOTRA
514.	2021	Ph.D.	31-12-2021	12002	AGRONOMY	SACHIN SINGH
515.	2021	Ph.D.	31-12-2021	12001	AGRONOMY	SRIKANTH REDDY KALWALA

516.	2021	Ph.D.	31-12-2021	12000	AGRONOMY	Ms. PRIYANKA SAHA
517.	2021	Ph.D.	17-01-2022	12224	AGRICULTURAL ENGINEERING	Ms. SHUBHANGI GORAKHNATH NILE
518.	2021	Ph.D.	21-03-2022	12230	SOIL SCIENCE	Ms. RITAMBHARA
519.	2021	Ph.D.	31-12-2021	12007	AGRONOMY	GANESH PATEL

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. ICAR-IARI/Dte-PGS-I/1-2/2022-AC(417)

October 6, 2022

ENDORSEMENT

A copy of the proceedings of the 417th meeting of the Academic Council held on 27th August, 2022 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council (By name _____)
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Master of Halls of Residences, P.G. Hostels
5. Sr. Admn. Officer, IMC (For members of Board of Management)
6. PS to Director/PS to Dean & Joint Director (Edn.), IARI/PS to Registrar/PS to Comptroller
7. Technical Assistants, P G School (IT Cell/Stats. Cell)
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I

|
P/Kumar
(Pushpendra Kumar)
Sr Registrar

PROCEEDINGS OF THE 417th MEETING OF THE ACADEMIC COUNCIL (Online Mode) HELD ON AUGUST 27, 2022 AT 10.30 AM AT IARI, NEW DELHI - 110012

The following members attended online meeting:

1. Dr. A.K. Singh, Director, IARI	Chairman
2. Dr. (Ms.) Rashmi Aggarwal, Dean & JD (Edn.) (Additional Charge)	Vice Chairperson
3. Dr. R.C. Agrawal, Deputy Director General (Edn.), ICAR	Member
4. Prof.B. D. Singh, Professor Emeritus, BHU, Varanasi	Member
5. Dr. C. Devakumar, Former ADG, ICAR	Member
6. Dr. V.V. Sadamate, Former Advisor, Agriculture (Planning Commission)	Member
7. Dr. V.S. Tomar, Former Vice-Chancellor, JNKVV, Jabalpur	Member
8. Dr. B.S. Tomar, JD (Extn.) and Head, Veg. Science (Additional Charge)	Member
9. Dr. C. Viswanathan, Joint Director (Res.) (Additional Charge) and Professor, Plant Physiology	Member
10. Dr. Rajender Parsad, Director, IASRI	Member
11. Dr. Ajit Kumar Shasany, Director, NIPB	Member
12. Dr. Ashok Kumar, Director, NBPGR (Additional Charge)	Member
13. Dr. C.R. Mehta, Director, CIAE, Bhopal	Member
14. Dr. P.K. Ghosh, Director, NIBSM, Raipur	Member
15. Dr. Arunava Pattanayak, Director, IIAB, Ranchi	Member
16. Dr. Jagadish Rane, Director, NIASM, Baramati (Additional Charge)	Member
17. Dr. Debi Sharma, Director, IIHR, Bengaluru (Additional Charge)	Member
18. Dr. Man Singh, Project Director, WTC (Additional Charge) and Professor, WST	Member
19. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
20. Dr. (Ms.) Neera Singh, Professor, Agricultural Chemicals	Member
21. Dr. (Ms.) Alka Singh, Professor, Agricultural Economics	Member
22. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
23. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
24. Dr. (Ms.) P. Krishnan, Professor, Agricultural Physics	Member
25. Dr. (Ms.) Cini Varghese, Professor, Agricultural Statistics	Member
26. Dr. T.K. Das, Professor, Agronomy	Member
27. Dr. Anil Dahuja, Professor, Biochemistry	Member
28. Dr. Anil Rai, Professor, Bioinformatics	Member
29. Dr. (Ms.) Alka Arora, Professor, Computer Application	Member
30. Dr. (Ms.) Debjani Dey, Professor, Entomolgy	Member
31. Dr. D.K. Sharma, Professor, Environmental Science	Member
32. Dr. K.P. Singh, Professor, Floriculture and Landscaping	Member
33. Dr. Manish Srivastav, Professor, Fruit Science	Member
34. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
35. Dr. Sunil Pabbi, Professor, Microbiology	Member
36. Dr. Debasis Pattanayak, Professor, MBB	Member
37. Dr. M.R. Khan, Professor, Nematology	Member
38. Dr. (Ms.) Veena Gupta, Professor, PGR	Member
39. Dr. Robin Gogoi, Professor, Plant Pathology	Member
40. Dr. (Ms.) Monika Atul Joshi, Professor, SST	Member
41. Dr. S.P. Datta, Professor, SS&AC	Member
42. Dr. R.K. Yadav, Professor, Vegetable Science	Member
43. Dr. Anil Sirohi, Mater of Halls of Residences (MOHR)	Member
44. Shri. D.D. Verma, Sr. Comptroller	Member
45. Dr. Mahendra Kumar Verma, Principal Scientist, Fruit Science and Faculty Representative to the Academic Council	Member

46. Dr. Praveen Kumar Singh, Principal Scientist, Vegetable Science and Faculty Representative to the Academic Council	Member
47. Mr. Deep Chand, Incharge, IARI Library Services	Member
48. Mr. Shohaib Sheikh Ayub Chauhan, President PGSSU	Member
49. Mr. Sujay B.K., Students' Representative to the AC	Member
50. Mr. Pushpendra Kumar, Sr. Registrar	Member Secretary

Dr. Ram Asrey, Professor, Post Harvest Management could not attend the meeting.

Dr. (Ms.) Rashmi Aggarwal, Dean and Joint Director (Edn.) extended a formal welcome to Dr. A.K. Singh, Director, IARI and Chairman, Academic Council. Thereafter, Dr. A.K. Singh, Chairman of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. The Chairman also welcomed the new members of the Academic Council attending the meeting for the first time:

New members

1. Dr. C. Viswanathan, Joint Director (Res.) and Professor, Plant Physiology
2. Dr. Jagadish Rane, Director (Additional Charge), NIASM, Baramati
3. Dr. Sunil Pabbi, Professor, Microbiology
4. Dr. Dinesh Kumar Sharma, Professor, Environmental Science
5. Shri. D. D. Verma, Sr. Comptroller

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. H.Pathak, Director, NIASM, Baramati
2. Dr. Indra Mani, Joint Director (Res.)
3. Dr. Soora Naresh Kumar, Professor, Environmental Science
4. Dr. Madan Pal Singh, Professor, Plant Physiology
5. Dr. Radha Prasanna, Professor, Microbiology
6. Shri. V.R. Srinivasan, Comptroller

The following officials attended as Special Invitees:

1. Dr. Rajbir Yadav, Head, Genetics.
2. Dr. Vishal Nath, OSD and PG Coordinator, IARI, Jharkhand.
3. Dr. Khem Bahadur Pun, Former Principal Scientist and Nodal Officer, IARI Assam

Thereafter, the following agenda items were taken up for consideration:

Agenda Item No.	Description of Agenda Items
417.1	Confirmation of the proceedings of 416 th meeting of the Academic Council held on 10.02.2022 (online mode)
417.2	Action Taken Report on the proceedings of 416 th meeting of the Academic Council held on 10.02.2022 (online mode)
417.3	Consideration of the recommendations of the Standing Committee on Scholarship, Financial Assistance & Academic Progress made in its meeting held on 06.05.2022
417.4	Consideration of the recommendations of the Standing Committee on Faculty & Discipline made in its meetings held on 12.05.2022 and 17.05.2022
417.5	Consideration of BSMA approved Courses and Syllabi recommended by the Standing Committee on Courses and Curricula for implementation from 2022-23 academic session

417.6	Consideration of Introduction of UG Programme, Diploma and Certificate courses, initiation of Sandwich PhD programme, Self-financing scheme for Indian, foreign and non-Resident Indian students and International faculty
417.7	Consideration of revision in guidelines on Charge of Professorship as decided in HoDs meeting held on 07.05.2022
417.8	Consideration of Guidelines for Divisional Gold Medal Award proposal for Master and Doctoral students
417.9	Considerations of model MoU with SAUs, IRRI and other institutions
417.10	Finalization of number of seats for admission to B.Sc./B.Tech. M.Sc./M.Tech. and Ph.D. degree programmes at IARI, New Delhi and at outreach Institutions for the academic session 2022-23
417.11	Consideration of revision in guidelines of Institute Awards viz., (i) Best Women Scientist Award, (ii) NABARD Researcher of the Year Award, (iii) Dr. H.K. Jain Memorial Young Scientist Award and (iv) Dr. A.B. Joshi Memorial Award
417.12	Consideration of change of degree nomenclature of Agricultural Extension to Agricultural Extension Education as per the BSMA Recommendation

Agenda Item No. 417.1: Confirmation of the proceedings of the 416th meeting of the Academic Council held on 10.02.2022(Online Mode)

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 416th meeting. Since no comment was there, the proceedings of the previous meeting was confirmed by the house.

Agenda Item No. 417.2: Report on action taken on the proceedings of the 416th meeting of the Academic Council held on 10.02.2022 (Online Mode)

Dean and Joint Director(Education) presented the action taken report which was approved by the house.

Agenda Item No. 417.3 Consideration of the proceedings of the meeting of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its Meeting held on 06.05.2022

The Academic Council ratified the decision of Chairman, Academic Council on disbursement of Scholarship/Fellowship as per the following recommendation of Standing Committee.

417.3.1 During the Academic Session 2021-22, a total number of 285 candidates were admitted to Ph.D. degree programme under different Schemes at IARI and IARI PG Outreach Institutes. Five (5) students discontinued the programme and hence removed from the rolls of the P.G. School. The applications/undertakings/proforma of all the students (Ph.D. and M.Sc./M.Tech.) completed in all respects, forwarded by the Professors/Director of concerned Institutes and also checked and verified by the PGS-II Section.

1. The rate and tenure of Fellowship as per the ICAR *i.e.*, Rs. 31,000 for the first two years and Rs. 35000 for the third year, contingency of Rs. 10000/p.a. and maximum duration of fellowship is only for three years as per the terms and conditions of ICAR SRFs.
2. As per P.G. School Calendar para 15.3.3 and 15.3.5, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. The payment of

Scholarship/Fellowship shall be reviewed at the end of 2nd Semester and only those students will be permitted to continue getting fellowship who maintain the OGPA of 6.50 out of 10.00 at the end of 2nd Semester (*Commencement of the Academic Year 2021-22 is 03.01.2022*).

3. 148 students enrolled at IARI, New Delhi, CIAE Bhopal and IIHR Bengaluru who are awarded/eligible for ICAR-JRF/SRF @Rs.31000/-per month for first two years and @ Rs.35,000/- per month for third year + Rs.10,000/- as Contingent grant per annum will get their Fellowship from ICAR.

LIST OF STUDENTS ENROLLED AT IARI, NEW DELHI IN Ph.D. PROGRAMME DURING THE ACADEMIC SESSION 2021-2022 & ELIGIBLE FOR ICAR-JRF @ Rs. 31000/- P.M. WITH CONTINGENCY @ Rs. 10000/-P.A.				
S. No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE_ENROL
1.	11941	ARYAKRISHNAN J U	AGRICULTURAL ECONOMICS	31/12/2021
2.	11942	SOUMYA CHEELA	-do-	31/12/2021
3.	11943	PAVANA B A	-do-	31/12/2021
4.	11944	DIPANSHI AGARWAL	-do-	31/12/2021
5.	11945	RAJ RATAN PANDAY	-do-	31/12/2021
6.	11948	SEEMA ARYA	-do-	31/12/2021
7.	11949	BHASKAR DADASO CHOUGALE	AGRICULTURAL ENGINEERING (PFE)	31/12/2021
8.	11950	PARVATHY NAYANA N	-do-	31/12/2021
9.	11951	MONPARA MILAN CHANDULAL	-do-	31/12/2021
10.	11952	RAMYA C S	-do-	31/12/2021
11.	11954	SHWETA F MANIK	-do-	31/12/2021
12.	11955	SOUMYA KRISHNAN V	AGRICULTURAL ENGINEERING ((FMPE)	31/12/2021
13.	11958	VIKRAM NETAM	-do-	31/12/2021
14.	11960	MAYANGLAMBAM AARBINDRO SINGH	-do-	31/12/2021
15.	11966	RUPESH KUMAR	AGRICULTURAL ENGINEERING (SWCE)	31/12/2021
16.	11969	MANABRAJ MANNA	-do-	31/12/2021
17.	11970	DARA ROOHA BLESSY	-do-	24/01/2022
18.	11971	ADARSHA GOPALAKRISHNA BHAT	-do-	31/12/2021
19.	11974	UMASHANKER	-do-	31/12/2021
20.	11975	KOTHA SHRAVANI REDDY	-do-	31/12/2021
21.	11976	SWEETY MUKHERJEE	-do-	31/12/2021
22.	11977	AMANDEEP RANJAN	-do-	31/12/2021
23.	11978	ADUPA SHANMUKA	-do-	31/12/2021
24.	11979	SAURABH TIWARI	-do-	31/12/2021
25.	11981	GUDLA MANICHANDANA	-do-	31/12/2021
26.	11982	CHHANDA CHARANA MAHANANDA	-do-	31/12/2021
27.	11983	SEEMA KUJUR	-do-	31/12/2021
28.	11984	SETTIPALLI SRAVANI	-do-	31/12/2021
29.	11985	TARUN KUMAR	AGRICULTURAL PHYSICS	31/12/2021
30.	11991	TAMILSELVI C	AGRICULTURAL STATISTICS	31/12/2021
31.	11992	B.MANJUNATHA	-do-	31/12/2021
32.	11997	MANOJ VARMA	-do-	31/12/2021
33.	11999	HARISH NAYAK G H	-do-	31/12/2021
34.	12000	PRIYANKA SAHA	AGRONOMY	31/12/2021
35.	12001	SRIKANTH REDDY KALWALA	-do-	31/12/2021
36.	12002	SACHIN SINGH	-do-	31/12/2021
37.	12003	AKSHAY GLOTRA	-do-	31/12/2021

38.	12004	KAJAL ARORA	-do-	31/12/2021
39.	12005	SANKETH G D	-do-	31/12/2021
40.	12006	SWETALEENA MAHANA	-do-	31/12/2021
41.	12007	GANESH PATEL	-do-	31/12/2021
42.	12008	MANEESHA	-do-	31/12/2021
43.	12009	ANAMIKA BARMAN	-do-	31/12/2021
44.	12010	DEEPAK KUMAR MEENA	-do-	31/12/2021
45.	12011	SHITAL KUMAR	-do-	31/12/2021
46.	12012	SHASHANK PATEL	-do-	31/12/2021
47.	12013	DEEPANYETA GOSWAMI	BIOCHEMISTRY	31/12/2021
48.	12014	DEBDUT MANNA	-do-	31/12/2021
49.	12020	ARPITHA S R	-do-	31/12/2021
50.	12021	ASIF ALI V.K.	BIOINFORMATICS	31/12/2021
51.	12022	LAL DHARI PATEL	-do-	31/12/2021
52.	12024	SNEHASIS MALLIK	-do-	31/12/2021
53.	12026	SUBHASHISH SARKAR	COMPUTER APPLICATION	31/12/2021
54.	12027	HARSH SACHAN	-do-	31/12/2021
55.	12028	PRATIKSHA SUBBA	-do-	31/12/2021
56.	12032	CHAITANYA	ENTOMOLOGY	31/12/2021
57.	12033	RUDRA GOUDA	-do-	31/12/2021
58.	12034	RAKESH V	-do-	31/12/2021
59.	12035	KALYANAM SAI ISHWARYA LAKSHMI	-do-	31/12/2021
60.	12036	MAHENDRA K R	-do-	31/12/2021
61.	12037	NANDHINI D.	-do-	31/12/2021
62.	12039	SHASHIKALA M	-do-	31/12/2021
63.	12041	AARTHI HELEN P	-do-	31/12/2021
64.	12049	PANCHAL SANGMESH	FLORICULTURE AND LANDSCAPING	31/12/2021
65.	12050	DEVARAI LAVA KUMAR	-do-	31/12/2021
66.	12054	CHANDANA SHIVASWAMY	-do-	31/12/2021
67.	12056	LALDUHSANGA	-do-	31/12/2021
68.	12192	SULOCHANA K.H	VEGETABLE SCIENCE	31/12/2021
69.	12193	GOWTHAMI	-do-	31/12/2021
70.	12195	PASUPULA KARISHMA	-do-	31/12/2021
71.	12060	MUKESH SHIVRAN	FRUIT SCIENCE	31/12/2021
72.	12061	BHUPENDRA SAGORE	-do-	31/12/2021
73.	12063	SHIKHA JAIN	-do-	31/12/2021
74.	12064	SHIKHA SAINI	-do-	31/12/2021
75.	12065	AJAY KUMAR	-do-	31/12/2021
76.	12066	PARTH JANARDHAN JADHAV	-do-	31/12/2021
77.	12069	RAVI VENKANNA BABU MADDELA	-do-	31/12/2021
78.	12071	SONAM MEENA	-do-	31/12/2021
79.	12072	MEGHA M	-do-	31/12/2021
80.	12074	SHASHIDHAR BR	GENETICS AND PLANT BREEDING	31/12/2021
81.	12075	REVANTH RAGUL A	-do-	31/12/2021
82.	12076	KYADA AMITKUMAR DILIPBHAI	-do-	31/12/2021
83.	12077	JAYANTH KALLUGUDI	-do-	31/12/2021
84.	12078	ARVINTH S	-do-	31/12/2021
85.	12079	UTTARAYAN DASGUPTA	-do-	31/12/2021
86.	12080	ONTEDDU RESHMA	-do-	31/12/2021
87.	12081	BOTTA THANDAVA GANESH	-do-	31/12/2021
88.	12082	SHRIDHAR RAGI	-do-	31/12/2021
89.	12083	AAVULA NAVEEN	-do-	31/12/2021
90.	12084	SUBHASH BIJARANIA	-do-	31/12/2021
91.	12086	BEERA BHAVYA	-do-	31/12/2021

92.	12087	PAVAN KUMAR NAIK N	-do-	31/12/2021
93.	12088	SAHANA POLICE PATIL	-do-	31/12/2021
94.	12089	BHASKAR CHANDRA SAHOO	-do-	31/12/2021
95.	12091	PRIYA M	MICROBIOLOGY	31/12/2021
96.	12092	SONAM PRIYADARSHANI	-do-	31/12/2021
97.	12093	SAGAR S P	-do-	31/12/2021
98.	12094	VIJAYSRI D	-do-	31/12/2021
99.	12097	NYSANTH NS	-do-	31/12/2021
100.	12098	KHUARTI DEBBARMA	-do-	31/12/2021
101.	12099	ASHFAK SIRAJMAHAMMAD MUJAWAR	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021
102.	12100	MACHINDRA SUDHIR NIRGUDE	-do-	31/12/2021
103.	12101	REKHA MAHATO	-do-	31/12/2021
104.	12102	MEENA S	-do-	31/12/2021
105.	12103	MAHI BAANIYA	-do-	31/12/2021
106.	12108	ANINDITA BARUA	-do-	31/12/2021
107.	12109	KUMAR NUPUR HRISHIKESHAN	-do-	31/12/2021
108.	12110	LALSON WESLY J	NEMATOLOGY	31/12/2021
109.	12124	MEHULEE SARKAR	PLANT PATHOLOGY	31/12/2021
110.	12125	NIVETHA M	-do-	31/12/2021
111.	12126	MD FIROZ MONDAL	-do-	31/12/2021
112.	12127	BOGGALA VAJRAMMA	-do-	31/12/2021
113.	12128	SHAIVYA SINGH	-do-	31/12/2021
114.	12129	BABU B	-do-	31/12/2021
115.	12130	RAHUL PATIDAR	-do-	31/12/2021
116.	12131	ELANGO VAN M	-do-	31/12/2021
117.	12134	NATASHA KASHYAP	-do-	31/12/2021
118.	12136	KARIYAPPA R CHOUDAKER	-do-	31/12/2021
119.	12138	SINTO ANTOO	PLANT PHYSIOLOGY	31/12/2021
120.	12139	NIDHI CHATURVEDI	-do-	31/12/2021
121.	12140	SK RABIUL ALAM	-do-	31/12/2021
122.	12141	RAMESH R	-do-	31/12/2021
123.	12142	ANIMIREDDY CHINA MALAKONDAIAH	-do-	31/12/2021
124.	12143	ASHA SASTYA	-do-	31/12/2021
125.	12144	SOLAIYAAN M	-do-	31/12/2021
126.	12155	PAYAL MATHUR	SEED SCIENCE AND TECHNOLOGY	31/12/2021
127.	12156	VIKRAM V PATIL	-do-	31/12/2021
128.	12157	MALLANNA	-do-	31/12/2021
129.	12162	BHANU VERMA	-do-	31/12/2021
130.	12166	RAVI SAINI	SOIL SCIENCE	31/12/2021
131.	12168	ARHAM TATER	-do-	31/12/2021
132.	12169	SAPTAPARNEE DEY	-do-	31/12/2021
133.	12170	SHARAT KOTHARI	-do-	31/12/2021
134.	12171	ANSHUMAN PATEL	-do-	31/12/2021
135.	12172	DEBRUP GHOSH	-do-	31/12/2021
136.	12173	PRABHAKAR PRASAD BARNWAL	-do-	31/12/2021
137.	12174	CHINMAYEE BEHERA	-do-	31/12/2021
138.	12176	SWARNASHREE BARMAN	-do-	31/12/2021
139.	12177	SIYARAM MEENA	-do-	31/12/2021
140.	12178	MANJU KUMARI	-do-	31/12/2021
141.	12180	GAYATRI BHIMAPPA KUDARI	VEGETABLE SCIENCE	31/12/2021
142.	12181	GEETA P KARIGAR	-do-	31/12/2021
143.	12182	VARUN B H	-do-	31/12/2021
144.	12183	SIDDESH S	-do-	31/12/2021
145.	12184	NISHANT	-do-	31/12/2021
146.	12185	NEHA SHARMA	-do-	31/12/2021

147	12186	SAROJ KUMAR SAHU	-do-	31/12/2021
148	12191	RAMYA S	-do-	31/12/2021

4. Award of Institute's Sr. Scholarship @ Rs.31,000/- per month for first two years and @Rs.35000/- per month for third year + Rs.10,000/- contingent grant per annum to 93 candidates admitted at IARI, New Delhi as per the list given below:

LIST OF STUDENTS ENROLLED AT IARI, NEW DELHI IN Ph.D. PROGRAMME DURING THE ACADEMIC SESSION 2021-22 & ELIGIBLE FOR INSTITUTE SCHOLARSHIP @ Rs. 31000/- p.m. WITH CONTINGENCY @ Rs. 10000/-p.a for first two years and @ Rs.35,000/- per month + Rs.10,000/-for third year

S. No.	ROLL NO.	NAME OF THE STUDENT	DISCIPLINE	DATE ENROL.
1.	11935	ANIRBAN SIL	AGRICULTURAL CHEMICALS	31/12/2021
2.	11936	SHYAM KUMAR GUPTA	-do-	31/12/2021
3.	11937	RENU	-do-	31/12/2021
4.	11938	SUMIT SHEKHAR	-do-	31/12/2021
5.	11939	RANJEET KUMAR	-do-	31/12/2021
6.	11940	BISWAJIT HORIJAN	-do-	31/12/2021
7.	11946	ARUN D	AGRICULTURAL ECONOMICS	31/12/2021
8.	11947	HARITHA K	-do-	31/12/2021
9.	11956	ARUNA T N	AGRICULTURAL ENGINEERING (Farm Machinery & Power Engineering)	31/12/2021
10.	11957	PRAJWAL R	-do-	31/12/2021
11.	11961	SARIKONDA LEELA JYOTHI	-do-	31/12/2021
12.	12207	TUSHAR DHAR	-do-	11/01/2022
13.	11967	RONGALI MAHESH	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	31/12/2021
14.	11968	CHAVDA DHAVALKUMAR RANCHHODBHAI	-do-	31/12/2021
15.	11980	FATHEEN ABRAR P N	AGRICULTURAL EXTENSION	31/12/2021
16.	11986	SAILJA RASTOGI	AGRICULTURAL PHYSICS	31/12/2021
17.	11987	ABHRADIP SARKAR	-do-	31/12/2021
18.	11988	BIBHUTI BHUSAN SETHI	-do-	31/12/2021
19.	11989	AKSHITA TOMAR	-do-	31/12/2021
20.	11990	SUGAVANESHWARAN	-do-	31/12/2021
21.	12015	SUSHMITHA J	BIOCHEMISTRY	31/12/2021
22.	12016	TAMIL SELVAN S	-do-	31/12/2021
23.	12017	KANGKAN PANDIT	-do-	31/12/2021
24.	12018	GAMPA MALLESH	-do-	31/12/2021
25.	12019	DURGESHWARI PRABHAKAR GADPAYALE	-do-	31/12/2021
26.	12038	B V JAYANTH	ENTOMOLOGY	31/12/2021
27.	12040	BISWAMITRA REANG	-do-	31/12/2021
28.	12042	BABETLANG KHARSHIING	ENVIRONMENTAL SCIENCE	31/12/2021
29.	12043	POOJA L R	-do-	31/12/2021
30.	12044	SHEMEEM SHAH P	-do-	31/12/2021
31.	12045	ANUSHA B S	-do-	31/12/2021
32.	12046	MAYANK TIWARI	-do-	31/12/2021
33.	12047	KOKILA	-do-	31/12/2021
34.	12048	VIPUL KUMAR	-do-	31/12/2021

35.	12051	EDIGA AMALA	FLORICULTURE AND LANDSCAPING	31/12/2021
36.	12052	SHREEKANT	-do-	31/12/2021
37.	12053	CHAITRA K	-do-	31/12/2021
38.	12055	KURABALAKOTA MADHAVI	-do-	31/12/2021
39.	12067	ADITYA DNYANESHWAR INGOLE	FRUIT SCIENCE	31/12/2021
40.	12068	POONAM MAURYA	-do-	31/12/2021
41.	12085	NIRMALARUBAN R	GENETICS AND PLANT BREEDING	31/12/2021
42.	12095	ARAVINDHARAJAN S T M	MICROBIOLOGY	31/12/2021
43.	12096	KAVYA T	-do-	31/12/2021
44.	12104	ALVAKONDA SHEENA SABATINA	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021
45.	12105	SOWMYAPRIYA R	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021
46.	12106	SHAHINA PERWEEN	-do-	31/12/2021
47.	12217	YASWANT KUMAR PANKAJ	-do-	11/01/2022
48.	12111	VENKADESH G	NEMATOLOGY	31/12/2021
49.	12112	SWATHI KARTHIKA K S	-do-	31/12/2021
50.	12113	KATAKAM RUPINI KRISHNA	-do-	31/12/2021
51.	12114	MALLIKARJUN GURRAM	-do-	31/12/2021
52.	12115	MANSI	-do-	31/12/2021
53.	12116	KSHITIZ	-do-	31/12/2021
54.	12117	SANDIP KUMAR PANIGRAHI	PLANT GENETIC RESOURCES	31/12/2021
55.	12118	MITHRAA T	-do-	31/12/2021
56.	12119	MALLIKARJUN BIRADAR	-do-	31/12/2021
57.	12120	NAGARAJ NAIK D	-do-	31/12/2021
58.	12121	SIVAKUMAR A	-do-	31/12/2021
59.	12122	PRAVEEN GUMACHANAMARDI	-do-	31/12/2021
60.	12123	KRISHNAMOORTHY A	-do-	31/12/2021
61.	12132	SANDEEP KUMAR PANI	PLANT PATHOLOGY	31/12/2021
62.	12133	SAMRAT PAUL	-do-	31/12/2021
63.	12135	PEACE PANMEI	-do-	31/12/2021
64.	12137	DEEP NARAYAN MISHRA	-do-	31/12/2021
65.	12145	SAJEEL AHAMAD	POST HARVEST MANAGEMENT	31/12/2021
66.	12146	T S HANUMESH GOWDA	-do-	31/12/2021
67.	12147	KEERTHANA DAS	-do-	31/12/2021
68.	12148	SINDHU P M	-do-	31/12/2021
69.	12149	THIPPESWAMY B	-do-	31/12/2021
70.	12150	GANESH KUMAR CHOUPDAR	-do-	31/12/2021
71.	12158	ROHIT CHANDI	SEED SCIENCE AND TECHNOLOGY	31/12/2021
72.	12159	ANBALAGAN A	-do-	31/12/2021
73.	12160	SUSHMA M K	-do-	31/12/2021
74.	12161	HEENA KOUSER H M	-do-	31/12/2021
75.	12163	MILU HERBERT	-do-	31/12/2021

76.	12164	SUSHMITHA C H	-do-	31/12/2021
77.	12165	ANGOTH GOUTHAMI	-do-	31/12/2021
78.	12175	KALYANI VISHWAS PATIL	SOIL SCIENCE	31/12/2021
79.	12179	RIAJ RAHAMAN	-do-	31/12/2021
80.	12187	AMIT KUMAR SINGH	VEGETABLE SCIENCE	31/12/2021
81.	12188	RESHAV NAIK	-do-	31/12/2021
82.	12189	PYLA SURESH	-do-	31/12/2021
83.	12190	ANGELA ROLUAHPUII	-do-	31/12/2021
84.	12196	BASARAVENI GOUTHAMI	WATER SCIENCE AND TECHNOLOGY	31/12/2021
85.	12198	ADITYA V MACHNOOR	-do-	31/12/2021
86.	12199	AMARPREET SINGH	-do-	31/12/2021
87.	12200	VIGNESH PALANIVEL	-do-	31/12/2021
88.	12224	SHUBHANGI GORAKHNATH NILE	AGRICULTURAL ENGINEERING (Process & Food Engineering)	17/01/2022
89.	12225	CHANDANA V	BIOINFORMATICS	17/01/2022
90.	12227	SHUBHAM JAGGA	FRUIT SCIENCE	21/03/2022
91.	12228	KANISHK MILIND DIWEKAR	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	21/03/2022
92.	12230	RITAMBHARA	SOIL SCIENCE	21/03/2022
93.	12231	LIKI ETE	WATER SCIENCE AND TECHNOLOGY	21/03/2022

5 Award of Institute's Sr. Scholarship @ Rs.31,000/- per month for first two years and @ Rs.35,000/- per month for third year + Rs.10,000 Contingent grant per annum to the following 07 students admitted at CIAE, Bhopal under IARI PG Outreach Programme

S.No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	11953	AMAN KUMAR	AGRICULTURAL ENGINEERING (PFE)	31/12/2021
2.	11962	ABHISHEK UPADHYAY	-do-	31/12/2021
3.	11963	SRINIDHI G	-do-	31/12/2021
4.	11964	BHUPENDRA GHRITALAHRE	-do-	31/12/2021
5.	11965	RAVI KUMAR SAHU	-do-	31/12/2021
6.	11972	AMIT PRASAD	AGRICULTURAL ENGINEERING (SWCE)	31/12/2021
7.	11973	SURJEET SINGH ADILE	-do-	31/12/2021

6. Award of Institute's Sr. Scholarship @ Rs.31,000/- per month for first two years and @ Rs.35,000/- per month + Rs.10,000/- Contingent grant per annum to the following 09 students admitted at IIHR, Bengaluru under IARI PG Outreach Programme

S.No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	12057	MAYA PRIYA	FLORICULTURE AND LANDSCAPING	31/12/2021
2.	12058	PRIYA BHUSARADDI	-do-	31/12/2021
3.	12059	VEERESH	-do-	31/12/2021
4.	12070	SHIVAM	FRUIT SCIENCE	31/12/2021
5.	12073	KIRAN K N	FRUIT SCIENCE	31/12/2021
6.	12151	ASHWIJA B N	POST HARVEST MANAGEMENT	31/12/2021
7.	12153	BRUNDA N B	-do-	31/12/2021
8.	12194	MAHEBUB	VEGETABLE SCIENCE	31/12/2021
9.	12229	NITHIN GOWDA T K	POST HARVEST MANAGEMENT	21/03/2022

7. Award of Institute's Sr. Scholarship @ Rs. 3,000/- per month + Rs. 10,000/- per annum as contingent grant to the following 09 IARI students who were admitted under Faculty Up-gradation Scheme/ICAR-Inservice Scheme.

S. No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	12205	PERKA SHIVA KUMAR, PJTSAU Hyderabad, FUS	AGRICULTURAL ECONOMICS	13/01/2022
2.	12206	SWAPNAJA KABIRRAO JADHAV, CIAE, Bhopal, ICAR Inservice	AGRICULTURAL ENGINEERING (FMPE)	13/01/2022
3.	12212	SULUGURI RAMESH, PJTSAU Hyderabad, FUS	ENTOMOLOGY	13/01/2022
4.	12213	BHANUMURTHY K C, YSRHU, VR Gudem FUS	FLORICULTURE AND LANDSCAPING	12/01/2022
5.	12214	BINDU PRAVEENA RAVIPATI, ANGRAU, Guntur, FUS	FRUIT SCIENCE	12/01/2022
6.	12215	NONGTHOMBAM DEVACHANDRA, CAU, Pasighat, FUS	FRUIT SCIENCE	13/01/2022
7.	12218	SHWETA KUMARI, IIVR Varanasi, ICAR Inservice	PLANT PATHOLOGY	21/01/2022
8.	12220	SHANTIKUMAR LUKRAM, CAU Imphal, FUS	PLANT PHYSIOLOGY	13/01/2022
9.	12223	POOJA RANI, CCSHAU, Hissar, FUS	SOIL SCIENCE	12/01/2022

8. Award of Contingent grant only @ Rs.10,000/- per annum to the following 3 Departmental Candidates working at the same station.

S. No.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	12204	ABRAN SINGH KUSHWAH, IARI, New Delhi, Deptt. Tech.	AGRICULTURAL CHEMICALS	13/01/2022
2.	12209	RAJ KUMAR GOURAV IARI, New Delhi, Deptt. Tech.	AGRONOMY	20/01/2022
3.	12219	RAJ KIRAN, NBPGR, New Delhi, Deptt. S.	PLANT PATHOLOGY	20/01/2022

9. Following 10 students who were admitted in the disciplines of Agricultural Statistics, Bioinformatics and Computer Application will get their Institute Sr. Scholarship from IASRI.

S.NO.	ROLL NO.	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	11993	MUHSINA A	AGRICULTURAL STATISTICS	31/12/2021
2.	11994	ASHUTOSH DALAL	-do-	31/12/2021
3.	11995	KAUSHAL KUMAR YADAV	-do-	31/12/2021
4.	11996	PRAVEENKUMAR	-do-	31/12/2021
5.	11998	VEERSHETTY	-do-	31/12/2021
6.	12023	SHIVADARSHAN SHRISHAIL JIRLI	BIOINFORMATICS	28/12/2020
7.	12025	RAGINI KUSHWAHA	-do-	28/12/2020
8.	12029	BHAVESH KUMAR CHOUBISA	COMPUTER APPLICATION	28/12/2020
9.	12030	SAHANA M R	-do-	28/12/2020
10.	12031	SARAVANAKUMAR R	-do-	28/12/2020

10. The Standing Committee did not recommend award of Institute's Sr. Scholarship to the following In-service student as he has already availed the benefit of Scholarship during his previous admission at IARI for the same programme and left the course incomplete.

S.NO.	ROLL NO.	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1.	12107	VIRAJ GANGADHAR KAMBLE, IISR, Indore, ICAR Inservice	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021

11. The Standing Committee was also of the view that necessary recovery on account of Surety Bond, fellowship etc., as per rules may be made from the student, if due. Further, to avoid second time award of fellowship, a suitable undertaking to the effect that the student has not availed the benefit of Scholarship for the same programme earlier from or through IARI/ICAR, may be obtained.

417.3.2 Consideration of award of IARI Jr. Scholarship to M.Sc./ M.Tech. students for the award of IARI Jr. Scholarship.

During the Academic Session 2021-22, a total number of 261 candidates were admitted to M.Sc./M.Tech. degree programme under different Schemes at IARI and IARI PG Outreach Institutes. Seven (7) students discontinued the programme and hence removed from the rolls of the P.G. School. The Standing Committee made the following recommendations.

- As per P.G. School Calendar para 15.3.3 and 15.3.5, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. The payment of Scholarship/Fellowship shall be reviewed at the end of 2nd Semester and only those students will be permitted to continue getting fellowship who maintain the OGPA of 6.50 out of 10.00 at the end of 2nd Semester (*Commencement of the Academic Year 2021-22 is 03.01.2022*).
- 168 students enrolled at IARI, New Delhi, IARI Assam, IARI Jharkhand, IIAB Ranchi, NIASM Baramati and NIBSM Raipur who are eligible for ICAR-PG Scholarship @ Rs.12640/- per month + Rs. 6,000/- will get their fellowship from ICAR.**

LIST OF STUDENTS ENROLLED AT IARINEW DELHI, IARI ASSAM, IARI JHARKHAND, IIAB RANCHI, NIASM BARAMATI and NIBSM RAIPUR IN M.Sc. PROGRAMME UNDER ICAR-PG SCHOLARSHIP IN THE ACADEMIC YEAR 2021-2022 ELIGIBLE FOR ICAR-PGSCHOLARSHIP @ Rs. 12640/- P.M. WITH CONTINGENCY @ Rs. 6000/-P.A.					
S. NO.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE_ENROL	INSTITUTE
1	21562	DIPSIKHA MONDAL	AGRICULTURAL CHEMICALS	31/12/2021	IARI, New Delhi-12
2	21568	SHUBHO PAUL	AGRICULTURAL ECONOMICS	31/12/2021	IARI, New Delhi-12
3	21569	ANKIT	-do-	31/12/2021	IARI, New Delhi-12
4	21570	PAVAN KUMAR KUMAWAT	-do-	31/12/2021	IARI, New Delhi-12
5	21571	SNEHA S B	-do-	31/12/2021	IARI, New Delhi-12
6	21572	HITAISHREE M	-do-	31/12/2021	IARI, New Delhi-12
7	21573	SWATI SINGH	-do-	31/12/2021	IARI, New Delhi-12
8	21574	PRABHAT KUMAR OJHA	AGRICULTURAL ENGINEERING (PFE)	31/12/2021	IARI, New Delhi-12
9	21575	MUKESH PATTAIYA	-do-	31/12/2021	IARI, New Delhi-12

10	21576	PIYUSHA MAHENDRA MATONDKAR	-do-	31/12/2021	IARI, New Delhi-12
11	21577	SAURABH KUMAR GUPTA	-do-	31/12/2021	IARI, New Delhi-12
12	21578	SUBRATA MANDAL	-do-	31/12/2021	IARI, New Delhi-12
13	21579	MOHANASELVAN .T	AGRICULTURAL ENGINEERING (FMPE)	31/12/2021	IARI, New Delhi-12
14	21580	RADHA KRISHNAN NA S	-do-	31/12/2021	IARI, New Delhi-12
15	21581	NAVEEN RACHAMALLA	-do-	31/12/2021	IARI, New Delhi-12
16	21582	SOUBHAGYA SEKHAR NAYAK	-do-	31/12/2021	IARI, New Delhi-12
17	21583	SATHISH KUMAR B N	-do-	31/12/2021	IARI, New Delhi-12
18	21584	JADAV KAUSHIK AMRISHBHAI	AGRICULTURAL ENGINEERING (SWCE)	31/12/2021	IARI, New Delhi-12
19	21585	SRIDHANABHARATHI B	-do-	31/12/2021	IARI, New Delhi-12
20	21586	ATHIRA SAJI	-do-	31/12/2021	IARI, New Delhi-12
21	21588	BARNALI SAHA	-do-	31/12/2021	IARI, New Delhi-12
22	21589	PASUPULETI SAHITHI	AGRICULTURAL EXTENSION	31/12/2021	IARI, New Delhi-12
23	21590	ANIRBAN JANA	-do-	31/12/2021	IARI, New Delhi-12
24	21591	MATHI GIRISHMA	-do-	31/12/2021	IARI, New Delhi-12
25	21592	DEVANAND TRIPATHI	-do-	31/12/2021	IARI, New Delhi-12
26	21593	OMPRAKASH N	-do-	31/12/2021	IARI, New Delhi-12
27	21594	NAVEEN KUMAR H N	-do-	31/12/2021	IARI, New Delhi-12
28	21597	SUMAN	AGRICULTURAL PHYSICS	31/12/2021	IARI, New Delhi-12
29	21599	AKARSH SINGH	AGRICULTURAL STATISTICS	31/12/2021	IARI, New Delhi-12
30	21600	SAIKATH DAS	-do-	31/12/2021	IARI, New Delhi-12
31	21601	SURYA PRAKASH TRIPATHI	-do-	31/12/2021	IARI, New Delhi-12
32	21603	SUBHANKAR BISWAS	-do-	31/12/2021	IARI, New Delhi-12
33	21604	BANAVATH SAMUEL NAIK	-do-	31/12/2021	IARI, New Delhi-12
34	21607	SHUBHAM GROVER	AGRONOMY	31/12/2021	IARI, New Delhi-12
35	21608	SHWETANSH	-do-	31/12/2021	IARI, New Delhi-12
36	21609	SOUMYA PRAKASH BHOI	-do-	31/12/2021	IARI, New Delhi-12
37	21610	SOUGATA ROY	-do-	31/12/2021	IARI, New Delhi-12
38	21611	BIPASHA DAS	-do-	31/12/2021	IARI, New Delhi-12
39	21612	SUBRATA BAG	-do-	31/12/2021	IARI, New Delhi-12
40	21614	PRAKASH DHANAVATH	-do-	31/12/2021	IARI, New Delhi-12
41	21615	SHUVARGHYA CHAKRABORTY	BIOCHEMISTRY	31/12/2021	IARI, New Delhi-12
42	21618	SANJAY BEHERA	-do-	31/12/2021	IARI, New Delhi-12
43	21621	ABHIK SARKAR	BIOINFORMATICS	31/12/2021	IARI, New Delhi-12
44	21630	SASIKUMARAN S	COMPUTER APPLICATION	31/12/2021	IARI, New Delhi-12
45	21631	ASMITA DAS	ENTOMOLOGY	31/12/2021	IARI, New Delhi-12

46	21632	JESSA JOSEPH	-do-	31/12/2021	IARI, New Delhi-12
47	21633	DARSHANA BRAHMA	-do-	31/12/2021	IARI, New Delhi-12
48	21634	ELIKA PAVAN VENKATA KUMAR	-do-	31/12/2021	IARI, New Delhi-12
49	21635	EERE VIDYA MADHURI	-do-	31/12/2021	IARI, New Delhi-12
50	21636	JAGADAM SAI RUPALI	-do-	31/12/2021	IARI, New Delhi-12
51	21637	AASHIQ POON V S	-do-	31/12/2021	IARI, New Delhi-12
52	21638	SINGAM SUDISHMA	-do-	31/12/2021	IARI, New Delhi-12
53	21645	SOURAV PANIGRAHI	FLORICULTURE AND LANDSCAPING	31/12/2021	IARI, New Delhi-12
54	21646	MARIYAM FIRDOUS	-do-	31/12/2021	IARI, New Delhi-12
55	21647	NASINA BALAJI	-do-	31/12/2021	IARI, New Delhi-12
56	21648	SANGHITA ROY	-do-	31/12/2021	IARI, New Delhi-12
57	21649	KUSUMA M.V	-do-	31/12/2021	IARI, New Delhi-12
58	21650	VALLARASU	-do-	31/12/2021	IARI, New Delhi-12
59	21651	CHAITHRA	-do-	31/12/2021	IARI, New Delhi-12
60	21652	POOJA	FRUIT SCIENCE	31/12/2021	IARI, New Delhi-12
61	21653	PRABHANJAN BHANUDAS RANE	-do-	31/12/2021	IARI, New Delhi-12
62	21654	LAYA P	-do-	31/12/2021	IARI, New Delhi-12
63	21655	RAUSHAN KUMAR	-do-	31/12/2021	IARI, New Delhi-12
64	21656	HARSHIT KUMAR	-do-	31/12/2021	IARI, New Delhi-12
65	21658	BAJJURI DIVYA	GENETICS AND PLANT BREEDING	31/12/2021	IARI, New Delhi-12
66	21659	KAVYA R	-do-	31/12/2021	IARI, New Delhi-12
67	21660	NAMAN RAJ	-do-	31/12/2021	IARI, New Delhi-12
68	21661	SATYAM	-do-	31/12/2021	IARI, New Delhi-12
69	21662	RAGINI R	-do-	31/12/2021	IARI, New Delhi-12
70	21663	JENIA ROY	-do-	31/12/2021	IARI, New Delhi-12
71	21665	DHARAVATH HATHIRAM	-do-	31/12/2021	IARI, New Delhi-12
72	21667	BARNANA MAITRA	MICROBIOLOGY	31/12/2021	IARI, New Delhi-12
73	21668	YAMINI YADAV	-do-	31/12/2021	IARI, New Delhi-12
74	21669	KARTHIKA K	-do-	31/12/2021	IARI, New Delhi-12
75	21670	SANGRAM GARAI	-do-	31/12/2021	IARI, New Delhi-12
76	21671	PRATIBHA BARIK	-do-	31/12/2021	IARI, New Delhi-12
77	21673	THARUN KUMAR C J	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021	IARI, New Delhi-12
78	21674	ASHUTOSH DILIPRAO THAKARE	-do-	31/12/2021	IARI, New Delhi-12
79	21675	SOUMYA CHAKRABORTY	-do-	31/12/2021	IARI, New Delhi-12
80	21676	BALAJI B	-do-	31/12/2021	IARI, New Delhi-12
81	21677	SANJAY T D	-do-	31/12/2021	IARI, New Delhi-12
82	21678	SONAM BRIJLAL INGLE BRIJLAL INGLE	-do-	31/12/2021	IARI, New Delhi-12
83	21679	SUBHASH A	-do-	31/12/2021	IARI, New Delhi-12
84	21680	BHANU KUMAR TIWARI	-do-	31/12/2021	IARI, New Delhi-12

85	21681	KIRAN MAHAVIR MAGDUM	-do-	31/12/2021	IARI, New Delhi-12
86	21682	VIMALA G	NEMATOLOGY	31/12/2021	IARI, New Delhi-12
87	21683	ADHUNA K P	-do-	31/12/2021	IARI, New Delhi-12
88	21684	VOODIKALA SAI AKHIL	-do-	31/12/2021	IARI, New Delhi-12
89	21689	NETRA KALLEGODRA	PLANT PATHOLOGY	31/12/2021	IARI, New Delhi-12
90	21690	MANOJ P N	-do-	31/12/2021	IARI, New Delhi-12
91	21691	ELORA PRIYADARSHINI	-do-	31/12/2021	IARI, New Delhi-12
92	21692	PRATIBHA MURMU	-do-	31/12/2021	IARI, New Delhi-12
93	21693	AMBALAVANAN A	-do-	31/12/2021	IARI, New Delhi-12
94	21694	POULAMI BASAK	-do-	31/12/2021	IARI, New Delhi-12
95	21695	RASHI JAIN	-do-	31/12/2021	IARI, New Delhi-12
96	21696	PRADEEP	PLANT PHYSIOLOGY	31/12/2021	IARI, New Delhi-12
97	21697	KUNKALA RAHUL KARTHIK	-do-	31/12/2021	IARI, New Delhi-12
98	21698	SIVAPRAGASAM	-do-	31/12/2021	IARI, New Delhi-12
99	21699	K.BHARATH CHANDRA	-do-	31/12/2021	IARI, New Delhi-12
100	21700	AMooru HARIKA	-do-	31/12/2021	IARI, New Delhi-12
101	21702	AJAY NINANA	-do-	31/12/2021	IARI, New Delhi-12
102	21707	SANDEEP	SEED SCIENCE AND TECHNOLOGY	31/12/2021	IARI, New Delhi-12
103	21708	TANYA SINGH	-do-	31/12/2021	IARI, New Delhi-12
104	21709	SHREYA PATIL	-do-	31/12/2021	IARI, New Delhi-12
105	21710	TUHINA GHOSH	-do-	31/12/2021	IARI, New Delhi-12
106	21711	YALLAVVA MADAR	-do-	31/12/2021	IARI, New Delhi-12
107	21712	ALAPATI NYMISHA	SOIL SCIENCE	31/12/2021	IARI, New Delhi-12
108	21713	JYOTIRMAY ROY	-do-	31/12/2021	IARI, New Delhi-12
109	21714	CHAKRAPANI SAIKRISHNA KISHORE	-do-	31/12/2021	IARI, New Delhi-12
110	21715	MANISH KUMAR	-do-	31/12/2021	IARI, New Delhi-12
111	21716	THUNGASHAN KIKON	-do-	31/12/2021	IARI, New Delhi-12
112	21718	SWAGATA NANDI	VEGETABLE SCIENCE	31/12/2021	IARI, New Delhi-12
113	21719	ANKITA SAHA	-do-	31/12/2021	IARI, New Delhi-12
114	21720	LUHANA SOHAMKUMAR CHETANDAS	-do-	31/12/2021	IARI, New Delhi-12
115	21721	BANOTH THARUN	-do-	31/12/2021	IARI, New Delhi-12
116	21722	DHARMENDRA KUMAR VERMA	-do-	31/12/2021	IARI, New Delhi-12
117	21723	KISHOR KARSHANBHAI VAROTARIYA	-do-	31/12/2021	IARI, New Delhi-12
118	21724	DHARAVATH RAM BABU	-do-	31/12/2021	IARI, New Delhi-12
119	21725	THUSHAL R Y	-do-	31/12/2021	IARI, New Delhi-12
120	21739	BAGSARIYA NISHANT NITESHBHAI	NEMATOLOGY	15/01/2022	IARI, New Delhi-12

121	50075	ROHITASH DOODWAL	AGRONOMY	31/12/2021	ASSAM (IARI)
122	50076	ABHISHEK PATIDAR	-do-	31/12/2021	ASSAM (IARI)
123	50077	DEVENDRA KUMAR DADHICH	-do-	31/12/2021	ASSAM (IARI)
124	50078	ROOPA M N	GENETICS AND PLANT BREEDING	31/12/2021	ASSAM (IARI)
125	50079	UDAYA BHANU ANGIREKULA	-do-	31/12/2021	ASSAM (IARI)
126	50081	PRATHYAKSHA C S	SOIL SCIENCE	31/12/2021	ASSAM (IARI)
127	50082	BIJAN KUMAR MONDAL	-do-	31/12/2021	ASSAM (IARI)
128	50083	BARNALI MAJUMDER	VEGETABLE SCIENCE	31/12/2021	ASSAM (IARI)
129	50084	NABANITA ROY	-do-	31/12/2021	ASSAM (IARI)
130	60094	AMIT SINHA	AGRICULTURAL EXTENSION	31/12/2021	JHARKHAND (IARI)
131	60095	NUTHAKI VENKATA LEELA KRISHNA CHAITHANYA	-do-	31/12/2021	JHARKHAND (IARI)
132	60096	TANMAY DAS	AGRONOMY	31/12/2021	JHARKHAND (IARI)
133	60097	KAVYA INUGANTI	-do-	31/12/2021	JHARKHAND (IARI)
134	60098	INDRANI SAHA	-do-	31/12/2021	JHARKHAND (IARI)
135	60099	SATYAM RAWAT	-do-	31/12/2021	JHARKHAND (IARI)
136	60100	ARBUD LALA	ENTOMOLOGY	31/12/2021	JHARKHAND (IARI)
137	60101	KIRANKUMAR H	-do-	31/12/2021	JHARKHAND (IARI)
138	60105	MADHUMATHI	FRUIT SCIENCE	31/12/2021	JHARKHAND (IARI)
139	60106	SAIKAT DEY	-do-	31/12/2021	JHARKHAND (IARI)
140	60107	FIROS BASHA T M	GENETICS AND PLANT BREEDING	31/12/2021	JHARKHAND (IARI)
141	60108	SAYAN GOSWAMI	-do-	31/12/2021	JHARKHAND (IARI)
142	60109	BHARGAVA KOTTE	-do-	31/12/2021	JHARKHAND (IARI)
143	60110	RAGHAVENDRA J S	MICROBIOLOGY	31/12/2021	JHARKHAND (IARI)
144	60112	AYESHA SIDDIQA	PLANT PATHOLOGY	31/12/2021	JHARKHAND (IARI)
145	60113	CHERUKU ROSHINI	-do-	31/12/2021	JHARKHAND (IARI)
146	60114	LOKESHA G	-do-	31/12/2021	JHARKHAND (IARI)
147	60115	MUJTAHIDA KHATUN	SEED SCIENCE AND TECHNOLOGY	31/12/2021	JHARKHAND (IARI)
148	60116	SAYAN MAKUR	-do-	31/12/2021	JHARKHAND (IARI)
149	60117	SUBHAJEET SARKAR	SOIL SCIENCE	31/12/2021	JHARKHAND (IARI)
150	60118	SARMISTHA PRIYADARSHINI	-do-	31/12/2021	JHARKHAND (IARI)
151	60119	ANKIT KUMAR SINHA	VEGETABLE SCIENCE	31/12/2021	JHARKHAND (IARI)
152	60120	VASAVI DEVI	-do-	31/12/2021	JHARKHAND (IARI)
153	60121	MEGHANA DEVIREDDY	-do-	31/12/2021	JHARKHAND (IARI)
154	70015	DHARANI E	PLANT PHYSIOLOGY	31/12/2021	NIASM, Baramati
155	80010	DIYAN MANDAL	AGRONOMY	31/12/2021	NIBSM, Raipur
156	80011	SHRUTI SANJITA GIRI	-do-	31/12/2021	NIBSM, Raipur
157	80012	GOURANGA SAW	ENTOMOLOGY	31/12/2021	NIBSM, Raipur
158	80013	SAI MANOJ MARELLA	-do-	31/12/2021	NIBSM, Raipur

159	80014	ARCHITA DAS	-do-	31/12/2021	NIBSM, Raipur
160	80015	MALAWANTHKAR RANI	-do-	31/12/2021	NIBSM, Raipur
161	80016	CHANDANA H S	GENETICS AND PLANT BREEDING	31/12/2021	NIBSM, Raipur
162	80017	CHADUVULA ESHWAR SAI PRASAD	-do-	31/12/2021	NIBSM, Raipur
163	80018	SAYAN BANERJEE	MICROBIOLOGY	31/12/2021	NIBSM, Raipur
164	80025	PRAJJWAL RAI	PLANT PATHOLOGY	31/12/2021	NIBSM, Raipur
165	90011	JAYA KOTHAPELLY	GENETICS AND PLANT BREEDING	31/12/2021	IIAB, Ranchi
166	90012	ADEPU PRIYADARSHINI	-do-	31/12/2021	IIAB, Ranchi
167	90013	MUKESH RAJ	-do-	31/12/2021	IIAB, Ranchi
168	90014	KOPPULA SATYA SAI KUMAR	-do-	31/12/2021	IIAB, Ranchi

3. Award of Institute's Jr. Scholarship @ Rs.7,560/- per month + Rs.6,000/- contingent grant per annum to 74 candidates admitted at IARI, New Delhi including the students who have been placed under outreach programme at IARI Assam, IARI Jharkhand, NIASM Baramati, NIBSM Raipur and IIAB Ranchi.

LIST OF STUDENTS ENROLLED AT IARI NEW DELHI, IARI ASSAM, IARI JHARKHAND, IIAB RANCHI, NIASM BARAMATI, NIBSM RAIPUR IN M.Sc. PROGRAMME IN THE ACADEMIC YEAR 2021-2022 ELIGIBLE FOR INSTITUTE SCHOLARSHIP @ Rs. 7560/- P.M. WITH CONTINGENCY @ Rs. 6000/-P.A.

S.NO.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE_ENROL	INSTITUTE
1.	21563	RIYA KUNDU	AGRICULTURAL CHEMICALS	31/12/2021	IARI, New Delhi-12
2.	21564	ASHUTOSH KUMAR SINGH	-do-	31/12/2021	IARI, New Delhi-12
3.	21565	SOURABH SUMAN	-do-	31/12/2021	IARI, New Delhi-12
4.	21566	ARINDAM RAY	-do-	31/12/2021	IARI, New Delhi-12
5.	21567	CHAVALI SAIKUMAR REDDY	-do-	31/12/2021	IARI, New Delhi-12
6.	21734	MALLIKARJUN CHANABASAPPA KALLUR	AGRICULTURAL ECONOMICS	11/01/2022	IARI, New Delhi-12
7.	60093	RAUMINSH KUMAR	AGRICULTURAL ENGINEERING (SWCE)	31/12/2021	JHARKHAND (IARI)
8.	70008	BHAVANI	-do-	31/12/2021	NIASM, Baramati
9.	70009	GANESH PRASAD SAHOO	-do-	31/12/2021	NIASM, Baramati
10.	70010	VISHNU SUDHAGONI	-do-	31/12/2021	NIASM, Baramati
11.	21595	SOURAMITA CHAKRABORTY	AGRICULTURAL PHYSICS	31/12/2021	IARI, New Delhi-12
12.	21596	SASHITOSH BEHERA	-do-	31/12/2021	IARI, New Delhi-12
13.	21598	SHARAN S P	-do-	31/12/2021	IARI, New Delhi-12
14.	21737	PRATAHBIDYA NAYAK	-do-	15/01/2022	IARI, New Delhi-12
15.	21745	CHAPPALI HARENDRA	AGRONOMY	21/03/2022	IARI, New Delhi-12
16.	21735	PRAKASH SONNAD	-do-	11/01/2022	IARI, New Delhi-12
17.	50074	AYEKPAM DOLLINA DEVI	-do-	31/12/2021	ASSAM (IARI)
18.	21616	VIVEK KUMAR	BIOCHEMISTRY	31/12/2021	IARI, New Delhi-12

19.	21620	RAMAVATH PREM KUMAR NAIK	-do-	31/12/2021	IARI, New Delhi-12
20.	21639	DIVYA SINHA	ENVIRONMENTAL SCIENCE	31/12/2021	IARI, New Delhi-12
21.	21640	KEERTHIKUMAR M	-do-	31/12/2021	IARI, New Delhi-12
22.	21641	ABHILASHA CHOUDHARY	-do-	31/12/2021	IARI, New Delhi-12
23.	21642	AVINASH C	-do-	31/12/2021	IARI, New Delhi-12
24.	21643	LOKESH KUMAR MEENA	-do-	31/12/2021	IARI, New Delhi-12
25.	21644	SUCHITRA KUNDURU	-do-	31/12/2021	IARI, New Delhi-12
26.	21749	SHEVAKULA MANASA	-do-	21/03/2022	IARI, New Delhi-12
27.	60102	MUTRA BALAKRISHNA REDDY	-do-	31/12/2021	JHARKHAND (IARI)
28.	60103	SAI KIRAN BURJI	-do-	12/01/2022	JHARKHAND (IARI)
29.	60104	SUBHRANSU SEKHAR BEHERA	-do-	31/12/2021	JHARKHAND (IARI)
30.	70011	ASHOK KUMAR SUBUDHI	-do-	31/12/2021	NIASM, Baramati
31.	70012	CHARISHMA NANDIMANDALAM	-do-	31/12/2021	NIASM, Baramati
32.	70013	PRERNA KUMARI	-do-	31/12/2021	NIASM, Baramati
33.	21664	AMIT KUMAR MAZUMDER	GENETICS AND PLANT BREEDING	31/12/2021	IARI, New Delhi-12
34.	50080	HARISH WALIKAR	-do-	31/12/2021	ASSAM (IARI)
35.	21672	SONAM YANGCHAN	MICROBIOLOGY	31/12/2021	IARI, New Delhi-12
36.	21750	KONDERU NITEESH VARMA	-do-	21/03/2022	IARI, New Delhi-12
37.	60111	NALLAPAREDDY BAVANA REDDY	-do-	31/12/2021	JHARKHAND (IARI)
38.	80019	PRAJWAL S K	-do-	31/12/2021	NIBSM, Raipur
39.	80020	PALLAVI S	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	31/12/2021	NIBSM, Raipur
40.	80021	AJAY KUMAR	-do-	31/12/2021	NIBSM, Raipur
41.	80022	USHA M S	-do-	31/12/2021	NIBSM, Raipur
42.	80023	SHAKESPEAR.S	-do-	31/12/2021	NIBSM, Raipur
43.	90015	SHIVAKUMARASWAMY M	-do-	31/12/2021	IIAB, Ranchi
44.	90016	MUSTAFA N	-do-	31/12/2021	IIAB, Ranchi
45.	90017	SUDHEER BISHNOI	-do-	31/12/2021	IIAB, Ranchi
46.	90018	PRATIK PRASAD SINGH	-do-	31/12/2021	IIAB, Ranchi
47.	90019	SRADHANJALI JENA	-do-	31/12/2021	IIAB, Ranchi
48.	90020	ANKIT RAJ	-do-	21/01/2022	IIAB, Ranchi
49.	21740	KAVITA JAIN	NEMATOLOGY	15/01/2022	IARI, New Delhi-12
50.	21685	VIVEK KUMAR	PLANT GENETIC RESOURCES	31/12/2021	IARI, New Delhi-12
51.	21686	JYOTSNA VERMA	-do-	31/12/2021	IARI, New Delhi-12
52.	21687	SAMPA SAHA	-do-	31/12/2021	IARI, New Delhi-12
53.	21741	SHRADHA MAHAWAR	-do-	15/01/2022	IARI, New Delhi-12
54.	21742	KUNAL	-do-	18/01/2022	IARI, New Delhi-12
55.	21751	GUTHI LIKHITHA	-do-	21/03/2022	IARI, New Delhi-12
56.	21752	JITENDRA KUMAR YADAV	-do-	21/03/2022	IARI, New Delhi-12

57.	80026	MANOJ N S	PLANT PATHOLOGY	21/01/2022	NIBSM, Raipur
58.	21701	SUBRATA DEBNATH	PLANT PHYSIOLOGY	31/12/2021	IARI, New Delhi-12
59.	70014	SHRICHARAN S	-do-	31/12/2021	NIASM, Baramati
60.	70016	CHANUMOLU HARI GOPALA KRISHNA	-do-	31/12/2021	NIASM, Baramati
61.	70017	SHANKAR KUMAR	-do-	15/01/2022	NIASM, Baramati
62.	21703	SANTURI MOUNIKA MANISREE	POST HARVEST MANAGEMENT	31/12/2021	IARI, New Delhi-12
63.	21704	RANJANI M	-do-	31/12/2021	IARI, New Delhi-12
64.	21705	AJAY RAMESHBHAI NAROLA	-do-	31/12/2021	IARI, New Delhi-12
65.	21706	VATHSALA. V	-do-	31/12/2021	IARI, New Delhi-12
66.	21743	DEEPAK	SOIL SCIENCE	15/01/2022	IARI, New Delhi-12
67.	21753	HIMANSHU SINGH	-do-	21/03/2022	IARI, New Delhi-12
68.	21736	SPARSH NATHOO	VEGETABLE SCIENCE	11/01/2022	IARI, New Delhi-12
69.	50085	WAHENGBAM ZENITH SINGH	-do-	15/01/2022	ASSAM (IARI)
70.	21726	KEERTHANA MAVERIL	WATER SCIENCE AND TECHNOLOGY	31/12/2021	IARI, New Delhi-12
71.	21727	VISHAL SANGWAN	-do-	31/12/2021	IARI, New Delhi-12
72.	21728	NAVEEN KUMAR	-do-	31/12/2021	IARI, New Delhi-12
73.	21729	KRISHNA PATIDAR	-do-	18/01/2022	IARI, New Delhi-12
74.	21744	PAVAN PRABHAKAR PANZADE	-do-	18/01/2022	IARI, New Delhi-12

4. Award of Institute's Jr. Scholarship @ Rs.7,560/- per month + Rs.6,000/- contingent grant per annum to following 12 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Institute Jr. Scholarship from IASRI.

S.NO.	ROLL NO	NAME OF THE STUDENT	DISCIPLINE	DATE OF ENROL.
1	21602	RAKESH CHHALOTRE	AGRICULTURAL STATISTICS	31/12/2021
2	21605	SUBHRADIP ROY	-do-	31/12/2021
3	21606	ASHISH GUPTA	-do-	31/12/2021
4	21622	RAVI	BIOINFORMATICS	31/12/2021
5	21623	DEEKSHA P M	-do-	31/12/2021
6	21624	ABHISHEK ANAND	-do-	31/12/2021
7	21625	SUBHAM GHOSH	-do-	31/12/2021
8	21626	SORNA A M	-do-	31/12/2021
9	21628	ROHIT VANSHRAJ	COMPUTER APPLICATION	31/12/2021
10	21738	NASIRHUSSAIN M Y	-do-	15/01/2022
11	21746	BHAVYA SHREE V	-do-	21/03/2022
12	21748	GOURAV MAITRA	-do-	21/03/2022

417.3.3 The Academic Council approved the continuation of the existing guidelines on the extension of the duration of the IARI Fellowship as per para 15.3.1 and 15.3.2 of PG School Calendar (2010-11).

417.3.4 On the issue of (i) to increase the duration of Scholarship for Ph.D. programme from 3 years to 4 years and (ii) to enhance the rate of Institute Junior Scholarship (for M.Sc. students) from Rs.7560/- per month to Rs.12640/- per month at par with the ICAR P.G. Scholarship, the Academic Council opined that the matter comes under the purview of ICAR.

Agenda Item No. 417.4: Consideration of the proceedings of the meeting of the Standing Committee on Faculty and Discipline made in its Meetings held on 12.05.2022 and 17.05.2022

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

417.4.1. Induction of following **16 Scientists** for induction into **PG Faculty** in their respective disciplines at ICAR- **IARI, New Delhi (12)**, IARI PG outreach Programme at ICAR- **IIHR, Bengaluru (3)** and ICAR-NIASM, **Baramati (1)** as they met the qualifications/eligibility criteria as per the prescribed guidelines.

S. No.	Name of the Scientist & Designation	Name of the Discipline
IARI, New Delhi		
1.	Dr. Praveen KV, Scientist (SS)	Agricultural Economics
2.	Dr. Mohd. Harun, Scientist	Agricultural Statistics
3.	Dr. Prabina Kumar Meher, Scientist	Agricultural Statistics
4.	Dr. Prabhu Govindasamy, Scientist (SS)	Agronomy
5.	Dr. Neeraj Budhlakoti, Scientist	Bioinformatics
6.	Dr. (Ms.) Ratna Prabha, Scientist	Bioinformatics
7.	Dr. (Ms.) Bharati Pandey, Scientist	Bioinformatics
8.	Dr. Ashish Khandelwal, Scientist	Environmental Science
9.	Dr. (Ms.) Deeksha Joshi, Pr. Scientist	Plant Pathology
10.	Dr. Soham Ray, Scientist	Plant Physiology
11.	Dr. (Ms.) Bindvi Arora, Scientist	Post Harvest Management
12.	Dr. V. R. Yalamalle, Scientist(SS)	Seed Science and Technology
IARI PG outreach Programme at IIHR, Bengaluru		
1.	Dr. Mahadevaiah, C., Scientist	Genetics and Plant Breeding
2.	Dr. (Ms.) Deepa Samant, Scientist	Fruit Science
3.	Dr. Ayyagari V.V. Koundinya, Scientist	Vegetable Science
IARI PG Outreach Programme at NIASM, Baramati		
1.	Dr. Hanamant M. Halli, Scientist	Environmental Science

417.4.2. Recognition of the following 10 faculty members of IARI as Research guides for M.Sc. guidance in their respective disciplines as they met the prescribed requirements/eligibility criteria for becoming the research guides.

S. No.	Name of the Scientist & Designation	Name of the Discipline
1. *	Dr. Raju, R. Scientist	Agricultural Economics
2.	Dr. Rajkumar Dhakar, Scientist (SS)	Agricultural Physics
3.	Dr. (Ms.) Monika Kundu, Scientist (SS)	Agricultural Physics

4.	Dr. Subhash Babu, Senior Scientist	Agronomy
5.	Dr. (Ms.) Yasin Jeshima K., Scientist(SS)	Bioinformatics
6.	Dr. Ajai Kumar Tiwari, Pr. Scientist	Floriculture and Landscaping
7.	Dr. (Ms.) Babita Singh, Scientist	Floriculture and Landscaping
8.	Dr. (Ms.) Manjusha Verma, Pr. Scientist	Plant Genetic Resources
9.	Dr. (Ms.) Ruchi Bansal, Scientist(SS)	Plant Physiology
10.	Dr. Vijayakumar H.P., Senior Scientist	Seed Science and Technology

* considering the teaching and guidance experience in his previous institution

417.4.3. Recognition of the following two faculty members of IIHR Bengaluru as Research guide for PhD guidance in their respective disciplines as they met the prescribed requirements/eligibility criteria for becoming the research guides.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. S. Sriram, Pr. Scientist	Plant Pathology
2.	Dr. K. V.Ravishankar, Pr. Scientist	Plant Physiology

417.4.4. Provisional and conditional recognition of the following 12 Faculty Members as Research guide for Ph.D. guidance i.e., 8 Faculty members of IIHR Bengaluru and 4 Faculty member of CIAE Bhopal as **special case after giving some relaxations due to paucity of Research Guides at these Institutes to run the programme subject to monitoring and evaluation of their performance by the Standing Committee.**

S. No.	Name & Designation	Name of the Discipline	Recommended for Research Guide with relaxation
IARI PG outreach Programme at IIHR, Bengaluru			
1	Dr. (Ms.) Shamina Azeez, Pr. Scientist	Biochemistry	Relaxation of 1 M.Sc. Student Guidance
2	Dr. (Ms.) P.D.Kamala Jayanthi, National Professor	Entomology	Relaxation of 2year teaching experience
3	Dr. Kundan Kishore, Pr. Scientist	Fruit Science	--do--
4	Dr. Basavaprabhu L Patil, Pr. Scientist	MBB	--do--
5	Dr. (Ms.) T.R. Usharani, Senior Scientist	MBB	Relaxation of 1 M.Sc. Student Guidance
6	Dr. (Ms.)G. Sangeetha, Pr. Scientist	Plant Pathology	Relaxation of 2year teaching experience
7	Dr. Shivashankara K.S., Pr. Scientist	Plant Physiology	Relaxation of 1 year teaching experience
8	Dr. (Ms.)Smaranika Mishra, Scientist	Vegetable Science	Relaxation of 5year teaching experience
IARI PG outreach Programme at CIAE, Bhopal			
1.	Dr. Rajwade Yogesh Anand,Scientist	Agricultural Engineering (SWCE)	Relaxation of 2 M. Tech. students guidance

2.	Dr. Sandeep Mandal, Sr. Scientist	Agricultural Engineering (FPE)	--do--
3.	Dr. Narendera Singh Chandel, Sr. Scientist	Agricultural Engineering(FPE)	--do--
4.	Dr. Kate Adinath Eknath, Scientist	Agricultural Engineering (ASPE)	--do--

417.4.5. Provisional and conditional recognition of the following **3 Faculty members for NIBSM, Raipur and one each Faculty Members for IIAB, Ranchi and IARI-Jharkhand as Research guide for M.Sc. guidance as special case after giving some relaxations due to paucity of Research Guides at these Institutes to run the programme subject to monitoring and evaluation of their performance by the Standing Committee.**

IARI PG outreach Programme at NIBSM, Raipur			
1.	Dr. P. Mooventhan, Scientist	Agricultural Extension Education	Relaxation of 3year teaching experience
2.	Dr. Mallikarjuna, J. Scientist (Sr.Scale)	Entomology	--do--
3.	Dr. Shridhar Jandrajupalli Senior Scientist	Entomology	--do--
IARI PG outreach Programme at IIAB, Ranchi			
1.	Dr. Kishor Uttamrao Tribhuvan, Scientist	Molecular Biology and Biotechnology	--do--
IIAB, Jharkhand			
1.	Shashi Bhushan Choudhary, Sr. Scientist	Genetics and Plant Breeding	--do--

417.4.6.The Academic Council approved the recommendation of the Standing Committee the candidature of **Dr. S.C. Datta**, Former Emeritus Scientist, IARI for recognition as Adjunct Faculty, for a second term in the discipline of Soil Science.

Regarding other proposals from different disciplines, the Academic Council of the opinion that they may be first put up to the Standing Committee.

Agenda Item No. 417.5: Consideration of BSMA approved Courses and Syllabi recommended by the Standing Committee on Courses and Curricula for implementation from 2022-23 academic session

The Academic Council discussed the recommendations made by the Standing Committee on the BSMA courses/syllabi for all the teaching disciplines. After detailed discussion the Academic Council approved the following:

- As per BSMA recommendations, Course title, code and credit hour of courses are to be retained.
- For M.Sc./M.Tech. only 500 courses series are applicable.
- For Ph.D. only 600 series courses are applicable.
- For Ph.D. 500 series courses could be opted in supporting/others subjects.

- For Cross listed Courses, the credit hour must be kept same in both/many disciplines.
- New courses may be introduced in addition to BSMA approved recommendations, as per the need of the discipline and NEP provisions.
- The observations and anomalies on the BSMA reports concerning to some of the disciplines of IARI to be sent to DDG (Edn) for consideration.

Credit Requirements

	Masters' Programme	Doctoral Programme
(i) Course work		
Major courses	20	12
Minor courses	08	06
Supporting courses	06	05
Common courses	05	-
Seminar	01	02
(ii) Thesis Research	30	75
Total	70	100

Common Courses (Requirement: 05 Credits)

Course Code	Course Title	Credit Hours
*PGS501	Library and Information Services	0+1
*PGS502	Technical Writing and Communications Skills	0+1
*PGS503	Intellectual Property and its management in Agriculture	0+1
*PGS504	Basic Concepts in Laboratory Techniques	0+1
*PGS505	Agricultural Research, Research Ethics and Rural Development Programmes	0+1

The list of courses recommended by BOS of respective Disciplines and approved by the Academic Council are placed at **Appendix –I**

Agenda Item No. 417.6: *Consideration of Introduction of UG Programme, Diploma and Certificate courses, initiation of Sandwich PhD programme, Self-financing scheme for Indian, foreign and non-Resident Indian students and International faculty*

The Academic Council discussed the following proposals and recommendations of the Committees and approved them for initiation from 2022-23 academic session.

Sr. No.	Programme	Chairman of the Committee
1	B.Sc. (Hons) Agriculture at IARI, New Delhi, IARI Jharkhand, IARI Assam (60 seats each)	Dr. Rajbir Yadav, Head, Genetics
2	B. Tech. (Agricultural Engineering) at IARI New Delhi (30 seats)	Dr. D.K. Singh, Professor, Agril. Engg.
3	B.Tech. Biotechnology at NIPB, New Delhi and IIAB, Ranchi (30 seats each)	Dr. A.K. Shasany, Director, NIPB

4	B.Sc. (Hons) Community Science at IARI, New Delhi (30 seats)	Dr. R.N. Padaria, Head & Professor, Agril. Extn.
5	Diploma/ Certificate Courses	Dr. Alka Singh, Head and Professor, Agril. Economics
6	Sandwich PhD programme, Self-financing scheme for Indian, foreign and non-Resident Indian students and International faculty	Dr. C. Viswanathan, JD (Res.)

Certificate Courses (Duration: 3 Months)

1. Greenhouse Hydroponic and Aeroponic Farming (2022-23)
2. Disease and Pest Management (2022-23)
3. GAP for basmati farming (2023-24)
4. Farm Machinery Operation and Management (2023-24)

PG Diploma (Duration: One year)

1. Soil Testing and Nutrient Management (2022-23)
2. Seed Production, Processing and Quality Control (2022-23)
3. Data Science and Analytics (2022-23)
4. Abiotic Stress Management in Field and Horticultural Crops (2022-23)
5. Fruit Production Practices and Nursery Management (2023-24)
6. Organic Farming (2023-24)
7. Integrated Farming System

The Academic Council suggested that action may be taken through different committees as per the 5th Dean's Committee and Minimum requirements prescribed by ICAR for initiating the above new UG programme. The institute should also send a proposal to DDG (Edn.) on budget, fellowship, infrastructure, teaching and non-teaching staff requirement to initiate/support the UG programmes and also to meet the accreditation requirements.

The Academic Council discussed the existing fee structure for UG programme at ICAR-DUs and approved the same for the academic session 2022-23. The Academic Council was of the opinion that the fee should be increased at least by 10% annually for all the UG, PG and PhD programme.

Semester wise Fee Structure for the students admitted to B.Sc./B.Tech. programme

AT THE TIME OF ADMISSION/ REGISTRATION FOR 1st SEMESTER (2022-23)

i)	Registration Fee	Rs.500/-
ii)	Caution Money (Refundable)	Rs.10000/-
iii)	Tuition Fee for 1 st Semester	Rs.4000/-
iv)	Examination fee	Rs.600/-
v)	Hostel Fee	Rs.2000/- (Rs. 6000 for Married Hostel)
vi)	Water & Electricity Charges	Rs.1000/- (As per actual for Married and International Hostel)
vii)	PGS Journal Subscription Fee (Annual)	Rs. 200/-
viii)	P.G. School Calendar Charges (One Time)	Rs.200/-
ix)	PGSS Union Fee (Annual)	Rs.300/-
x)	PGSSU Magazine Fee (Annual)	Rs.100/-
xi)	Students' Sports Fund (Annual)	Rs.200/-
xii)	PGS Student's Welfare Fund (Annual)	Rs. 200/-
xiii)	PGSSU Cultural and Literary Activities Fee (Annual)	Rs.600/-
xiv)	Identity Card Fee (Annual)	Rs.100/-

xv) IARI Alumni Life Membership Fee (One Time) Rs.250/-

Total Rs. 20,250/-

AT THE TIME OF REGISTRATION FOR IInd SEMESTER (2022-23)

i)	Tuition Fee for II nd Semester	Rs. 4000/-
ii)	Hostel Fee	Rs.2000/--(Rs. 6000 for Married Hostel)
iii)	Water & Electricity Charges	<u>Rs. 1000/-</u> (As per actual for Married and International Hostel)

Total Rs. 7000/-

The recommendations of the Committee for initiation of Sandwich PhD programme, Self-financing scheme for Indian, foreign and non-Resident Indian students and International faculty is placed at Appendix-II

The recommendation of the Committee for initiation of Certificate and Diploma Courses is placed at Appendix-III

Agenda Item No. 417.7: Consideration of revision in guidelines on charge of Professorship as decided in HoDs meeting held on 07.05.2022

The Academic Council approved the revised guidelines for nomination of Principal Scientist as Professor to supervise the teaching and other academic activities of the discipline.

Sl. No.	Existing Criteria	Revised criteria approved by the Academic Council
1	The Principal Scientist should be a faculty member of the PG School in a particular discipline and should have at least 10 years teaching experience (i.e. should have taught at least 18 lectures, per year, at least for 5 years) in the relevant discipline.	The Principal Scientist should be a faculty member of the PG School in a particular discipline and should have at least 10 years teaching experience (i.e. should have taught at least 18 lectures, per year, at least for 5 years) in the relevant discipline. For outreach Institution scientists: 5 Year teaching experience
2	He/she should have guided at least four M.Sc./M.Tech./Ph.D. in his/her relevant discipline subject to the condition that he/she must have guided one Ph.D. student.	He/she should have guided at least Four M.Sc./M.Tech./Ph.D. students as Chairperson in his/her relevant discipline. Out of 4, Two must be Ph.D. students
3	The Principal Scientist should have published at least seven research papers during the last 10 years of service in reputed journals with NAAS score of 6 and above. Of the seven research papers, at least three papers should be from his/her M.Sc./M.Tech/Ph.D. students' thesis guided as Chairman.	The Principal Scientist should have published at least SEVEN research papers during the last FIVE years of service with NAAS score of 7 and above. Out of SEVEN research papers, at least two papers should be from his/her M.Sc./M.Tech./Ph.D.

		students' thesis guided as Chairperson.
4	Selection Procedure	
	Presentation/interview of short listed candidates before the Judging Committee consisting of Director, JDs and an External Expert	No presentation/interview. Senior most Principal Scientist who meets the above eligibility criteria will be nominated as Professor
5	Assessment criteria	
	70% weightage to achievements in teaching, research and extension and 30% weightage to Interview	NA
6	Tenure of Professorship	
	5 years	Three years and only one term (he/she should have a minimum 2 years' service before his/her superannuation)

Agenda Item No. 417.8: Consideration of Guidelines for Divisional Gold Medal Award proposal for Master and Doctoral Students

The Academic Council discussed the proposal received from Mrs. Urmil Aggarwal, San Diego, California, USA/o Late Dr. K. N. Synghal, Associate IARI 1945-1947, Joint Commissioner, Ministry of Food and Agriculture (1979) for instituting an annual Gold Medal Award to a graduating student in the School of Crop Enhancement to honor her late father Dr. Krishan Nath Synghal.

The Academic Council approved the following recommendations of the Committee under the chairmanship of Dean & Joint Director (Edn.) on such proposals:

1. Divisional level Gold Medal awards may be instituted in the memory of a scientist/ alumni of IARI, who has made outstanding contribution in research, teaching and /or extension in his/her field of specialization.
2. For institution of Gold Medal, the proposee (of the Gold Medal) will be required to deposit corpus money of Rs. 10.00 lakh (Ten lakh) with IARI.
3. The awardee will be awarded with a Gold Medal, Certificate and a cash prize of Rs. 10, 000 (Rupees ten thousand).
4. The amount of cash prizes of all Divisional Gold Medal Awards to be instituted henceforth will be kept same (*i.e.*, Rs. 10,000).

The Academic Council approved proposal to institute Divisional Gold Medal in the division of Soil Science and Agricultural Chemistry. The Gold Medal one each for MSc and PhD students will be awarded to the topper of M.Sc. and PhD students in the School of Natural Resource Management based on the marks obtained in IARI Merit Medal presentations. The propose of the Gold Medal Award would be informed accordingly.

Agenda Item No. 417.9: Considerations of Model MoU with SAUs, IRRI and other institutions

The Academic Council discussed the model framework of MoU between IARI and State Agricultural Universities and IRRI for collaboration in the area of research, teaching, technology transfer, exchange of students and faculty. After the detailed deliberations, the

Academic Council approved the model MoU for State Agricultural Universities and IRRI(**Appendix-IV**). The Chairman Academic Council was authorised to execute the MoU on case-to-case basis as per the requirement of the institute.

Agenda Item No. 417.10 Finalization of number of seats for admission to B.Sc./B.Tech., M.Sc./M.Tech. and Ph.D. degree programmes at IARI, New Delhi and at PG outreach institutions for the Academic Session 2022-23

The Academic Council finalized the number of seats for B.Sc./B.Tech., M.Sc./M.Tech. and Ph.D. programmes in various disciplines at IARI required for the Academic Session 2022-23. The seat requirement will be sent to the Education Division of ICAR as ICAR-NTA conduct the All India Entrance Examination 2022 for admission of 100% seats at ICAR-DUs.

417.10.1 Discipline –wise Seat positions for B.Sc./B.Tech. Programmes at ICAR-IARI, New Delhi, ICAR-IARI, Assam and ICAR 0-ARI, Jharkhand and ICAR – IIAB, Ranchi

IARI-New Delhi

S. No.	UG	UR+SC+ST	EWS	OBC	Total
1.	B.Sc. (Hons.) Agriculture	38	6	16	60
2.	B.Sc. (Hons.) Community Science	19	3	8	30
3.	B.Tech. Agricultural Engineering	19	3	8	30
4.	B.Tech. Biotechnology	19	3	8	30
Total		60+23+11	15	41	150

IARI-Assam

S. No.	UG	UR+SC+ST	EWS	OBC	Total
1.	B.Sc. (Hons.) Agriculture	24+9+5	6	16	60

IARI-Jharkhand

S. No.	UG	UR+SC+ST	EWS	OBC	Total
1.	B.Sc. (Hons.) Agriculture	24+9+5	6	16	60

IIAB-Ranchi

S. No.	UG	UR+SC+ST	EWS	OBC	Total
1.	B.Tech. Biotechnology	12+5+2	3	8	30

417.10.2 Discipline –wise Seat positions for M.Sc./M.Tech. Programmes at IARI, New Delhi, IARI-Assam and IARI-Jharkhand, NIASM- Baramati, NIBSM- Raipur and IIAB- Ranchi

IARI, New Delhi					
S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	AGRICULTURAL CHEMICALS	4	1	2	7
2.	AGRICULTURAL ECONOMICS	3	1	1	5
3.	AGRICULTURAL ENGINEERING	3	0	2	5

IARI, New Delhi					
S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
	(Farm Machinery & Power Engineering)				
4.	AGRICULTURAL ENGINEERING (Process & Food Engineering)	4	0	1	5
5.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	3	1	1	5
6.	AGRICULTURAL EXTENSION	5	1	2	8
7.	AGRICULTURAL PHYSICS	4	0	2	6
8.	AGRICULTURAL STATISTICS	6	1	3	10
9.	AGRONOMY	4	1	2	7
10.	BIOCHEMISTRY	4	1	2	7
11.	BIOINFORMATICS	4	0	2	6
12.	COMPUTER APPLICATION	4	1	3	8
13.	ENTOMOLOGY	5	1	2	8
14.	ENVIRONMENTAL SCIENCE	5	1	2	8
15.	FLORICULTURE AND LANDSCAPING	5	1	2	8
16.	FRUIT SCIENCE	4	1	2	7
17.	GENETICS AND PLANT BREEDING	5	1	3	9
18.	MICROBIOLOGY	5	1	2	8
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	7	1	2	10
20.	NEMATOLOGY	5	0	1	6
21.	PLANT GENETIC RESOURCES	5	0	1	6
22.	PLANT PATHOLOGY	6	1	3	10
23.	PLANT PHYSIOLOGY	4	1	2	7
24.	POST HARVEST MANAGEMENT	4	1	1	6
25.	SEED SCIENCE AND TECHNOLOGY	4	1	2	7
26.	SOIL SCIENCE	6	0	2	8
27.	VEGETABLE SCIENCE	5	1	3	9
28.	WATER SCIENCE AND TECHNOLOGY	3	0	1	4
	Total	126	20	54	200

IARI-ASSAM

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	AGRONOMY	2	0	1	3
2.	GENETICS AND PLANT BREEDING	3	0	0	3
3.	SOIL SCIENCE	1	1	1	3
4.	VEGETABLE SCIENCE	2	0	1	3
	Total	8	1	3	12

IARI-JHARKHAND

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	1	0	0	1
2.	ENTOMOLOGY	1	0	1	2
3.	ENVIRONMENTAL SCIENCE	1	1	0	2
4.	FRUIT SCIENCE	2	0	0	2
5.	GENETICS AND PLANT BREEDING	2	1	1	4
6.	MICROBIOLOGY	1	0	1	2

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
7.	PLANT PATHOLOGY	2	0	0	2
8.	SEED SCIENCE AND TECHNOLOGY	1	0	0	1
9.	SOIL SCIENCE	1	0	1	2
10.	VEGETABLE SCIENCE	1	0	1	2
	Total	13	2	5	20

NIASM-BARAMATI

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	2	0	1	3
2.	ENVIRONMENTAL SCIENCE	1	1	0	2
3.	PLANT PHYSIOLOGY	1	0	1	2
	Total	4	1	2	7

NIBSM-RAIPUR

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	ENTOMOLOGY	1	1	0	2
2.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	1	0	1	2
3.	PLANT PATHOLOGY	1	0	0	1
	Total	3	1	1	5

IIAB- RANCHI

S. No.	Discipline	UR+SC+ST	EWS	OBC	Total
1.	BIOCHEMISTRY	1	0	0	1
2.	GENETICS AND PLANT BREEDING	2	1	1	4
3.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	3	0	2	5
		6	1	3	10
	Grand Total	160	26	68	254

417.10.3 Discipline -wise Seat positions for Ph.D. Programmes at IARI, New Delhi, IARI PG outreach programme at CIAE and IIHR

IARI, New Delhi					
S. No.	Discipline	UR+ SC+ST	EWS	OBC	Total
1.	AGRICULTURAL CHEMICALS	6	1	3	10
2.	AGRICULTURAL ECONOMICS	5	1	2	8
3.	AGRICULTURAL ENGINEERING (Farm Machinery & Power Engineering)	4	1	2	7
4.	AGRICULTURAL ENGINEERING (Process & Food Engineering)	3	1	1	5
5.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	3	1	1	5
6.	AGRICULTURAL EXTENSION	7	1	3	11
7.	AGRICULTURAL PHYSICS	4	1	2	7
8.	AGRICULTURAL STATISTICS	6	1	3	10
9.	AGRONOMY	9	1	4	14

IARI, New Delhi					
S. No.	Discipline	UR+ SC+ST	EWS	OBC	Total
10.	BIOCHEMISTRY	6	1	3	10
11.	BIOINFORMATICS	5	1	2	8
12.	COMPUTER APPLICATION	6	1	3	10
13.	ENTOMOLOGY	7	1	3	11
14.	ENVIRONMENTAL SCIENCES	5	1	3	9
15.	FLORICULTURE AND LANDSCAPING	5	1	2	8
16.	FRUIT SCIENCE	6	1	3	10
17.	GENETICS AND PLANT BREEDING	11	1	4	16
18.	MICROBIOLOGY	7	1	3	11
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	9	1	4	14
20.	NEMATOLOGY	5	1	2	8
21.	PLANT GENETIC RESOURCES	6	1	2	9
22.	PLANT PATHOLOGY	10	1	4	15
23.	PLANT PHYSIOLOGY	5	1	2	8
24.	POST HARVEST MANAGEMENT	4	1	2	7
25.	SEED SCIENCE AND TECHNOLOGY	8	1	3	12
26.	SOIL SCIENCE	10	1	4	15
27.	VEGETABLE SCIENCE	8	1	3	12
28.	WATER SCIENCE AND TECHNOLOGY	3	1	1	5
	Total	173	28	74	275

CIAE, Bhopal

S. No.	Discipline	UR+ SC+ST	EWS	OBC	Total
1.	AGRICULTURAL ENGINEERING (Farm Machinery & Power Engineering)	3	0	0	3
2.	AGRICULTURAL ENGINEERING (Process & Food Engineering)	1	1	1	3
3.	AGRICULTURAL ENGINEERING (Soil & Water Conservation Engineering)	2	0	1	3
	Total	6	1	2	9

IIHR, Bengaluru

S. No.	Discipline	UR+ SC+ST	EWS	OBC	Total
1.	FLORICULTURE AND LANDSCAPING	3	0	1	4
2.	FRUIT SCIENCE	3	0	1	4
3.	POST HARVEST MANAGEMENT	1	0	1	2
4.	VEGETABLE SCIENCE	2	0	1	2
	Total	9	1	4	14
	Grand Total	188	30	80	298

417.10.4. In addition to the seats finalized for open stream, seats for admission to B.Sc./B.Tech, M.Sc. /M.Tech. & Ph.D. programmes under other streams are detailed below:

1. Faculty Up-gradation Scheme -10 seats for Ph.D.
2. ICAR-In-Service Nominee Scheme -10 seats for Ph.D.
3. Departmental (Scientific) -10 seats for Ph.D.
4. Departmental (Technical) -10 seats (5 seats each for M.Sc./M.Tech.& Ph.D.)
5. J & K migrants - 10 seats (5 seats each for M.Sc./M.Tech. & Ph.D.)
6. Children/widows of Security Forces -5 seats for M.Sc./M.Tech. & Ph.D.

7. Self-finance scheme for Indian, foreign national and Non-Resident Indian students in UG, PG and PhD Programme

7(i) Self-finance scheme – UG program (Total seats shall not exceed 40% over and above the intake of the programme). In 2022-23 academic session, 120 will be admitted under self-finance scheme for Indian, foreign, and NRI students put together.

- (a) Self-finance scheme – UG program for Indian Nationals(80 students; tuition fee Rs. 1 lakh per annum)
 (b) Self-finance scheme – UG program for Foreign Nationals & NRIs (40 students; tuition fee 4000US\$ per annum)

7(ii) Self-finance scheme – PG and Ph.D. programme for Foreign Nationals (50 seats in Academic session 2022-23; 25 each in MSc and PhD, respectively) (MSc- tuition fee 5000US\$ and PhD -4000US\$ per annum)

417.10.5. Due to paucity of hostel facilities, accommodation shall be provided as per the availability and merit.

Agenda Item No. 417.11 Consideration of revision in guidelines of Institute awards viz., (i) Best Women Scientist Award, (ii) NABARD Researcher of the Year Award, (iii) Dr. H.K. Jain Memorial Young Scientist Award, and (iv) Dr. A.B. Joshi Memorial Award

The Academic Council discussed the recommendations of the Committee constituted under the Chairmanship of Dean & Joint Director (Edn.) for revision in guidelines and allocation of marks for screening the applications for the above awards. After detailed deliberations, the Academic Council approved the revised guidelines and allocation of marks as per **Appendix-V**.


Agenda Item No.417.12 Consideration of change of degree nomenclature of Agricultural Extension to Agricultural Extension Education as per the BSMA Recommendation

The Academic Council modified existing nomenclature of ‘Agricultural Extension’ as ‘Agricultural Extension Education’ to maintain uniformity in the degree nomenclature as per the BSMA recommendation.

The meeting ended with the vote of thanks to the Chair.


 (PushendraKumar)
 Member-Secretary


 (A.K. Singh)
 Chairperson


 (S.S. Sindhu)
 Vice Chairperson

**DISCIPLINE WISE AND SEMESTER WISE DISTRIBUTION OF
COURSES AS PER BSMA RECOMMENDATION APPLICABLE FROM
THE ACADEMIC SESSION 2022-23**

AGRICULTURAL CHEMICALS

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
AC-501	INTRODUCTION TO AGROCHEMICALS	2	0
AC-502	CHEMICAL LABORATORY TECHNIQUES	1	2
AC-503*	BASIC CHEMISTRY	3	1
AC-504*	NATURAL PRODUCT CHEMISTRY	2	1
AC-506*	AGROCHEMICALS FOR INSECT, MITE AND TERMITE MANAGEMENT	2	1
AC-603	ADVANCED ORGANIC CHEMISTRY	2	1
AC-604	PESTICIDE METABOLISM, PERSISTENCE AND DECONTAMINATION	2	1
AC-591	MASTER'S SEMINAR	1	0
AC-691	DOCTORAL SEMINAR I	1	0
II-SEMESTER			
AC-505*	AGROCHEMICAL REGULATION, QUALITY CONTROL AND MANAGEMENT	2	0
AC-507	AGROCHEMICALS FOR DISEASE MANAGEMENT	2	1
AC-508	AGROCHEMICALS FOR WEED AND CROP MANAGEMENT	2	1
AC-509	CHROMATOGRAPHIC AND SPECTROSCOPIC TECHNIQUES	2	1
AC-510*	PESTICIDE RESIDUE CHEMISTRY	2	1
AC-601**	AGROCHEMICAL FORMULATION TECHNOLOGY	2	2
AC-602**	CHEMISTRY OF BIOPESTICIDES	2	1
AC-605	TERM PAPER (SPECIAL TOPICS IN AGROCHEMICALS)	1	0
AC-591	MASTER'S SEMINAR	1	0
AC-692	DOCTORAL SEMINAR II	1	0

*Core Courses for MSc

**Core Courses for PhD

AGRICULTURAL ECONOMICS

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
AEC-501*	MICRO ECONOMIC THEORY AND APPLICATIONS	3	0
AEC-502*	AGRICULTURAL PRODUCTION ECONOMICS	1	1
AEC-504*	MACRO ECONOMICS AND POLICY	2	0
AEC- 506**	AGRICULTURAL DEVELOPMENT AND POLICY ANALYSIS	2	0
AEC-509*	RESEARCH METHODOLOGY FOR SOCIAL SCIENCES	1	1
AEC-603*	ADVANCED ECONOMETRICS	2	1
AEC-607**	QUANTITATIVE DEVELOPMENT POLICY ANALYSIS	1	1
AEC-608	NATURAL RESOURCE MANAGEMENT	2	1
AEC-660	DOCTORAL SEMINAR	1	0
AEC-661	DOCTORAL SEMINAR	1	0
AEC-605	OPERATIONS RESEARCH	2	1
AEC-699	DOCTORAL RESEARCH	75	
II-SEMESTER			
AEC-503*	AGRICULTURAL MARKETING AND PRICE ANALYSIS	2	1
AEC-505*	ECONOMETRICS	2	1
AEC-507*	AGRICULTURAL FINANCE AND PROJECT MANAGEMENT	2	1
AEC-508*	LINEAR PROGRAMMING	1	1
AEC-511*	INTERNATIONAL ECONOMICS	1	1
AEC-512	INSTITUTIONAL ECONOMICS	1	0
AEC-513*	NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS	1	1
AEC-514	COMMODITY FUTURE TRADING	2	0
AEC-515*	DEVELOPMENT ECONOMICS	2	0
AEC-516	RURAL MARKETING	2	0
AEC-517	EVOLUTION OF ECONOMIC THOUGHT	1	0
AEC-591	MASTER'S SEMINAR	1	0

*Indicates Core Courses which are Compulsory for Master Programme by BSMA

** Divisional BoS recommended these courses also as Major course, hence

Total 20 +4 =24 credit hours for major course

AGRICULTURAL ENGINEERING

COURSE CODE	COURSE NAME	CREDIT -L	CREDIT -P
I-SEMESTER			
FARM MACHINERY POWER ENGINEERING			
FMPE501*	SOILDYNAMICSIN TILLAGEANDTRACTION	2+1	1
FMPE502*	TESTINGANDEVALUATIONOFAGRICULTURALEQUIPMENT	2+1	2
FMPE503*	ERGONOMICSANDSAFETYINFARMOPERATIONS	2+1	1
FMPE504	DESIGNOFTRACTORSYSTEMS	2+1	1
FMPE505	DESIGNOFFARMMACHINERY-I	2+1	1
FMPE506	DESIGNOFFARMMACHINERY-II	1+1	2
FMPE507*	MANAGEMENT OFFARMPowerANDMACHINERYSYSTEM	2+1	2
FMPE511	PRINCIPLESOFAUTOMATIONANDCONTROL	2+1	1
FMPE512	PRINCIPLESOFHYDRAULICANDPNEUMATICSYSTEMS	2+1	2
FMPE513	APPLIEDINSTRUMENTATION INFARMMACHINERY	2+1	1
FMPE514	SYSTEMS SIMULATIONANDCOMPUTERAIDEDPROBLEM SOLVINGENENGINEERING	1+1	1
FMPE515	COMPUTERAIDEDDESIGNOFMACHINERY	0+2	2
FMPE516	ADVANCEMANUFACTURINGTECHNOLOGIES	2+0	2
FMPE517	MACHINERYFORPRECISIONAGRICULTURE	2+1	1
FMPE518	MACHINERYFOR HORTICULTUREANDPROTECTEDAGRICULTURE	2+0	2
FMPE601*	ADVANCESIN FARMMACHINERYANDPOWERENGINEERING	2+1	1
FMPE602	ADVANCESINMACHINERYFORPRECISIONAGRICULTURE	2+1	2
FMPE603	ENERGYCONSERVATION ANDMANAGEMENT INPRODUCTIONAGRICULTURE	3+0	2
FMPE604	MECHANICSOFTILLAGEIN RELATIONTO SOILANDCROP	2+1	1
FMPE611	MECHANICSOFTRACTIONANDITS APPLICATION	2+1	2
FMPE612*	FARMMACHINERYMANAGEMENT ANDSYSTEMSENGINEERING	2+1	2
FMPE613	MACHINERYFORSPECIALFARMOPERATIONS	2+1	2
FMPE614	ERGONOMICSINWORKINGENVIRONMENT	2+1	1
PROCESSING AND FOOD ENGINEERING			
*PFE501	TRANSPORTPHENOMENAINFOODPROCESSING	2+1	1
*PFE502	UNITOPERATIONSINFOODPROCESSENGINEERING	2+1	1
*PFE503	FIELDCROSPROCESSENGINEERING	2+1	2
*PFE504	HORTICULTURALCROSPROCESSENGINEERING	2+1	2
PFE505	STORAGEENGINEERINGANDHANDLINGOFAGRICULTURALPRODUCE	2+1	1
PFE506	FOODPACKAGEENGINEERING	1+1	1
PFE507	INSTRUMENTATION ANDSENSORSINFOODPROCESSING	2+1	2

PFE508	APPLICATION OF ENGINEERING PROPERTIES IN FOOD PROCESSING	2+1	2
PFE509	FOOD QUALITY AND SAFETY	2+1	1
PFE510	FOOD PROCESSING TECHNOLOGIES	2+1	2
PFE511	FOOD PROCESSING EQUIPMENT AND PLANT DESIGN	1+1	2
PFE512	SEED PROCESS ENGINEERING	1+1	2
PFE513	AGRI-PROJECT PLANNING AND MANAGEMENT	2+1	1
PFE514	FARM STRUCTURES AND ENVIRONMENTAL CONTROL	2+1	2
PFE515	DAIRY PRODUCT PROCESSING	2+1	1
PFE516	PROCESSING OF MEAT, POULTRY AND FISH	2+1	1
PFE517	DESIGN OF AQUACULTURAL STRUCTURES	2+1	1
PFE518	THERMAL ENVIRONMENTAL ENGINEERING FOR AGRICULTURAL PROCESSING	2+1	2
*PFE601	ADVANCES IN FOOD PROCESS ENGINEERING	2+1	1
*PFE602	DRYING AND DEHYDRATION OF FOOD MATERIALS	2+1	2
PFE603	TEXTURAL AND RHEOLOGICAL CHARACTERISTICS OF FOOD MATERIALS	2+1	1
PFE604	AGRICULTURAL WASTE AND BY-PRODUCTS UTILIZATION	2+1	2
PFE605	MATHEMATICAL MODELING IN FOOD PROCESSING	3+0	1
PFE606	BIOPROCESS ENGINEERING	2+1	2
SOIL AND WATER CONSERVATION ENGINEERING			
*SWCE501	ADVANCED SOIL AND WATER CONSERVATION ENGINEERING	2+1	1
*SWCE502	APPLIED WATERSHED HYDROLOGY	2+1	1
SWCE503	SOIL AND WATER CONSERVATION STRUCTURES	2+1	2
SWCE504	STOCHASTIC HYDROLOGY	2+1	1
*SWCE505	WATERSHED MANAGEMENT AND MODELING	2+1	2
SWCE506	FLOW THROUGH POROUS MEDIA	2+0	2
SWCE507/IDE507	REMOTE SENSING AND GIS FOR LAND AND WATER RESOURCE MANAGEMENT	2+1	1
SWCE508	CLIMATE CHANGE AND WATER RESOURCES	3+0	1
SWCE509	NUMERICAL METHODS IN HYDROLOGY	2+0	2
SWCE510	DRY LAND WATER MANAGEMENT TECHNOLOGIES	2+0	2
*SWCE601	ADVANCES IN HYDROLOGY	2+1	2
*SWCE602	SOIL AND WATER SYSTEMS SIMULATION AND MODELING	2+1	1
SWCE603	RESERVOIR OPERATION AND RIVER BASIN MODELING	2+1	2
SWCE604	MODELING SOIL EROSION PROCESSES AND SEDIMENTATION	2+1	1
SWCE605	WASTEWATER TREATMENT AND UTILIZATION	3+0	1
SWCE606	HYDRO-CHEMICAL MODELING	2+0	2
SWCE691	SEMINAR-I	0+1	1/2
SWCE692	SEMINAR-II	0+1	1/2
SWCE699	THESIS RESEARCH	0+75	1/2

AGRICULTURAL EXTENSION

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
EXT 501*	EXTENSIONLANDSCAPE	2	0
EXT 502*	APPLIEDBEHAVIOURCHANGE	2	1
EXT 503*	ORGANISATIONALBEHAVIOURANDDEVELOPMENT	2	1
EXT 504*	RESEARCHMETHODOLOGYINEXTENSION	2	1
EXT 505*	CAPACITYDEVELOPMENT	2	1
EXT511***	FOUNDATIONS OF EXTENSION EDUCATION	2	1
EXT-601*	POLICY ENGAGEMENT AND EXTENSION	2	1
EXT-602*	METHODOLOGIES FOR SOCIAL AND BEHAVIOURAL SCIENCES	2	1
EXT-603*	TECHNOLOGY COMMERCIALIZATION AND INCUBATION	2	1
EXT-608**	ADVANCES IN AGRICULTURAL EXTENSION EDUCATION	2	1
EXT-609**	AGRICULTURAL JOURNALISM	2	1
EXT-591	MASTER'S SEMINAR	1	1
EXT-691	DOCTORAL SEMINAR	1	1
EXT-692	DOCTORAL SEMINAR	1	1
EXT 501*	EXTENSIONLANDSCAPE	2	0
EXT 502*	APPLIEDBEHAVIOURCHANGE	2	1
II-SEMESTER			
EXT 506*	ICTS FOR AGRICULTURAL EXTENSION AND ADVISORY SERVICES	2	1
EXT 507*	EVALUATIONANDIMPACTASSESSMENT	2	1
EXT 508	MANAGING EXTENSION ORGANISATIONS	2	1
EXT 509	ENABLING INNOVATION	2	1
EXT 510	GENDER MAINSTREAMING	2	1
EXT-604*	EDUCATIONAL TECHNOLOGY AND INSTRUCTIONAL DESIGN	2	1
EXT-605	RISK MANAGEMENT AND CLIMATE CHANGE ADAPTATION	2	1
EXT-606	LIVELIHOOD DEVELOPMENT	1	1
EXT-607	FACILITATION FOR PEOPLE CENTRIC DEVELOPMENT	2	1
EXT-610**	EMERGING TECHNOLOGIES IN AGRICULTURE	2	1
EXT-591	MASTER'S SEMINAR	1	0
EXT-691	DOCTORAL SEMINAR	1	0
EXT-692	Doctoral Seminar	1	0
Research work			
EXT-599	Master's research	30 credits	

EXT-699	Doctoral research	75 credits	
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***Core courses recommended by BSMA**

**** Proposal for continuance of existing courses at IARI**

***** Proposal for introduction of new courses**

AGRICULTURAL PHYSICS

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
AP 501*	BASIC CONCEPTS OF AGRICULTURAL PHYSICS -I	2	1
AP 502*	BASIC CONCEPTS OF AGRICULTURAL PHYSICS -II	3	0
AP 503	FUNDAMENTALS OF SOIL PHYSICS	2	1
AP 504*	MATHEMATICS IN AGRICULTURE	3	0
AP 505	FUNDAMENTALS OF METEOROLOGY	2	1
AP 506*	PRINCIPLES OF BIOPHYSICS	2	1
AP 507	PRINCIPLES OF REMOTE SENSING	2	1
AP 591	MASTER'S SEMINAR	1	0
AP 599	MASTER'S RESEARCH	30	0
AP 601*	ADVANCED OF SOIL PHYSICS	2	1
AP 603	CROP MICROMETEOROLOGY AND EVAPOTRANSPIRATION	2	1
AP 604*	DIGITAL IMAGE PROCESSING	1	1
AP 691	DOCTORAL SEMINAR I	1	0
AP 599	MASTER RESEARCH	30	
II-SEMESTER			
AP 508	PHYSICS OF SOIL AND WATER CONSERVATION	2	1
AP 509	GENERAL CLIMATOLOGY	2	1
AP 510	SOIL PHYSICAL ENVIRONMENT AND PLANT GROWTH	2	1
AP 511	SIMULATION OF SOIL, PLANT AND ATMOSPHERIC PROCESSES	2	1
AP 512	PRINCIPLES OF PHYSICAL TECHNIQUES IN AGRICULTURE	2	1
AP513	PRINCIPLES AND APPLICATIONS OF GIS AND GPS	2	1
AP 514	NANOSCIENCE AND TECHNOLOGY FOR AGRICULTURE	2	0
AP 515	REMOTE SENSING IN AGRICULTURE	2	1
AP 602	APPLIED SOIL PHYSICS	2	1
AP 605	SATELLITE AGROMETEOROLOGY	2	1
AP 606	SENSORS FOR SOIL, CROP AND ENVIRONMENT MONITORING	2	1
AP 607	WEATHER HAZARDS AND ITS MANAGEMENT	2	0
AP 692	DOCTORAL SEMINAR II	1	0
AP 699	DOCTORAL RESEARCH	75	

- * Core Courses for M.Sc. and Ph.D.

AGRICULTURAL STATISTICS

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
*STAT552	PROBABILITYTHEORY	2	0
*STAT553	STATISTICALMETHODS	2	1
*STAT571	MULTIVARIATEANALYSIS	2	1
*STAT572	REGRESSIONANALYSIS	1	1
*STAT573	STATISTICALCOMPUTING	1	1
STAT591	SEMINAR	0	1
STAT551	MATHEMATICS-I	3	0
STAT554	ACTUARIALSTATISTICS	2	0
STAT555	BIOINFORMATICS	2	0
STAT556	ECONOMETRICS	2	0
STAT574	TIMESERIESANALYSIS	1	1
STAT575	DEMOGRAPHY	2	0
STAT576	STATISTICALMETHODSFORLIFESCIENCES	2	0
STAT577	STATISTICALECOLOGY	2	0
STAT501	MATHEMATICS FOR APPLIED SCIENCES	2	0
STAT502	STATISTICAL METHODS FOR APPLIED SCIENCES	3	1
STAT521	APPLIEDREGRESSIONANALYSIS	2	1
STAT522	DATAANALYSISUSINGSTATISTICALPACKAGES	2	1
*STAT 601	ADVANCED DATA ANALYTICS	1	2
*STAT 602	SIMULATION TECHNIQUES	1	1
*STAT 603	LINEAR MODELS	2	0
*STAT 604	ADVANCED STATISTICAL METHODS	2	1
STAT 691	SEMINAR I	0	1
STAT 605	MODELING TECHNIQUES FOR FORECASTING	2	1
STAT 606	STOCHASTIC PROCESSES	2	0
STAT 607	SURVIVAL ANALYSIS	2	0
STAT 608	SPATIAL STATISTICS	1	1
STAT 692	SEMINAR II	0	1
STAT 699	RESEARCH	75	0
II-SEMESTER			
*STAT562	STATISTICALINFERENCE	2	1
*STAT563	DESIGNOF EXPERIMENTS	2	1
*STAT564	SAMPLINGTECHNIQUES	2	1

*STAT565	STATISTICALGENETICS	2	1
STAT561	MATHEMATICS-II	2	0
STAT566	STATISTICALQUALITYCONTROL	2	0
STAT567	OPTIMIZATIONTECHNIQUES	1	1
STAT511	EXPERIMENTALDESIGNS	2	1
STAT512	BASICSAMPLINGTECHNIQUES	2	1
STAT 613	ADVANCED SAMPLING TECHNIQUES	2	1
STAT 614	ADVANCED STATISTICAL GENETICS	2	1
STAT 615	ADVANCED TIME SERIES ANALYSIS	2	0
STAT 616	ADVANCED BIOINFORMATICS	2	0
STAT 612	ADVANCED DESIGN OF EXPERIMENTS	2	1
STAT 610#	ADVANCED STATISTICAL INFERENCE	3	0
*STAT 611	BAYESIAN INFERENCE	2	0
STAT 691	SEMINAR I	0	1
STAT 692	SEMINAR II	0	1
STAT 699	RESEARCH	75	0

*Core Courses which are Compulsory for M.Sc. and Ph.D. Programme

New course to be added

AGRONOMY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
AGRON 501*	MODERN CONCEPTS IN CROP PRODUCTION	3	0
AGRON 503*	PRINCIPLES AND PRACTICES OF WEED MANAGEMENT	2	1
AGRON505	CONSERVATION AGRICULTURE	1	1
AGRON 506	AGRONOMY OF MAJOR CEREALS AND PULSES	2	0
AGRON 508	AGRONOMY OF MEDICINAL, AROMATIC AND UNDER-UTILIZED CROPS	2	1
AGRON 510/ ES 510	AGROSTOLOGY AND AGROFORESTRY	2	1
AGRON 511	CROPPING SYSTEM AND SUSTAINABLE AGRICULTURE	2	0
AGRON550	MASTER'S SEMINAR	1	0
AGRON 602*	RECENT TRENDS IN CROP GROWTH AND PRODUCTIVITY	2	1
AGRON 603	IRRIGATION MANAGEMENT	2	1
AGRON 606	SOIL CONSERVATION AND WATERSHED MANAGEMENT	2	1
AGRON 608	RESEARCH AND PUBLICATION ETHICS	2	0
AGRON 691	DOCTORAL SEMINAR I	1	0
AGRON 699	DOCTORAL RESEARCH	75	
AGRON560	MASTER'S RESEARCH	30	
II-SEMESTER			
AGRON 502*	PRINCIPLES AND PRACTICES OF SOIL FERTILITY AND NUTRIENT MANAGEMENT	2	1
AGRON 504*	PRINCIPLES AND PRACTICES OF WATER MANAGEMENT	2	1
AGRON 507	AGRONOMY OF OILSEED, FIBRE AND SUGAR CROPS	2	1
AGRON 509	AGRONOMY OF FODDER AND FORAGE CROPS	2	1
AGRON 512	DRYLAND FARMING AND WATERSHED MANAGEMENT	2	1
AGRON 513	PRINCIPLES AND PRACTICES OF ORGANIC FARMING	2	1
AGRON550	MASTER'S SEMINAR	1	0
AGRON560	MASTER'S RESEARCH	30	
AGRON 601*	CURRENT TRENDS IN AGRONOMY	3	0
AGRON 604	RECENT TRENDS IN WEED MANAGEMENT	2	0
AGRON 605	INTEGRATED FARMING SYSTEMS FOR SUSTAINABLE AGRICULTURE	2	0
AGRON 607	STRESS CROP PRODUCTION	2	1
AGRON 609	EXPERIMENTAL TECHNIQUES IN AGRONOMY	2	1
AGRON 692	DOCTORAL SEMINAR II	1	0
AGRON 699	DOCTORAL RESEARCH	75	

* Compulsory Courses; AGRON 510/ES 510 Joint Courses with Environmental Sciences

BIOCHEMISTRY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
BIOCHEM 501*	BASIC BIOCHEMISTRY	3	1
BIOCHEM 503*	ENZYMOLGY	2	1
BIOCHEM 508	ANIMAL BIOCHEMISTRY	3	0
BIOCHEM 509	NUTRITIONAL BIOCHEMISTRY	2	1
BIOCHEM 510	NITROGEN AND SULPHUR METABOLISM	2	1
BIOCHEM 602	ADVANCED MOLECULAR BIOLOGY	3	0
BIOCHEM 603	BIOCHEMISTRY OF BIOTIC AND ABIOTIC STRESSES	3	0
BIOCHEM 604	FRONTIER TOPICS IN BIOCHEMISTRY	2	0
BIOCHEM 606	BIOMEMBRANES	2	0
BIOCHEM 607*	APPLICATIONS OF TECHNIQUES IN BIOCHEMISTRY	1	2
BIOCHEM 691	DOCTORAL SEMINAR-I	1	0
BIOCHEM 591	MASTER'S SEMINAR	1	0
BIOCHEM 599	MASTER'S RESEARCH	30	
II-SEMESTER			
BIOCHEM 502*	INTERMEDIARY METABOLISM	3	0
BIOCHEM 504	MOLECULAR BIOLOGY	2	1
BIOCHEM 505*	TECHNIQUES IN BIOCHEMISTRY	2	2
BIOCHEM 506	IMMUNO CHEMISTRY	2	1
BIOCHEM 507	PLANT BIOCHEMISTRY	2	1
BIOCHEM 511	BIOCHEMISTRY ON XENOBIOTICS	2	0
BIOCHEM 591	MASTER'S SEMINAR	1	0
BIOCHEM 601*	ADVANCED ENZYMOLOGY	2	1
BIOCHEM 605	CONCEPTS AND APPLICATIONS OF OMICS IN BIOLOGICAL SCIENCE	3	0
BIOCHEM 608**	INDUSTRIAL BIOCHEMISTRY	2	1
BIOCHEM 692	DOCTORAL SEMINAR-II	1	0
BIOCHEM 599	DOCTORAL RESEARCH	75	

*Core course

** New Course proposed

BIOINFORMATICS

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
BI 501	INTRODUCTION TO BIOINFORMATICS & COMPUTATIONAL BIOLOGY	2	1
BI 503	GENOME ASSEMBLY AND ANNOTATION	1	1
BI 504	BIOMOLECULAR MODELLING AND SIMULATION	2	1
BI 505	TRANSCRIPTOMICS AND METAGENOMICS	2	1
BI 506	BIOLOGICAL DATA MANAGEMENT	2	1
BI 507	BIOLOGICAL NETWORK MODELLING AND ANALYSIS	2	1
BI 510	GRAPHICS AND VISUALIZATION OF BIOLOGICAL DATA	1	1
BI 605	#COMPARATIVE AND FUNCTIONAL GENOMICS	1	1
BI 606	PHYLOGENETICS	2	1
BI 607	#R AND HIGH DIMENSIONAL GENOME DATA	1	1
BI 608	PHARMACOGENOMICS & IPR	3	1
BI 609	BIOLOGICAL DATA INTEGRATION AND QUALITY CONTROL	1	1
II-SEMESTER			
BI 508	COMPUTER PROGRAMMING IN BIOINFORMATICS	2	1
BI 509	MACHINE LEARNING TECHNIQUES IN BIOINFORMATICS	2	1
BIF 511	OPTIMIZATION TECHNIQUES IN BIOINFORMATICS	1	1
BIF 512	PROTEOMICS AND METABOLOMICS	2	1
BI 601	GENOME WIDE ASSOCIATION STUDY	2	1
BI 602	#COMPUTATIONAL ANALYSIS OF NON-CODING RNAS	1	1
BI 603	#BIG DATA ANALYTICS	1	1
BI 604	#SYSTEMS BIOLOGY	3	0
BI 610	QUANTUM THEORY AND APPLICATIONS IN BIOINFORMATICS	1	1
BI 591/592	MASTER'S SEMINAR-I/II	1	0
BI 691/692	DOCTORAL SEMINAR-I/II	1	0

* Indicates Core Courses which are Compulsory for Ph.D. Programme

indicates New Courses introduced

COMPUTER APPLICATION

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
*MCA 513	MATHEMATICS FOR APPLIED SCIENCES	2+0	I
*MCA 514	STATISTICAL COMPUTING	1+1	III
*MCA 551	MATHEMATICAL FOUNDATIONS IN COMPUTER SCIENCE	3+0	I
*MCA 552	OBJECT ORIENTED PROGRAMMING	2+1	I
*MCA 553	DESIGN AND ANALYSIS OF ALGORITHMS	2+1	I
*MCA 571	DATABASE MANAGEMENT SYSTEMS	2+1	III
*MCA 572	SOFTWARE ENGINEERING	2+0	III
MCA 573	OPERATING SYSTEM	2+1	III
MCA 574	COMPILER CONSTRUCTION	2+1	III
MCA 575	DATA WAREHOUSING AND DATA MINING	2+1	III
MCA 501	COMPUTERS FUNDAMENTALS AND PROGRAMMING	2+1	I
MCA 502	COMPUTER ORGANIZATION AND ARCHITECTURE	2+0	I
NOT ASSIGNED	ARTIFICIAL INTELLIGENCE	2+1	III
MCA 603	SIMULATION AND MODELING	1+1	I
MCA 604	INTRODUCTION TO BIG DATA	2+1	I
MCA 605	INTRODUCTION TO IOT	2+1	I
MCA 606	MANAGEMENT INFORMATION SYSTEMS	2+0	I
NOT ASSIGNED	FUZZY SETS AND ROUGH SETS	2+1	I
NOT ASSIGNED	ANN AND DEEP LEARNING	2+1	I
NOT ASSIGNED	DIGITAL IMAGE PROCESSING	2+1	I
II-SEMESTER			
*MCA 561	DATA STRUCTURES	2+1	II
*MCA 562	SYSTEM SOFTWARE AND PROGRAMMING	2+1	II
*MCA 563	INTERNET TECHNOLOGIES	1+1	II
MCA 564	BIOINFORMATICS COMPUTING	1+1	II
MCA 565	SOFT COMPUTING TECHNIQUES	1+1	II
*MCA 611	COMPUTER ORIENTED NUMERICAL ANALYSIS	2+1	II
*MCA 612	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	2+1	II
*MCA 615	BIOINFORMATICS COMPUTING	2+0	II
MCA 691	SEMINAR I	0+1	I/II
MCA 692	SEMINAR II	0+1	I/II
MCA 511	INTRODUCTION TO COMMUNICATION TECHNOLOGIES	1+1	II
MCA 613	MULTIMEDIA AND ITS APPLICATIONS	1+1	II
MCA 614	KNOWLEDGE BASED SYSTEMS FOR SEMANTIC WEB	1+1	II
NOT ASSIGNED	NATURAL LANGUAGE PROCESSING	2+1	II

ENTOMOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
ENT501*	INSECT MORPHOLOGY	2	1
ENT502*	INSECT ANATOMY AND PHYSIOLOGY	2	1
ENT503*	INSECT TAXONOMY	2	1
ENT505*	BIOLOGICAL CONTROL OF INSECT PESTS AND WEEDS	2	1
ENT509*	PESTS OF FIELD CROPS	2	1
ENT510*	PESTS OF HORTICULTURE AND PLANTATION CROPS	2	1
ENT511*	POST HARVEST ENTOMOLOGY	2	1
ENT515	TECHNIQUES IN PLANT PROTECTION	0	1
ENT516	APICULTURE	2	1
ENT517	SERICULTURE	2	1
ENT518	LAC CULTURE	2	1
ENT520	PLANT QUARANTINE, BIOSAFETY AND BIOSECURITY	2	0
ENT521	EDIBLE AND THERAPEUTIC INSECTS	1	1
ENT522	MEDICAL AND VETERINARY ENTOMOLOGY	1	1
ENT523	FOREST ENTOMOLOGY	1	1
ENT524	MASTER'S SEMINAR	1	0
ENT599	MASTER'S RESEARCH	30	
ENT601*	INSECT PHYLOGENY AND SYSTEMATICS	1	2
ENT603*	INSECT ECOLOGY AND DIVERSITY	1	2
ENT604*	INSECT BEHAVIOUR	1	1
ENT606*	INSECT TOXICOLOGY AND RESIDUES	1	2
ENT607	PLANT RESISTANCE TO INSECTS	1	1
ENT608	ACAROLOGY	1	1
ENT609	MOLECULAR ENTOMOLOGY	1	1
ENT691	INTEGRATED PEST MANAGEMENT	2	0
ENT692*	DOCTORAL SEMINAR	1	0
ENT699	DOCTORAL RESEARCH	75	
II-SEMESTER			
ENT504*	INSECT ECOLOGY	2	1
ENT506*	TOXICOLOGY OF INSECTICIDES	2	1
ENT507*	HOST PLANT RESISTANCE	1	1
ENT508*	CONCEPTS OF INTEGRATED PEST MANAGEMENT	2	0
ENT510*	PESTS OF HORTICULTURE AND PLANTATION CROPS	2	1
ENT512	INSECT VECTORS OF PLANT PATHOGENS	2	1
ENT513	PRINCIPLES OF ACAROLOGY	2	1
ENT514	VERTEBRATE PEST MANAGEMENT	2	1
ENT519	MOLECULAR APPROACHES IN ENTOMOLGOY	2	1
ENT602*	INSECT PHYSIOLOGY AND NUTRITION	1	2
ENT605*	BIO-INPUTS FOR PEST MANAGEMENT	1	2

Core Courses for M.Sc. and PhD.

ENVIRONMENTAL SCIENCES

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
ES 501	INTRODUCTION TO ENVIRONMENTAL SCIENCES	2	1
ES 502	ENVIRONMENTAL CHEMISTRY	2	1
ES 503/ PP605	CLIMATE CHANGE AND CLIMATE SMART AGRICULTURE	2	1
ES 504	INSTRUMENTAL METHODS FOR ENVIRONMENTAL MONITORING	2	1
ES 506	ENVIRONMENTAL POLLUTION	2	1
ES 601	ANALYSIS OF AGROECOSYSTEM	2	1
ES 602	ENVIRONMENTAL IMPACT ASSESSMENT	2	1
ES 603	WASTE MANAGEMENT	2	1
ES 604	CROP GEOGRAPHY AND ECOLOGY	2	1
ES 591	MASTERS SEMINAR	1	0
ES 691	DOCTORAL SEMINAR I	1	0
ES 692	DOCTORAL SEMINAR II	1	0
II-SEMESTER			
ES 505	ENVIRONMENTAL ENGINEERING	2	1
ES 507	ENVIRONMENTAL MICROBIOLOGY AND ECOLOGY	2	1
ES 508	BIOFULES AND ENVIRONMENTAL PROTECTION	2	1
ES 509	ENVIRONMENTAL TOXICOLOGY	2	1
ES 510/AGRON 510	AGROSTOLOGY AND AGROFORESTRY	2	1
ES 511	ENVIRONMENTAL GEOSCIENCES	2	0
ES 605	BIODIVERSITY	2	1
ES 606/SWE 606	PLANT GROWTH MODELING AND SIMULATION OF ECOLOGICAL PROCESSES	2	1
ES 607	INTRODUCTION TO ENVIRONMENT LAW AND POLICY	2	1
ES 591	MASTERS SEMINAR	1	0
ES 691	DOCTORAL SEMINAR I	1	0
ES 692	DOCTORAL SEMINAR II	1	0

Core courses:

MSc: ES 501, ES 502, ES 503, ES 504

PhD: ES 601, ES 602

FLORICULTURE AND LANDSCAPING

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
FLS501*	SYSTEMATIC OF ORNAMENTAL PLANTS	2	1
FLS502*	BREEDING OF ORNAMENTAL PLANTS	2	1
FLS504*	COMMERCIAL PRODUCTION OF LOOSE FLOWERS	2	1
FLS505*	ORNAMENTAL GARDENING AND LANDSCAPING	2	1
FLS509	VALUE ADDITION IN FLORICULTURE	2	1
FLS512	SEED PRODUCTION IN FLOWER CROPS	1	1
FSC515/VSC515/FLS 515#	BASIC HORTICULTURE	2	1
FLS 591	SEMINAR	0	1
FLS.601**	CROP REGULATION IN ORNAMENTAL CROPS	1	1
FLS.602**	POST HARVEST BIOLOGY OF FLORICULTURAL CROPS	2	1
FLS.604	BIOTECHNOLOGICAL APPROACHES IN FLORICULTURAL CROPS	2	1
FLS.605**	ADVANCES IN LANDSCAPING	1	1
FLS.608	CURRENT TRENDS IN PRODUCTION TECHNOLOGY OF FLORICULTURAL CROPS	2	1
FLS 691	SEMINAR I	0	1
II-SEMESTER			
FLS 503*	COMMERCIAL PRODUCTION OF CUT FLOWERS	2	1
FLS 506	INDOOR PLANTS AND INTERIORSCAPING	1	1
FLS 507	NURSERY MANAGEMENT IN ORNAMENTAL PLANTS	2	1
FLS 508	TURF GRASS MANAGEMENT	2	1
FLS 510	PROTECTED CULTIVATION OF FLOWER CROPS	2	1
FLS 511	CAD FOR LANDSCAPING	1	2
FLS 591	SEMINAR	0	1
FLS 603	SPECIALITY FLOWERS, FILLERS AND CUT GREENS	1	1
FLS 606	VERTICAL GARDENING	1	2
FLS 607	MODERN APPROACHES IN BREEDING OF FLORICULTURAL CROPS	2	1
FLS 609	RECENT DEVELOPMENTS IN PROTECTED CULTIVATION OF FLORICULTURAL CROPS	2	1
FLS 692	SEMINAR-II	0	1

*Compulsory Courses for M.Sc., # Cross Listed Course (new course introduced in addition to the courses recommended by BSMA)

Note: All finalized courses (for M.Sc. programme) including their content are as per BSMA recommendations except one Cross Listed Course i.e. Course No. FSC515/VSC515/FLS 515# (Basic Horticulture, 2L+1P).

FRUIT SCIENCE

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
FSC 501*	TROPICAL FRUIT PRODUCTION	2	1
FSC 503*	PROPAGATION AND NURSERY MANAGEMENT OF FRUIT CROPS	2	1
FSC 505	SYSTEMATICS OF FRUIT CROPS	2	1
FSC 506	CANOPY MANAGEMENT IN FRUIT CROPS	1	1
FSC 510	ORGANIC FRUIT CULTURE	2	1
FSC 512	CLIMATE CHANGE AND FRUIT CROPS	1	0
FSC /VSC/ FLS-515#	BASIC HORTICULTURE	2	1
FSC 591	MASTERS SEMINAR	0	1
FSC 601*	INNOVATIVE APPROACHES IN FRUIT BREEDING	3	0
FSC 602*	MODERN TRENDS IN FRUIT PRODUCTION	3	0
FSC 606	ABIOTIC STRESS MANAGEMENT IN FRUIT CROPS	2	1
FSC 607	BIODIVERSITY AND CONSERVATION OF FRUIT CROPS	2	1
FSC 691	DOCTORAL SEMINAR-I	1	0
II-SEMESTER			
FSC 502*	SUB-TROPICAL AND TEMPERATE FRUIT PRODUCTION	2	1
FSC 504*/GPB 514#	BREEDING OF FRUIT CROPS	2	1
FSC 507	GROWTH AND DEVELOPMENT OF FRUIT CROPS	2	1
FSC 508	NUTRITION OF FRUIT CROPS	2	1
FSC 509	BIOTECHNOLOGY OF FRUIT CROPS	2	1
FSC 511	EXPORT ORIENTED FRUIT PRODUCTION	2	1
FSC 513	MINOR FRUIT PRODUCTION	2	1
FSC 591	MASTERS SEMINAR	0	1
FSC 603	RECENT DEVELOPMENTS IN GROWTH REGULATION	3	0
FSC 604	ADVANCED LABORATORY TECHNIQUES	1	2
FSC 605	ARID AND DRY LAND FRUIT PRODUCTION	2	0
FSC 608	SMART FRUIT PRODUCTION	2	0
FSC 692	DOCTORAL SEMINAR-II	1	0
FSC 699	DOCTORAL RESEARCH	75	

*Compulsory Courses for M.Sc., # Cross Listed Course (new course introduced in addition to the courses recommended by BSMA)

GENETICS AND PLANT BREEDING

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
GPB501*	PRINCIPLES OF GENETICS	2	1
GPB502*	PRINCIPLES OF PLANT BREEDING	2	1
GPB505**	PRINCIPLES OF CYTOGENETICS	2	1
GPB508	MUTAGENESIS AND MUTATION BREEDING	2	1
GPB511	CROP BREEDING-I (KHARIF CROPS)	2	1
GPB517****	GERMPLASM CHARACTERIZATION AND EVALUATION	1	1
GPB518	GENETIC ENHANCEMENT FOR PGR UTILIZATION	1	1
GPB591	SEMINAR	1	
GPB599	THESIS/RESEARCH	30	
GPB601*	ADVANCES IN PLANT BREEDING SYSTEMS	3	1
GPB602	ADVANCES IN BIOMETRICAL GENETICS	2	1
II-SEMESTER			
GPB503*	FUNDAMENTALS OF QUANTITATIVE GENETICS	2	1
GPB504	VARIETAL DEVELOPMENT AND MAINTENANCE BREEDING	1	1
GPB506*	MOLECULAR BREEDING AND BIOINFORMATICS	2	1
GPB509	HYBRID BREEDING	2	1
GPB510	SEED PRODUCTION AND CERTIFICATION	1	1
GPB507	BREEDING FOR QUALITY AND SPECIAL TRAITS	2	1
GPB602	ADVANCES IN BIOMETRICAL GENETICS	2	1
GPB603	MOLECULAR CYTOGENETIC FOR CROP IMPROVEMENT	2	0
GPB604****	PLANT GENETICS RESOURCES, CONSERVATION AND UTILIZATION	2	0
GPB605*	GENOMICS IN PLANT BREEDING	3	0
GPB607	CROP EVOLUTION	3	0
GPB608	BREEDING DESIGNER CROPS	1	1
GPB609*	IPR AND REGULATORY MECHANISM (E-COURSE)	1	0
GPB610***	DEVELOPMENT OF GENE CONCEPT	3	0
GPB611***	PLANT GENE EXPRESSION AND REGULATION	3	0
GPB612***	GENETIC DATA ANALYSIS	0	2
GPB691	SEMINAR I	1	
GPB692	SEMINAR II	1	
GPB699	THESIS/RESEARCH	75	
GPB512	CROP BREEDING-II (RABI CROPS)	2	1
GPB513*****	BREEDING VEGETABLE CROPS	2	1
GPB514##	BREEDING FRUIT CROPS	2	1
GPB515*****	BREEDING ORNAMENTAL CROPS	2	1
GPB516	BREEDING FOR STRESS RESISTANCE AND CLIMATE CHANGE	2	1

GPB519***	DEVELOPMENT OF GENE CONCEPT	3	0
GPB520***	PLANT GENE EXPRESSION AND REGULATION	3	0
GPB603	MOLECULAR CYTOGENETIC FOR CROP IMPROVEMENT	2	0
GPB606	POPULATION GENETICS	2	0

*: Compulsory courses recommended by BSMA

**: Course (GPB505) to be made compulsory as proposed by the BOS

***: New Courses (GPB519 & GPB520) proposed by the BOS

****: GPB517 to have faculty from discipline of PGR

*****: GP513 and GP 515 to have faculty from discipline of VSC and FLA

#GPB506 (Molecular Breeding and Bioinformatics)/ MBB511 (Molecular Plant Breeding) to Be cross listed with discipline of MBB

#GPB514 (Breeding Fruit Crops)/ FSC504 (Breeding of Fruit Crops) to be cross listed with Discipline of FSC

§: For students from Discipline of GPB, SST, PGR, MBB & VSC; §§: For students from Disciplines other than above

MIRCOBIOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
MICRO 501	TECHNIQUES IN MICROBIOLOGY	0	2
MICRO 502*	PRINCIPLES OF MICROBIOLOGY	3	1
MICRO 503*	MICROBIAL PHYSIOLOGY AND METABOLISM	3	1
MICRO 505*	SOIL MICROBIOLOGY	2	1
MICRO 510	INDUSTRIAL MICROBIOLOGY	2	1
MICRO 512	CYANOBACTERIAL AND ALGAL BIOTECHNOLOGY	2	0
MICRO 591	MASTER'S SEMINAR	1	0
MICRO 599	MASTER'S RESEARCH	30	
MICRO 603*	RECENT DEVELOPMENTS IN SOIL MICROBIOLOGY	2	0
MICRO 604	RECENT APPROACHES IN ENVIRONMENTAL MICROBIOLOGY	2	0
MICRO 605*	PLANT-MICROBE INTERACTIONS	2	1
MICRO 691	DOCTORAL SEMINAR	1	0
II-SEMESTER			
MICRO 504	MICROBIAL GENETICS	2	1
MICRO 507*	FOOD MICROBIOLOGY	2	1
MICRO 509	ENVIRONMENTAL MICROBIOLOGY	2	1
MICRO 511*	BIOFERTILIZER TECHNOLOGY	2	1
MICRO 601*	IMPROVEMENT IN FERMENTATION TECHNOLOGY	2	1
MICRO 602	MICROBIAL PHYSIOLOGY AND REGULATION	2	1
MICRO 606	MICROBIAL GENOMICS AND METABOLOMICS	2	0
MICRO 691	DOCTORAL SEMINAR	1	0
MICRO 699	DOCTORAL RESEARCH	1	0

- * Core Courses for M.Sc. and Ph.D.

MOLECULAR BIOLOGY AND BIOTECHNOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
MBB 501*	PRINCIPLES OF BIOTECHNOLOGY	3	0
MBB 502*	FUNDAMENTALS OF MOLECULAR BIOLOGY	3	0
MBB 504*	TECHNIQUES IN MOLECULAR BIOLOGY I	0	3
MBB509	PLANT TISSUE CULTURE	2	1
MBB510	MICROBIAL AND INDUSTRIAL BIOTECHNOLOGY	2	1
MBB 514	NANO-BIOTECHNOLOGY	2	1
MBB515	ENVIRONMENTAL BIOTECHNOLOGY	3	0
MBB518	GENE REGULATION	2	0
MBB 601**	PLANT MOLECULAR BIOLOGY	3	0
MBB 603	PLANT OMICS AND MOLECULAR BREEDING	3	0
MBB604	COMMERCIAL PLANT TISSUE CULTURE	2	0
MBB607	PLANT HORMONES AND SIGNALING	2	0
MBB691	SEMINAR	1	
II-SEMESTER			
MBB 503*	MOLECULAR CELL BIOLOGY	3	0
MBB 505*	OMICS AND SYSTEM BIOLOGY	2	1
MBB 506	PLANT GENETIC ENGINEERING	3	1
MBB 507	TECHNIQUES IN MOLECULAR BIOLOGY II	0	3
MBB 508	INTRODUCTION TO BIOINFORMATICS	2	1
MBB511	MOLECULAR PLANT BREEDING	2	1
MBB512	IPR, BIOSAFETY & BIOETHICS	2	0
MBB 513	IMMUNOLOGY AND MOLECULAR DIAGNOSTICS	3	0
MBB516	BIO-ENTREPRENEURSHIP	1	0
MBB 517	STRESS BIOLOGY AND GENOMICS	2	0
MBB 602 **	PLANT GENOME ENGINEERING	3	0
MBB605	PLANT MICROBE INTERACTION	2	0
MBB 606	RNA BIOLOGY	2	0
MBB591/691	SEMINAR	1	

*Core course for M. Sc. **Core course for Ph. D.

NEMATOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
NEMA501*	PRINCIPLES OF NEMATOLOGY	2	1
NEMA503*	STRUCTURAL ORGANISATION OF NEMATODES	2	1
NEMA 504*	NEMATODE SYSTEMATICS	2	1
NEMA505*	NEMATOLOGICAL TECHNIQUES	1	2
NEMA506*	NEMATODE DISEASES OF CROPS	3	1
NEMA507	NEMATODE BIOLOGY AND PHYSIOLOGY	2	1
NEMA508	NEMATODE ECOLOGY	2	1
NEMA511	BENEFICIAL NEMATODES	1	1
NEMA 512/ ENT 510 [§]	PRINCIPLES OF INTEGRATED PEST MANAGEMENT	1	1
NEMA 513/PL PATH 513 [@]	DISEASE RESISTANCE IN PLANTS	2	0
NEMA 514/ENT520/PL PATH 520	PLANT QUARANTINE, BIOSAFETY AND BIOSECURITY	2	0
NEMA591	MASTER'S SEMINAR	1	0
NEMA 602**	NEMATODE DISEASES DEVELOPMENT AND HOST RESISTANCE	2	1
NEMA603**	ADVANCES IN NEMATODE MANAGEMENT	2	1
NEMA691	DOCTORAL SEMINAR-I	1	0
II-SEMESTER			
NEMA502/ENT503 [§]	PRINCIPLES OF TAXONOMY	2	1
NEMA510*	NEMATODE MANAGEMENT	2	1
NEMA509	NEMATODE INTERACTIONS WITH ORGANISMS	2	1
NEMA 515/PL PATH 521/ENT 524	IPM IN PROTECTED CULTIVATION	2	1
NEMA591	MASTER'S SEMINAR	1	0
NEMA 599	MASTER'S RESEARCH	0	30
NEMA601**	NEMATODE PHYLOGENY AND SYSTEMATICS	2	1
NEMA 607	ADVANCES IN NEMATOLOGICAL TECHNIQUES	1	1
NEMA604**	PHYSIOLOGICAL AND MOLECULAR NEMATOLOGY	2	1
NEMA 605/ ENT 613 [§] / PL PATH 606 [@]	PLANT BIOSECURITY AND BIOSAFETY	2	0
NEMA 692	DOCTORAL SEMINAR-II	1	0
NEMA 699	DOCTORAL RESEARCH	0	75

*Core courses Master's, @Cross-listed with Plant Pathology; § Cross-listed with Entomology

PLANT PAHTOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
PL PATH 501*	MYCOLOGY	2	1
PL PATH 502	PLANT VIROLOGY	2	1
PL PATH 503	PLANT PATHOGENIC PROKARYOTES	2	1
PL PATH 504	PLANT NEMATOTOLOGY/NEMA 501 PRINCIPLES OF NEMATOTOLOGY	2	1
PL PATH 505	PRINCIPLES OF PLANT PATHOLOGY	2	1
PL PATH 506	TECHNIQUES IN DETECTION AND DIAGNOSIS OF PLANT DISEASES	0	2
PL PATH 508	EPIDEMIOLOGY AND FORECASTING OF PLANT DISEASES	1	0
PL PATH 509	DISEASE RESISTANCE IN PLANTS	2	0
PL PATH 510	ECOLOGY OF SOIL-BORNE PLANT PATHOGENS	1	1
PL PATH 511	CHEMICALS AND BOTANICALS IN PLANT DISEASE MANAGEMENT	2	1
PL PATH 604*	MOLECULAR BASIS OF HOST-PATHOGEN INTERACTION	2	1
PL PATH 605	PRINCIPLES AND PROCEDURES OF CERTIFICATION	1	0
PL PATH 606	PLANT BIO SECURITY AND BIO SAFETY	2	0
PLPATH 591	MASTER'S SEMINAR	30	
II-SEMESTER			
PL PATH 601	ADVANCES IN MYCOLOGY	2	1
PL PATH 602	ADVANCES IN VIROLOGY	2	1
PL PATH 603	ADVANCES IN PLANT PATHOGENIC PROKARYOTES	2	1
PL PATH 507	PRINCIPLES OF PLANT DISEASE MANAGEMENT	2	1
PL PATH 512	DETECTION AND MANAGEMENT OF SEED BORNE PATHOGENS	2	1
PL PATH 513	BIOLOGICAL CONTROL OF PLANT DISEASES	1	1
PL PATH 514	INTEGRATED DISEASE MANAGEMENT	2	1
PL PATH 515*	DISEASES OF FIELD AND MEDICINAL CROPS	2	1
PL PATH 516	DISEASES OF FRUITS, PLANTATION AND ORNAMENTAL CROPS	2	1
PL PATH 517	DISEASES OF VEGETABLE AND SPICES CROPS	2	1
PL PATH 518	POST HARVEST DISEASES	2	1
PL PATH 519	PLANT QUARANTINE AND REGULATORY MEASURES	1	0
PL PATH 691	DOCTORAL SEMINAR-I	1	0
PL PATH 692	DOCTORAL SEMINAR-II	1	0

*Core Courses for Master's degree programme

**Core Courses for Doctoral Programme

*PL PATH 504 is cross linked with NEMA 501

*PL PATH 606 is cross linked with NEMA 605

PLANT PHYSIOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
PP 501*	PRINCIPLES OF PLANT PHYSIOLOGY - I: PLANT WATER RELATIONS AND MINERAL NUTRITION	2	1
PP 503*	PLANT DEVELOPMENTAL BIOLOGY: PHYSIOLOGICAL AND MOLECULAR BASIS	2	1
PP 506	PHYSIOLOGICAL AND MOLECULAR MECHANISMS OF MINERAL NUTRIENT ACQUISITION AND THEIR FUNCTIONS	2	1
PP 507	PHOTOSYNTHETIC PROCESSES, CROP GROWTH AND PRODUCTIVITY AND CONCEPTS OF CROP MODELLING	2	1
PP 510*	SEED PHYSIOLOGY	2	1
PP 591	MASTER'S SEMINAR	1	0
PP 601	FUNCTIONAL GENOMICS AND GENES ASSOCIATED WITH A FEW PHYSIOLOGICAL PROCESSES	2	0
PP 602*	SIGNAL PERCEPTIONS AND TRANSDUCTION AND REGULATION OF PHYSIOLOGICAL PROCESSES	2	0
PP 603	MOLECULAR APPROACHES FOR IMPROVING PHYSIOLOGICAL MECHANISMS THROUGH TRAIT INTROGRESSION	2	1
PP 604	PLANT PHENOMICS – NEXT GENERATION PHENOMICS PLATFORMS	2	0
PP 605	EXPERIMENTAL TECHNIQUES TO CHARACTERIZE PLANT PROCESSES FOR CROP IMPROVEMENT	0	2
PP 691	DOCTORAL SEMINAR I	1	0
II-SEMESTER			
PP 502*	PRINCIPLES OF PLANT PHYSIOLOGY-II: METABOLIC PROCESSES AND GROWTH REGULATION	2	1
PP 504	PHYSIOLOGICAL AND MOLECULAR RESPONSES OF PLANTS TO ABIOTIC STRESSES	2	1
PP 505	HORMONAL REGULATION OF PLANT GROWTH AND DEVELOPMENT	2	1
PP 508	PHYSIOLOGY OF FIELD CROPS	2	0
PP 509	PHYSIOLOGY OF HORTICULTURE CROPS	2	0
PP 511	PHENOTYPING PHYSIOLOGICAL PROCESSES	2	0
PP 512	CROP GROWTH REGULATION AND MANAGEMENT	2	0
PP 591	MASTER'S SEMINAR	1	0
PP 606	GLOBAL CLIMATE CHANGE AND CROP RESPONSE	2	0
PP 607*	PHYSIOLOGICAL AND MOLECULAR ASPECTS OF SOURCE-SINK CAPACITY FOR ENHANCING YIELD	3	0
PP 608	SEED AND FRUIT GROWTH AND THEIR QUALITY IMPROVEMENT	2	0
PP 609	PLANT-MICROBE INTERACTIONS	2	1
PP 610	WEED BIOLOGY AND PHYSIOLOGY OF HERBICIDE ACTION	2	0
PP 692	DOCTORAL SEMINAR II	1	0

* Core courses

POST HARVEST MANAGEMENT

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
PHM 501*	POSTHARVEST MANAGEMENT OF HORTICULTURAL CROPS	2	1
PHM 502*	POSTHARVEST PHYSIOLOGY AND BIOCHEMISTRY OF PERISHABLES	2	1
PHM 505*	PRINCIPLES AND METHODS OF FRUIT AND VEGETABLE PRESERVATION	2	1
PHM 506	LABORATORY TECHNIQUES IN POSTHARVEST MANAGEMENT	1	2
PHM 515/FSC515/VSC515/FLS 515#	BASIC HORTICULTURE	2	1
PHM 508	QUALITY ASSURANCE, SAFETY AND SENSORY EVALUATION OF FRESH AND PROCESSED HORTICULTURAL PRODUCE		
PHM 601**	RIPENING AND SENESCENCE OF FRUITS AND VEGETABLES	1	1
PHM 602**	RECENT TRENDS IN FOOD PRESERVATION	1	1
PHM 603**	MANAGEMENT AND UTILIZATION OF HORTICULTURAL PROCESSING WASTE	3	0
PHM 606	FOOD ADDITIVES	1	1
PHM 691	SEMINAR I	0	1
II-SEMESTER			
PHM 503	PACKAGING AND STORAGE OF FRESH HORTICULTURAL PRODUCE	1	1
PHM 504	PACKAGING AND STORAGE OF PROCESSED HORTICULTURAL PRODUCE	1	1
PHM 507*	PROCESSING OF HORTICULTURAL PRODUCE	2	2
PHM 509	FUNCTIONAL FOODS FROM HORTICULTURAL PRODUCE	2	0
PHM 510	MARKETING AND ENTREPRENEURSHIP IN POSTHARVEST HORTICULTURE	1	1
PHM604**	SUPPLY CHAIN MANAGEMENT OF PERISHABLES	2	0
PHM 605	EXPORT ORIENTED HORTICULTURE	1	1
PHM 607	ADVANCES IN PROCESSING OF PLANTATION, SPICES, MEDICINAL AND AROMATIC PLANTS	3	0
PHM608	VALUE ADDITION IN ORNAMENTAL CROPS		
PHM 692	SEMINAR-II	0	1

*Compulsory Courses for M.Sc., # Cross Listed Course (new course introduced in addition to the courses recommended by BSMA)

**Compulsory Courses for Ph.D.

SEED SCIENCE AND TECHNOLOGY

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
SST 501*	SEED DEVELOPMENTAL BIOLOGY	1	1
SST 502	SEED DORMANCY AND GERMINATION	1	1
SST 503*	SEED PRODUCTION PRINCIPLES AND TECHNIQUES IN FIELD CROPS	2	1
SST 504*	SEED PRODUCTION PRINCIPLES AND TECHNIQUES IN VEGETABLE CROPS	2	1
SST 505	SEED PRODUCTION TECHNIQUES IN FRUITS, FLOWERS SPICES, PLANTATION AND MEDICINAL CROPS	2	1
SST 506	SEED PRODUCTION TECHNIQUES IN FORAGE PASTURE AND GREEN MANURE CROPS	1	1
SST 510	SEED TECHNOLOGY OF TREE SPECIES	1	1
SST 591	SEMINAR	1	0
SST 601*	HYBRID SEED PRODUCTION TECHNOLOGY	2	1
SST 602	ORGANIC SEED PRODUCTION	1	1
SST 604*	GENETIC PURITY AND DUS TESTING	2	1
SST 608	GERMPLASM CONSERVATION TECHNIQUES	1	1
SST 610	SEED PLANNING, TRADE AND MARKETING	1	1
SST 691	DOCTORAL SEMINAR I	0	1
SST 692	DOCTORAL SEMINAR II	0	1
II-SEMESTER			
SST 507*	SEED LEGISLATION AND CERTIFICATION	2	1
SST 508*	POST HARVEST HANDLING AND STORAGE OF SEEDS	2	1
SST 509*	SEED QUALITY TESTING AND ENHANCEMENT	1	1
SST 511	SEED INDUSTRY AND MARKETING MANAGEMENT	1	1
SST 512	SEED HEALTH TESTING AND MANAGEMENT	1	1
SST 603	PHYSIOLOGY AND BIOCHEMISTRY OF SEEDS	1	1
SST 605	SEED VIGOUR AND CROP PRODUCTIVITY	1	1
SST 606*	ADVANCES IN SEED SCIENCE	1	1
SST 607	ADVANCES IN SEED QUALITY ENHANCEMENT	1	1
SST 609	SEED ECOLOGY	1	1
SST 691	DOCTORAL SEMINAR-I	0	1
SST 692	DOCTORAL SEMINAR-II	0	1

- * Core Courses for M.Sc. and Ph.D. Courses

SOIL SCIENCE

COURSE CODE	COURSE NAME	CREDIT-L	CREDIT-P
I-SEMESTER			
AGR 004 [§]	SOIL AND ENVIRONMENT	2	1
#SOIL 501/AP 503*	SOIL PHYSICS/ FUNDAMENTALS OF SOIL PHYSICS	2	1
SOIL 502*	SOIL FERTILITY AND FERTILIZER USE	2	1
SOIL 503*	SOIL CHEMISTRY	2	1
SOIL 504*	SOIL MINERALOGY, GENESIS AND CLASSIFICATION	2	1
#SOIL 509/AP 515	REMOTE SENSING AND GIS TECHNIQUE FOR SOIL AND CROP STUDIES/ REMOTE SENSING IN AGRICULTURE	2	1
SOIL 605	BIOCHEMISTRY OF SOIL ORGANIC MATTER	2	1
SOIL 606	SOIL RESOURCE MANAGEMENT	3	0
SOIL 607	MODELING OF SOIL PLANT SYSTEM	2	0
SOIL 609	RECENT TRENDS IN SOIL MICROBIAL BIODIVERSITY	2	1
SOIL 611**	SOIL CHEMICAL ENVIRONMENT AND PLANT GROWTH	2	1
SOIL 612	SOIL TESTING AND FERTILIZER RECOMMENDATION	2	1
SOIL 591	MASTER'S SEMINAR	1	0
SOIL 691	DOCTORAL SEMINAR I	1	0
SOIL 692	DOCTORAL SEMINAR II	1	0
II-SEMESTER			
SOIL 505	SOIL EROSION AND CONSERVATION	2	1
SOIL 506*	SOIL BIOLOGY AND BIOCHEMISTRY	2	1
SOIL 507	RADIOISOTOPES IN SOIL AND PLANT STUDIES	1	1
SOIL 508	SOIL, WATER AND AIR POLLUTION	2	1
SOIL 510	ANALYTICAL TECHNIQUES AND INSTRUMENTAL METHODS IN SOIL AND PLANT ANALYSIS	0	2
SOIL 511	MANAGEMENT OF PROBLEM SOILS AND WATERS	2	1
SOIL 512	LAND DEGRADATION AND RESTORATION	1	0
SOIL 513	SOIL SURVEY AND LAND USE PLANNING	2	1
SOIL 514	INTRODUCTION TO NANOTECHNOLOGY	2	1
SOIL 515	MANURES AND FERTILIZERS	2	1
SOIL 601	RECENT TRENDS IN SOIL PHYSICS	2	0
SOIL 602	MODERN CONCEPT IN SOIL FERTILITY	2	0
SOIL 603**	PHYSICAL CHEMISTRY OF SOIL	2	0
SOIL 604**	SOIL GENESIS AND MICRO MORPHOLOGY	2	0
SOIL 608	CLAY MINERALOGY	2	1
SOIL 591	MASTER'S SEMINAR	1	0
SOIL 691	DOCTORAL SEMINAR I	1	0
SOIL 692	DOCTORAL SEMINAR II	1	0

1. Indicate the Courses Compulsory for Masters* or Doctoral programme**
2. Courses cross listed with other Disciplines#
3. List the remedial courses[§]

VEGETABLE SCIENCE

I-SEMESTER			
VSC 501*	PRODUCTION OF COOL SEASON VEGETABLE CROPS	2	1
VSC 504*	PRINCIPLES OF VEGETABLE BREEDING	3	1
VSC 505	BREEDING OF SELF POLLINATED VEGETABLE CROPS	2	1
VSC 509	PRODUCTION OF UNDERUTILIZED VEGETABLE CROPS	2	1
VSC 510	SYSTEMATICS OF VEGETABLE CROPS	1	1
VSC 514	POST HARVEST MANAGEMENT OF VEGETABLE CROPS	2	1
VSC-515/FLS/FHT#	BASIC HORTICULTURE	2	1
VSC 601*	RECENT TRENDS IN VEGETABLE PRODUCTION	3	0
VSC 602*	ADVANCES IN BREEDING OF VEGETABLE CROPS	3	0
VSC 603	ABIOTIC STRESS MANAGEMENT IN VEGETABLE CROPS	2	1
VSC606	BIODIVERSITY AND CONSERVATION OF VEGETABLE CROPS	2	1
VSC 691	DOCTORAL SEMINAR I	0	1
VSC 591	MASTER'S SEMINAR	0	1
VSC 599	MASTER'S RESEARCH	30	
VSC605	BREEDING FOR SPECIAL TRAITS IN VEGETABLE CROPS	2	1
VSC 607	BIOTECHNOLOGICAL APPROACHES IN VEGETABLE CROPS	2	1
VSC 608	ADVANCED LABORATORY TECHNIQUES OF VEGETABLE CROPS	1	2
VSC604	SEED CERTIFICATION, PROCESSING AND STORAGE OF VEGETABLE CROPS	2	1
VSC 692	DOCTORAL SEMINAR II	0	1
VSC699	DOCTORAL RESEARCH	75	
II-SEMESTER			
VSC 502*	PRODUCTION OF WARM SEASON VEGETABLE CROPS	2	1
VSC 503*	GROWTH AND DEVELOPMENT OF VEGETABLE CROPS	2	1
VSC 506	BREEDING OF CROSS POLLINATED VEGETABLE CROPS	2	1
VSC 507	PROTECTED CULTIVATION OF VEGETABLE CROPS	1	1
VSC 508	SEED PRODUCTION OF VEGETABLE CROPS	2	1
VSC 511	ORGANIC VEGETABLE PRODUCTION	1	1
VSC-512	PRODUCTION OF SPICE CROPS	2	1
VSC 513	PROCESSING OF VEGETABLE	1	1
VSC605	BREEDING FOR SPECIAL TRAITS IN VEGETABLE CROPS	2	0
VSC 607	BIOTECHNOLOGICAL APPROACHES IN VEGETABLE CROPS	2	1
VSC 608	ADVANCED LABORATORY TECHNIQUES OF VEGETABLE CROPS	1	2
VSC604	SEED CERTIFICATION, PROCESSING AND STORAGE OF VEGETABLE CROPS	2	1
VSC 692	DOCTORAL SEMINAR II	0	1
VSC699	DOCTORAL RESEARCH	75	

*Indicates Core Courses which are Compulsory for Master Programme
Cross listed course FSC515/VSC515/FLS 515# (Basic Horticulture, 2L+1P).

RECOMMENDATIONS OF THE COMMITTEE CONSTITUTED FOR THE INITIATION OF

- 1) **Sandwich Ph.D. degree program**
- 2) **Self-finance scheme for Indian, foreign national and Non-Resident Indian students**
- 3) **International Faculty**

Composition of the Committee

Chairman: Dr. Viswanathan Chinnusamy, Head, Plant Physiology

Members: Dr. Anupama Singh, Head, Agricultural Chemicals

Dr. K.K. Vinod, Principal Scientist, Genetics

Dr. A. Kumar, Principal Scientist, Plant Pathology

Dr. Kapila Shekhawat, Senior Scientist, Agronomy

Member Secretary: Dr. Anil Dahuja, Professor, Biochemistry

The **National Education Policy 2020** (NEP2020) proposes internationalization of higher education to restore the role of India as a **Vishwa Guru**. The NEP2020 suggests that all deemed to be Universities shall upgrade themselves to university. To maintain the flagship role in education it is necessary to become a Global University. To become a Global University, increase in international students, faculty and international collaborative programs are critical. IARI proposes to become a Global university as it has basic infrastructure for research and can become a most sought destination for higher education particularly for the students of African, SAARC, Caribbean and many Latin American countries. Global University ranking will attract higher research grant, international collaboration, international students, and help excellence in research and education. Further, IARI can strengthen its research collaboration with top ranking Universities through Sandwich Ph.D. programs with top ranking universities. Further, internationalization also demands recruitment of foreign faculty. Since regular recruitment of foreign faculty is difficult, Foreign faculty may be appointed as visiting faculty at IARI.

The Committee recommends three programs for internationalization of education namely 1) Sandwich Ph.D. program, 2) Self finance scheme for Indian, foreign and NRI student at UG, PG and Ph.D. programs, and 3) Foreign faculty as Visiting Faculty.

The Committee recommends setting up of an “Office of the International affairs” at IARI, New Delhi for implementation of programs related to international students and faculty, and international collaborations. This is also mandatory under the University Grants Commission (Academic Collaboration between Indian and Foreign Higher Educational Institutions to offer

Twinning, Joint Degree and Dual Degree Programmes) Regulations, 2022, which is effective from May 2, 2022 (Gazette of India notification F. No. 4-1/2022(IC) dated 2nd May, 2022).

Establishment of Office of the International Affairs at IARI, New Delhi

Head of the office: Dean (International Affairs) or Chairperson (International Affairs)

A Principal Scientist with at least 10 years of experience and having adequate international exposure may be appointed as Dean/Chair by the Director and Chairperson Academic Council.

Members: One Principal scientist/Professor from each school (6)

International Relations Officer

Master of Halls of residence

Representative from “Law Section” of IARI

Registrar, Member-Secretary

Administrative Assistant

The Office of the International Affairs shall carry out following activities but not limited to:

1. Liaising with regulatory/statutory bodies (UGC/HEIC/DARE, etc)
2. Coordination of activities related to Sandwich Ph.D. programs
3. Admission of the International students: foreign and NRIs to B.Sc., B.Tech., M.Sc., M.Tech., and Ph.D. programmes.
4. Coordinating International Faculty Exchange Program and induction of visiting faculty
5. Formulation and execution of MoUs with International Institutes abroad, strengthening existing partnerships and developing new partners
6. Establishment of the Offshore offices/Campuses and conducting various brand-building campaigns and other promotional activities.
7. Addressing the grievances of sandwich PhD students and international students undergoing regular degree programs at IARI.
8. Newsletters, popularization, etc.

New Program 1. Sandwich Ph.D. degree program

Preamble: IARI proposes to introduce a sandwich PhD programme, in which a student enrolling in the IARI will be required to complete a mandatory resident period at IARI campus, before moving to a host institution to carry out research work for a prescribed period and joining back in IARI to complete the doctoral programme. The research programme is proposed to be jointly formulated by the parent and the host institutions.

Purpose: To expose the students involved in agricultural research to wider research opportunities to improve their research skills and inculcate the professional competence of global standard.

1. Scope

The Committee recommend all the following three categories of sandwich Ph.D. programs approved by UGC (Academic Collaboration between Indian and Foreign Higher Educational Institutions to offer Twinning, Joint Degree and Dual Degree Programmes) Regulations, 2022: 1) Twinning Programme, 2) Joint degree programme and 3) Dual degree programme.

2. Eligibility

- (i) For IARI enrolled students, a minimum stay for two semesters at the IARI campus with a pass in qualifying examination, and successful defence of the research proposal.

3. Criteria and requirements for different sandwich Ph.D. programs

A. Twinning Programme: A collaborative arrangement whereby students enrolled with IARI and its outreach programs may undertake their programme of study partly in IARI, **complying with relevant UGC regulations**, and partly in the Foreign Higher Educational Institution (FHEI).

- i. Credits earned from the FHEI should not exceed 30% of the total programme.
- ii. Ph.D. degree to be awarded under such twinning programme must be in conformity with the provisions of section 22 (3) of the UGC Act, 1956 and shall also be in conformity with the norms, standards and requirement for award of such degree, as laid down by the statutory authority concerned such as DARE/ICAR
- iii. The research programme of the student shall be formulated jointly by the IARI and the FHEI.
- iv. Student will submit thesis to IARI, and IARI will award the Ph.D. degree

B. Joint degree programme: A collaborative arrangement wherein the **curriculum is designed in collaboration between the IARI and FHEI**. Upon completion of the programme, **the degree is awarded jointly by the IARI and FHEI with a single certificate**.

- i. The students must earn at least 30 per cent of the total credits from each of the IARI and FHEI.
- ii. The research programme of the student shall be formulated jointly by the IARI and the FHEI.
- iii. Students must have a supervisor at IARI as well as at FHEI
- iv. Ph.D. degree to be awarded under such twinning programme must be in conformity with the provisions of section 22 (3) of the UGC Act, 1956 and shall also be in conformity with the norms, standards and requirement for award of such degree, as laid down by the statutory authority concerned such as DARE/ICAR.

C. Dual degree programme: A programme jointly designed and offered by **IARI and an FHEI in the same discipline/subject areas** and in the same level. **The degree is**

conferred by the IARI and FHEI, separately and simultaneously, upon completion of degree requirements of both the institutions.

- i. The students must earn at least 30 percent of total credits from IARI.
- ii. The research programme of the student shall be formulated jointly by the IARI and the FHEI.
- iii. Students must have a supervisor at each institution.
- iv. The student shall submit a single thesis at both the Institutions separately.
- v. Ph.D. degree to be awarded under such twinning programme must be in conformity with the provisions of section 22 (3) of the UGC Act, 1956 and shall also be in conformity with the norms, standards and requirement for award of such degree, as laid down by the statutory authority concerned such as DARE/ICAR

4. Financial Support

- (i) A maximum of twenty-five (25) students shall be supported per academic session. To begin with in the academic session 2022-23, 10 students may be supported depending upon the budget availability.
- (ii) In case of universities with which IARI signs MoU, the financial support will be as per the terms and conditions of MoU.
- (iii) A Student/Faculty of IARI can also secure admission/bench space/fellowship etc, from FHEI by individual effort of student/faculty (guide of the student). In such cases, a formal agreement may be signed between the mentor from FHEI and IARI for Twining PhD. program. However for joint-Degree and Dual Degree programs, MoU should be signed by IARI and FHEI.
- (iv) IARI shall provide support of a maximum of Rs 5.00 lakhs (on a case-to-case basis depending upon the country of visit), and the actual fellowship that they are getting from IARI.

Rs. 5.00 Lakhs for North America, Australia, South America and New Zealand

Rs. 4.00 Lakhs for Europe, Far-East Asia, Japan, China, Hong Kong, Taiwan, Korea, Indonesia and Africa

Rs. 2.00 Lakhs for Neighbouring Countries, Sri Lanka, Nepal, Bangladesh, Burma, Pakistan, Gulf Countries, Singapore Malaysia, Thailand and Maldives
- (vi) The students securing financial support from other funding sources/host institutions shall be encouraged. In these cases, on case-to-case basis, IARI may provide partial financial support.
- (vii) If the student's residence at the host institute is of duration of >6 months, the students need to secure additional financial support from the host institution/ from other sources.

5. Research programme

- (i) Any material transfer/ Digital Sequence Information (DSI) sharing shall be regulated by the extant rules of the Government of India, and terms and conditions of the MoU/Agreement
- (ii) Any outcome of the research programme, including research papers, patents etc. shall show joint affiliation of IARI and the host institute

6. Selection criteria

A. Indian students

- (i) Academic performance in Graduate and Post Graduate programme, Co-curricular and extra-curricular activities at PG level.
- (ii) Students' academic performance in Ph.D. course work, qualifying examination and research proposal seminar as well as their overall attendance.
- (iii) Student's publications (research papers, reviews and book chapters) and patents, if any.
- (iv) The host institute with QS/THE world ranking is preferred. However, recognised international government institutions as per Government of India policy shall also be considered.
- (v) Research ranking of the Professor with whom the sandwich programme.
- (vi) Quality of the research proposal to be carried out by the student in the University abroad in the Sandwiched programme.
- (vii) Consent letter from overseas universities and mentor for bench space and academic guidance etc.
- (viii) Eligible students with self-financing can also avail sandwich program, however, no financial support from IARI shall be provided.
- (ix) The students who have already secured financial support from the host institute or any other funding agency will be given preference.

B. Foreign students

- (i) Selection of the students shall be based on Statement of Purpose (SoP), recommendation letters and academic proficiency.
- (ii) Selected students shall be from Government recognised University.
- (iii) The students shall have proficiency in English as certified by IELTS or TOEFL.
- (iv) Students shall have research proficiency as proved by research publications/ patents (desirable).
- (v) Consent letter from Indian Mentor for bench space.
- (vi) Letter of recommendations from three referees.

- (vii) University with which the student is registered for PhD programme must have an international ranking (QS/THE).
- (viii) Student allotment to IARI laboratories shall be governed by the research plan, availability of competent faculty and infrastructure, as recommended by the Dean & Joint Director (Edn.), PG School, ICAR-IARI, New Delhi.
- (ix) The number of international students shall be limited to 25 (twenty-five) per academic session. To begin with in the academic session 2022-23, 10 students may be supported depending upon the budget availability.
- (x) A formal agreement shall be signed between the Indian mentor, foreign faculty and the foreign student.

7. Funding for foreign students

- (i) In the case of the Universities with which IARI has a formal MoU, the financial support will be governed by the terms and conditions of the MoU.
- (ii) For other students, IARI may provide financial support of Rs 50,000/- per month, and free hostel accommodation (single room).

8. Call for proposals

- (i) Call for the sandwich PhD. The programme shall be made once a year, upon completion of the second semester (preferably during March).
- (ii) Students enrolled in a particular academic session need to avail the Sandwich Ph.D. degree program within the first year itself.

New Program 2.1a. Self-finance scheme for foreign & NRI students in UG program

1. Eligibility:

- i. Applicant must be a Foreign National or Overseas Citizen of India (OCI) Cardholders or NRI
- ii. Applicant must have completed 12 years of formal education at the school level. At 12th level, students must have studied a) Biology, Physics and Chemistry at the 12th level for B.Sc. Agriculture and B.Tech. Biotechnology, b) Physics, Chemistry and Maths for B.Tech. Engineering Admission, and social sciences for B.Sc. Community Science Admission).
- iii. Foreign students / Foreign University Degree holders are required to attach photocopies of academic transcripts & AIU Equivalence Certificate
- iv. English Language Proficiency certificate (TOFEL, IELTS, SAT, ACT, etc.)

2. Selection Criteria:

1. Academic score in 10th and 12th exam
2. English Language Proficiency score (TOFEL, IELTS, SAT, ACT, etc.)
3. Co-curricular and extra-curricular activities.

4. Online Interview before the selection committee and interview marks.

3. Tuition Fee:4000 USD/Semester

4. Hostel Fees: As fixed for international students' hostel. Due to paucity of hostel facilities, accommodation shall be provided as per the availability and merit.

New Program 2.1b Self-finance scheme for Indian students in UG program

1. Eligibility:

- i. Applicant must be an Indian National.
- ii. Applicant must write All India Entrance Examination for Admission, AIEEA (UG) Conducted by ICAR through NTA.
- iii. In order to appear in AIEEA (UG) 2021, Indian national candidates must have passed 10+2 Senior Secondary Examination of the Central Board of Secondary Education or any other examination within scope and standard found to be equivalent to the Senior Secondary Examination of a recognized Indian Board/University (Annexure VI), with minimum prescribed marks/grade, after a period of 12 years of study. The medium of instruction in the admitting University will be English.
- iv. Candidate must have passed any one of the qualifying examinations enumerated above securing not less than 50% marks in aggregate for General, OBC (NCL), UPS, EWS categories and 40% marks in aggregate for SC, ST, Third Gender, PwD categories. There will be no rounding-off of the OGPA/percentage of marks of qualifying examination while deciding the basic eligibility of any candidate for admission e.g. if a candidate obtained 49.99% marks in his/her qualifying examination, then it will not be rounded-off to 50%.
- v. Age Limit: Indian Nationals of at least 16 years of age as the date given in the information bulleting are eligible to apply for the examination. No relaxation is admissible regarding the minimum age limit

2. Selection Criteria:

1. Candidate must score at least 50 percent or percentile marks in the AIEEA (UG)
2. Admission in self-finance scheme will be given as per the order of merit among the applicants.

3. Tuition Fee:Rs 50000 per Semester

4. Hostel Fees:Same as that fixed for other students. Due to paucity of hostel facilities, accommodation shall be provided as per the availability and merit.

Total number of seats admitted through self finance scheme for Indian, foreign and NRI students shall not exceed 40% over and above the intake of the UG programme.

New Program 2.2. Self-finance scheme for Foreign Nationals/NRIs in PG & Ph.D.

Admission of Foreign National students for self-financed M.Sc./M.Tech. /PhD programmes: A maximum of 50 students per academic session.

1. Academic qualifications:

1. Applicant must be a Foreign National or Overseas Citizen of India (OCI) Cardholders or NRI.
2. Applicant must have completed 12 years of formal education at the school level followed by a Bachelor's Degree of at least 4 years duration for PG admission, and in addition to the above, 2 years Master's program for Ph.D. admission.
3. Foreign students / Foreign University Degree holders are required to attach photocopies of academic transcripts & AIU Equivalence Certificate
4. English Language Proficiency (TOFEL, IELTS, SAT, ACT, etc.)
5. Co-curricular and extra-curricular activities.
6. Research achievements during PG level, if any.

2. Selection procedure:

1. Academic performance of the student in UG/PG program
2. English Language Proficiency score (TOFEL, IELTS, SAT, ACT, etc.)
3. Online Interview before the selection committee and interview marks.
4. Letter of recommendations from three referees including one from IARI.

3. Tuition Fees:

2500 USD per semester for Master's program and 2000 USD per semester for Ph.D. program or Equivalent to that of the fee paid by students admitted through the Indian Council of Cultural Relations, New Delhi or decided by ICAR

4. Hostel Fees: As fixed for international students' hostel. Due to paucity of hostel facilities, accommodation shall be provided as per the availability and merit.

5. Exchange of materials:

Any material transfer/ Digital Sequence Information (DSI) sharing shall be regulated by the extant rules of the Government of India, and the terms and conditions of the MoU/Agreement.

New Program 3. International Faculty

1. Preamble: IARI proposes to host eminent and competent faculty as visiting professors from universities of international repute to meet higher quality benchmarks in teaching and research and to promote productive academic international cooperation.

2. Selection process

NRI Faculties coming through VAJRA (Visiting Advanced Joint Research) Faculty scheme of DST and other government schemes with full funding support from either Country or

Selection of overseas faculty as Visiting Professors as per the UGC guidelines.

The number of visiting professors may be up to 50 (10% of the faculty strength). To begin with, one faculty per school may be appointed.

3. Selection criteria for non-VAJRA and other Govt. scheme faculties

- i. Academic performance in the overseas university is judged by citation indices
- ii. Research achievements during a career as judged by Fellowships, Awards etc.
- iii. University must have an international ranking (within the top 500)
- iv. Ongoing collaborative project in India/IARI

4. Duration & Remuneration: (for non-VAJRA and other Govt. scheme faculties)

- i. The duration is One to Two weeks for lectures and practicals, or more subject to fund availability
- ii. **Remuneration:** Local hospitality during the stay; To and Fro airfare in economy class, Visa fee; Insurance premium; Honorarium USD 100/ per lecture; USD 200 per practical.

Summary of Resource Generation and Expenditure in the programmes proposed:

S.No.	New Program	Rupees in Lakhs	
		Expenditure	Income
1.	Sandwich Ph.D. degree program - IARI Students (10 in Academic session 2022-23) (10 x 5.0 Lakhs per student)	50.00	-
	Sandwich Ph.D. degree program - Foreign Students(10 in Academic session 2022-23) (10 x 5.0 Lakhs per student)	50.00	-
2	Self-finance scheme – UG program (Total seats shall not exceed 40%). In 2022-23 academic session, a total of 300 students have been proposed. So about 120 can be admitted under self-finance scheme for Indian, foreign, and NRI students put together)	-	
	(a) Self-finance scheme – UG program for Indian Nationals (about 80 students; the number may vary; 80*1.0 Lakhs per annum)	-	80.00
	(b) Self-finance scheme – UG program for Foreign Nationals & NRIs (about 40 students; the number may vary, 4000USD per year) (40*4000USD = 160,000	-	128.00
	(c) Self-finance scheme – PG & Ph.D. for Foreign Nationals(50 in Academic session 2022-23; 25 each in MSc and PhD, respectively) (MSc- 25 x 5000US\$ and PhD -25*4000US\$ per student and per annum)	-	180.00
3.	International Faculty (5 in Academic session 2022-23) (5 x 4.5 Lakhs per faculty) = 22.50	22.50	-
	Total	125.00	388.00

Appendix-III

**RECOMMENDATIONS OF THE COMMITTEE CONSTITUTED FOR
THE INITIATION OF**

**Post Graduate Diploma and Certificate Courses
Committee**

S.No	Name	Members	Courses
1.	Dr.Alka Singh, Head , Ag.Econ.	Chairperson	
2.	Dr.Raj Singh, Head Agronomy	Member	Integrated Farming System
3.	Dr.Y.S.Shivay, Pri.Scientist	Member	Organic farming
4.	Dr.Monika A Joshi, Professor	Member	Seed production, processing and quality control
5.	Dr.Bishnu M Bashyal, / Dr. S. Subramanian	Member	Disease and Pest Management
6.	Dr.Gopala Krishanan, Pri.Scientist	Member	GAP for basmati farming
7.	Dr.Murthaza Hassan, Pri.Scientist	Member	Greenhouse Hydroponic and Aeroponic Farming
8.	Dr.Manish Srivastava, Professor	Member	Fruit production and orchard management
9.	Dr.P.K.Sahoo, Pri.Scientist	Member	Farm Machinery Operation and Management
10.	Dr Chandan Kumar Deb/ Dr Soumen Pal ICAR-IASRI	Member	Data Science and Analytics
11.	Dr.Rane, ICAR-NIBSM	Special Invitee	Abiotic Stress Management in Field and Horticultural Crops
12.	Dr. P. Venkatesh	Member Secretary	

1. About IARI

The journey of the Indian Agricultural Research Institute (IARI), popularly known as Pusa Institute, began in 1905 at Pusa (Bihar) with the generous grant of 30,000 pounds from an American philanthropist, Mr. Henry Phipps. The institute was then known as Agricultural Research Institute (ARI) which functioned with five departments, namely Agriculture, Cattle Breeding, Chemistry, Economic Botany and Mycology. The Bacteriology unit was added in 1907. The name of IARI was changed to Imperial Institute of Agricultural Research in 1911 and, in 1919 it was renamed as Imperial Agricultural Research Institute. Following a devastating earthquake on 15th January 1934, the institute was shifted to Delhi on 29th July 1936. Post-independence, the institute has been renamed as Indian Agricultural Research Institute (IARI). During the fifties, the advancement of scientific disciplines constituted the core program of IARI and provided the base for its fast expansion in the 1960's and 1970's. It attained the status of a Deemed University in the year 1958.

The green revolution that brought smiles to millions of Indians bloomed from the fields of IARI with the development of famous wheat varieties, contributing an estimated one billion tons of additional production. As the mother of several ICAR institutions, IARI continues to be the country's leading institution for agricultural research, education, and extension.

The present campus of the Institute is a self-contained sylvan complex spread over an area of about 500 hectares (approx. 1250 acres) and located about 8 km (5 miles) west of New Delhi Railway Station and about 16 km (10 miles) east of IGI Airport (Palam). The location stands at 28.08 °N and 77.12 °E, with a height above the mean sea level of 228.61 meters (750 feet). It is adjacent to hillside road.

Currently, the Institute has 20 divisions, 5 multi-disciplinary centers situated in Delhi, 8 regional stations, 2 off-season nurseries, 3 All India coordinated research projects with headquarters at IARI and 10 national centers functioning under the all India coordinated research projects. It has a sanctioned staff strength of 3540 comprising scientific, technical, administrative and supporting personnel.

2. Post Graduate Diploma / Certificate Course Programme

In order to prepare the youth ready to meet the requirement of the agro-industries /service sector; and to inculcate entrepreneurship and start-up among talented students, ICAR-IARI is proposing the following Postgraduate Diploma and certificate course programmes.

Table 1. List of courses and durations

S. No	Course name	Course duration	Tuition Fees *	Calendar	Preparedness to start from
Certificate Courses					
1.	Farm Machinery Operation and Management	3 months	Rs. 15,000/-	-	2023-24
2.	Disease and Pest Management	3 Months	Rs. 15,000/-	Aug-Nov	2022-23

3.	GAP for basmati farming	3 Months	Rs. 15,000/-	Jul-Sep	2023-24
4.	Greenhouse Hydroponic and Aeroponic Farming	3 Months	Rs. 15,000/-	Oct- Dec/ Jan- March	2022-23
PG Diploma					
1.	Soil Testing and Nutrient Management	1Year	Rs.1,20,000/-	Start of Academic year	2022-23
2.	Fruit Production Practices and Nursery Management.	1Year	Rs.1,20,000/-	Start of Academic year	2023-24
3.	Seed Production, Processing and Quality Control	1Year	Rs.1,20,000/-	Start of Academic year	2022-23
4.	Organic Farming	1Year	Rs.1,20,000/-	Start of Academic year	2023-24
5.	Data Science and Analytics	1 Year	Rs.1,20,000/-	Start of Academic year	2022-23
6.	Integrated Farming System	1Year	Rs.1,20,000/-	-	-
7.	Abiotic Stress Management in Field and Horticultural Crops	1Year	Rs.1,20,000/-	Start of Academic year	2022-23

* For industry-sponsored candidates, the amount will be doubled

** Residential Requirements is a must to complete the course (except during industry attachment)

3. Eligibility Criteria

Table 2. Eligibility Criteria

S.No	Course name	Education	Employment Opportunity
Certificate Course			

1.	Farm Machinery Operation and Management	12 th and above	Self-employment in opening agro-machinery repair centres, Custom Hiring Centres, Farm Machinery Service Centres, Agro machinery industries
2.	Disease and Pest Management	12 th and above	Pesticide dealers, Industries, students, start-ups
3.	GAP for basmati farming	12 th and above	Millers/ Farmers/ FPOs
4.	Greenhouse Hydroponic and Aeroponic Farming	12 th and above	Urban Farming Industries/ Focus on self-employment generation
PG Diploma			
1.	Soil Testing and Nutrient Management	B.Sc Agril & allied sciences/ Science	<p>After this PG Diploma, students will acquire the needed skill to take-up the analysis and/or soil testing work independently in the laboratories of Government, Industries, NGOs, self-employment in the area of soil testing and nutrient management. They would be employed as Soil Analyst, Lab Technician, Extension Worker for the field.</p> <p>There are lots of opportunities in the area of soil testing and nutrient management in the Central and State Government, fertilizer industries, NGOs, self-employment, Soil-Plant Health Clinic etc</p>
2.	Fruit Production and Nursery Management	B.Sc. Agriculture & allied sciences/ Botany	After this PG Diploma, students will have the skill to start own business in fruit production and nursery production, may be absorbed in coming up Pvt. Nurseries, and may start consultancy services on these aspects.

3.	Seed Production, Processing and Quality Control	B.Sc. in Agriculture & allied sciences/ Botany	Public & Private Seed industries, own business. For industry-sponsored candidates , owing to enhanced skill development; they will have better employment scope owing to skill upgradation
4.	Organic Farming	B.Sc. in Agriculture & allied sciences	Entrepreneurs, Consultancy Services Providers, Hi-tech Nurseries Owners.
5.	Data Science and Analytics	Employed professionals / Individuals holding B.Sc./B.E./B.Tech./BCA or equivalent	As Data Analyst in public and private sector companies which work on data analytics
6.	Integrated Farming System	B.Sc. in Agriculture & allied sciences	-
7.	Abiotic Stress Management in Field and Horticultural Crops	B.Sc. in Agriculture & allied	Fruit growers association,

4. Selection criteria

Table 3. Selection criteria

S.No	particulars	Weightage	
		Certificate Course	PG Diploma
1.	10 th std	✓	✓
2.	12 th std	✓	✓
3.	Bachelor's programme	-	✓
4.	Desirable qualification	-	✓
5.	Entrance exam marks	✓	✓
6.	Interview	✓	✓

The entrance examination will be conducted for shortlisted applicants depending upon number of applications received and the academic qualifications. Further, the suitable candidates will be called for the interview for final selection

5. About the courses

Certificate Courses

I Certificate Course in Farm Machinery Operation and Management

Location: IARI main campus / Other centers.

Name of the lead division: Division of Agricultural Engineering, ICAR-IARI, Pusa, New Delhi.

Collaboration: FOSU, Private Industries for training

- M/S SPL Technologies (P) Ltd.
- Shiv Vihar West, Hastal, Delhi, 110059
- M/S Perfect Hydro Pneumatic Engineers, Plot No. 1591/31, Daulatabad Road Industrial Area, Gurgaon-112001 (Haryana)
- M/S Alfa Therm Limited, 431, First Floor, Udyog Vihar, Phase-3, Sector-20, Gurgaon-122016 (Haryana)
- M/S Dashmesh Mechanical Works, Nabha-Malerkotla Road, Amargarh(Sangrur) Punjab
- M/S Bhoomi Agro Industries, Plot No. G-1077, Road No-A-1, Kishan Gate, Lodhika G.I.D.C. A Metoda, Rajkot (Gujrat)

Background: The overall demand for agricultural machinery increased in the last decade. In order to lay special emphasis on farm mechanization and ensure greater inclusiveness, a dedicated Sub-Mission on Agricultural Mechanization (SMAM) was launched by Government of India. SMAM puts small and marginal farmers at the core of the interventions. There is special emphasis on ‘reaching the unreached’ – bringing farm mechanization to villages where old technologies are in use. The mission is also catering to adverse economies of scale by promoting Custom Hiring Centers (CHC) through rural entrepreneurship. However, there exist gaps in the skill level of the village youths. The benefits of the mechanization are not fully acquired due to poor operation and management of farm machineries. Low operational efficiency and high cost of management left the owners of the agricultural machineries in a challenging situation to sustain this operation. The certificate course will help the rural youth, mechanics of the small and medium scale agro-industries and operators of the agricultural machineries to acquire skill for performing the tasks in diligent manner. This will also enable to create rural entrepreneurships.

Course contents

Operation, maintenance of tractors, power-tillers and other prime-movers; Operation, maintenance, repair of farm machineries; Operation and maintenance of irrigation equipment; Safety in farm operations; Industrial training.

S. No.	Name of the course	No. of lectures	Offered by
1.	Sources of Farm Power, Scope of mechanization, Farm Engines: Tractor, Power Tiller (operation, maintenance)	10	Division of Agri Engg

2.	Assemblies of Tractor, ballasting, wheel track adjustment, PTO, draft and position control	10	Division of Agri Engg
3.	Farm Machinery-I (tillage, seed bed preparation, planters/ seeders) operation, maintenance and management	20	Division of Agri Engg, FOSU
4.	Farm Machinery-II (plant protection, harvest, post harvest) operation, maintenance and management	20	Division of Agri Engg, FOSU
5.	Irrigation equipment, pumps, micro-irrigation assemblies, solar powered machines	10	Division of Agri Engg, FOSU
6.	Safety guidelines for tractors, power tillers and farm machineries, ROPS, safety gadgets for operators during field operations	5	Division of Agri Engg
7.	Machine efficiency, economic efficiency, overall efficiency for operations of farm machineries	5	Division of Agri Engg
8.	Industrial training (assembly line, SOP, recurring malfunctions and breakage)	20	Division of Agri Engg, Industries

II. Certificate Course in Disease and Pest Management in Agriculture

Location: IARI main campus/Other centers.

Name of the Lead Division: Division of Plant Pathology and Division of Entomology jointly

Collaboration: Division of Agricultural Chemicals

Background: Pests and diseases are the most important factors affecting crop production. Proper management is critical to avoid damages, meet regulatory standards, protect the environment and decrease pesticide resistance. We will discuss an integrated pest and disease management approach throughout the course. The students will learn methods to identify pests and diseases in the field, ways to avoid the occurrence of pests and diseases, principles of biological control and pesticides, their properties and how to use them wisely.

Course Content

Lectures

- Theory -140 lectures (1 hrs)
- Practical - 70 practical (2 hrs)
- Total - 280 hrs

Faculties identified:

- Dr. Bishnu Maya Bashyal
- Dr. Robin Gogoi
- Dr. Lakshman Prasad
- Dr. Dinesh Singh
- Dr. M. S. Saharan
- Dr. Diksha Joshi
- Dr. M. S. Gurjar
- Dr. T. K . Bag
- Dr. Kajal Kumar Biswas

Unit 1: Important plant diseases and their identification

What is a disease, Damages caused by plant diseases, Disease causes – biotic vs. Abiotic, Disease identification, The complexity, Steps in the diagnosis, Signs and symptoms, Effect of the environmental conditions, Fungi – description, symptoms, spread, common fungal diseases and their hosts, Leaf spots, Downey mildew, Powdery mildew, Septoria, Early blight, White rust, Phytophthora blight, Fusarium wilt, Pythium, Rhizoctonia, Bacteria – description, symptoms, spread, common bacterial diseases, Agrobacterium crown gall, Bacterial soft rots, Bacterial leaf spot, Viruses – description, symptoms, hosts, spread, common viral diseases, TSWV, CMV

Unit 2: Important pests and their identification

Introduction to insects and pests, Pests life cycle, effect of the environmental conditions, Damages caused by pests, Detection of pests – what to look for?, Scouting and monitoring, Scouting tools, aids and methods, Recognizing feeding patterns, Recognizing pest signs, Phytotoxicity, Whitefly, Thrips, Aphids, Spider mites

Unit 3: Management of plant diseases and pests: Principles and practices

Introduction and principles of disease control, The disease triangle, Avoiding the pathogen, Disease life cycle, Dissemination and dispersal pathogens, Physical dissemination, Intervention in the disease life cycle, Exclusion, Sanitation, Water disinfection, Quarantine, Other methods, Avoidance, Selecting crop, The planting site, Planting time and density, Irrigation management, Fertilization management, Eradication, Different practices, Crop rotation, Alternative hosts, Soil/media sterilization – steam, Mulches, soil solarisation, Hot water treatment.

Introduction to pest control, Economic damage threshold, Measures to manage, avoid and control pests, Cultural methods, Crop rotation, Managing irrigation and fertilization, Controlling the environment, structure, Anti-insect nets, Traps and pheromones, Sanitation, Weather and pest modeling, Planting dates, and planting densities.

Unit 4: Pesticides and biological control agents for disease and pest management

What are pesticides? Chemical pesticides, Biopesticides, The pesticide label, and how to read it. Handling precautions, the active ingredient, symbols, Pesticide formulations, Modes of action of insecticides, Modes of action of fungicides, Modes of action of biopesticides, Contact pesticides, Systemic pesticides, and Resistance to pesticides.

Introduction to biological control, Techniques of biological control, Augmentation of existing natural enemies, Inoculative release, Inductive release, Selection and genetic engineering, Classical biological control, Conservation, Biological control agents, Biological control of pests, Predatory insects, Parasitic insects, Consideration for application of beneficial insects products, Aphidius colemani, Predatory mites, Predatory bugs, Viral biopesticides, Fungal biopesticides, Nematode biopesticides, Biological control of plant diseases, Mechanisms of biological protection, Biofungicides, Agrobacterium Trichoderma, Bacteriophages, Predation by insects, Biological control of weeds

Unit 5: Integrated disease/pest management

Development of modules and assessment of disease and pest (throughout cropping season).

Unit 6: Spray equipment and spray programme

Types of sprayers, Uses of sprayers, Spray terminology, Sprayer maintenance and cleaning, Selecting a sprayer, Calibration, Using chemicals: agitation, clean up and disposal, Basic first aid with chemical pesticides, Response to liquid or powder spills, Keeping records, Misters, Dusters, Blowers, drones, Pesticides and the environment. The water quality, Water acidity, Water mineral content, Turbidity, How to solve water quality problems, Spray calculations –

active ingredients, application rates, sprayer volume, speed selection of pesticides – considerations, Planning in advance, Additional properties of the pesticide that should be considered, precautions during application, health hazards.

Practicals:

Methods of diagnosis and detection of various insect pests, and plant diseases, Methods of insect pests and assessment of crop yield losses Identification and nature of damage of important insect pests, diseases and their management, Identification of biocontrol agents, different predators and natural enemies, Mass multiplication of *Trichoderma*, *Pseudomonas*, *Trichogramma* and NPV, dusters, sprayers, drones, preparation of tank mixtures, Crop (agro-ecosystem) dynamics of a selected insect pest and diseases, Plan & assess preventive strategies (IPM module) and decision making. Crop monitoring attacked by insect, pest and diseases; Field Visits

III. Certificate Course in GAP for basmati farming

Location: IARI main campus/Other centers.

Lead Division: Genetics

Collaboration:

- Agronomy, Plant Pathology, Entomology, Soil Science and Agricultural Chemistry
- Basmati rice mills and progressive farmers.

Course structure

S. No.	Topics	No. of Credits	Offered by
1.	Basmati rice varietal improvement	2+0	Genetics
2.	Rice Pests and their Management	2+1	Entomology
3.	Rice Diseases and their Management	2+1	Plant Pathology
4.	Seed Production Techniques in Basmati rice	2+1	Seed Science and Technology (IARI RS, Karnal)
5.	Commercial Basmati rice production	0+2	Agronomy
6.	Basmati Grain Quality Analysis	2+2	Genetics
7.	Exposure visits to the farmers' fields, markets and industries	1+1	Genetics
8.	Internship in Basmati rice Industries (3 months)	0+6	Genetics

IV. Certificate Course in Greenhouse Hydroponic and Aeroponic Farming

Location: IARI main campus/Other centers.

Name of the lead division CPCT

Collaboration: Divisions: of Agricultural Engineering

List of collaborating industries/private sector

- Barton & Breeze, Gurgaon (www.bartonbreeze.com)
- URBAN GRO, DELHI(www.smarturbanfarmingexpo.com)

- Aeroganic Pvt Ltd Noida www.aeroganics.in
- Greenhack Pvt Ltd, Delhi
- Ponic Greens, Gurgaon
- Elecsol Technology Pvt Ltd, Raipur (www.automationgroup.in)
- Aggragannya Skills Pvt Ltd, Bangalore, Karnataka
- Agricare Corporation Noida Delhi (www.agricarecorp.com)

Background: Smart urban farming is now prevalent among growers/farmers mainly in and around the big cities. Its core principle is to grow high-value horticultural crops in some protected structures with the hydroponics / soilless / Aeroponic system integrated with efficient irrigation and fertigation system. This type of farming is full of modern technologies involving Greenhouse / Hydroponics / Sensors / Automation / Fertigation / Light etc. It requires knowledge, skill, training, exposure, demonstration and hands-on experience to successfully adopt it as business venture. Hydroponics-based urban farming has huge potential for entrepreneurship and business model for farmers/youths in present era. Thus, there is vast scope in this modern farming full of popular technologies related to Automation, Sensors, IoT, Machine Learning, Artificial light, climate control, fertigation etc. This type of farming is popular throughout the world mainly among young professionals from varied sectors like farming, engineering, business etc. Due to the continuous requirement of high-value nutritious horticultural crops throughout the year mainly in and around the big cities, hydroponics-based farming is very popular as it has the potential to achieve it. Many start-ups related to hydroponics-based farming are coming up, covering entire supply chain for providing quality horticultural produce to common citizens. Hydroponics based farming has two important components dealing with engineering and plant biology. Knowledge and skill in both components are integral to its success. Detail information and skill required related to structure, irrigation and fertigation management, Light, IPM and GAP, micro climate for its success. Broadly it can be classified as the following types.

1. Soilless based farming
2. Hydroponics based Farming
3. Aeroponic based farming

It can be practiced in single or multiple layers as required in Vertical farming. Commercially this type of farming is done in the following protected structures.

- Climate Controlled Greenhouse
- Naturally Ventilated Greenhouse
- Insect Proof Nethouse
- Shade Net House

Centre for Protected Cultivation Technology has infrastructures and Research projects ongoing related to Hydroponics/Soilless/Aeroponic and Vertical farming and the expertise required for related certificate course.

Course Contents

Greenhouse farming concepts, Types of Greenhouses and other protected structures, Drip Fertigation, Concepts of soilless farming, Types of Hydroponics farming, Aeroponic Farming Technology, Water & nutrient management for Hydroponics & Aeroponic farming, IPM & GAP, Light Management, Business Models, Industry exposure.

PG Diploma Courses

- I. Post Graduate Diploma in Soil Testing and Nutrient Management

Location: IARI main campus

Lead Division: Division of Soil Science and Agricultural Chemistry

Collaboration: Fertilizer industries (IFFCO, KRIBHCO, IPL, UPL, Mahindra Agro etc.)

Background:The soil testing service in India constantly expanded over the years, having presently a network of about 1750 soil testing labs. Despite the large network of STLs and personnel engaged therein, the service could not gain desired mass acceptability. As a result, the demand for soil testing is low, as even innovative and resource-rich farmers are often not enthusiastic about testing their soil for fertilizer use decisions. This is due to a lack of awareness regarding the advantages of soil testing. Soil testing, therefore, continues to be a government-driven service rather than a farmer demand-driven one. Ideally, in 70 years of its existence, the service should have become much demanded by the farmers. The fertilizer industries are constantly recruiting a workforce with soil testing and fertilizer recommendation duties in every corner of the country. Apart from the Govt. sponsored laboratories, many soil testing facilities are developed in the country by different private sector companies/NGOs etc. Soil testing is a specialized service that requires the involvement of a subject matter specialist with a thorough understanding of soil problems, soil test methods, data interpretation and formulation of recommendations, nutrient management protocols, the chemistry of fertilizers and manures application. Unfortunately, human resource deployed in several STLs possesses inadequate knowledge and skill essential for the service. There are enormous demands for experience and skilled personnel to be deployed in the soil testing labs across the country run by the government and private sectors. There is no specialized diploma course available for this purpose. Training courses on soil testing are also very few in the country.

Course structure

New courses have been developed with appropriate contents for PG Diploma and faculty of SS&AC have given their consent to take-up the new courses for PG Diploma, and approved by BOS, SS&AC.

Course No.	Name of the course	Credits	Offered by	Name of Faculty
Semester -I				
STNM-1	Introduction to Soil	2+1	SSAC	Dr Nayan Ahmed, Dr VK Sharma, Dr Ranjan Bhattacharyya, Dr MC Meena, Dr Sunanda Biswas, Dr Shrila Das
STNM-2	Principles of Soil Fertility and Plant Nutrition	2+1	SSAC	Dr SP Datta, Dr KM Manjaiah, Dr TJ Purakayastha, Dr Mandira Barman, Dr Prasenjit Ray, Mrs. Ankita Trivedi
STNM-3	Methods for Soil, Plant and Water Analysis	1+2	SSAC	Dr DR Biswas, Dr Sarvendra Kumar, Dr Indu Chopra, Mr Kapil Chobhe, Dr Abir Dey, Dr Debarup Das
Semester -II				
STNM-4	Fertilizers, Manures and Bio-fertilizers	2+1	SSAC	Dr DR Biswas, Dr KM Manjaiah, Dr Ranjan Bhattacharyya, Dr Archana Suman (Division of

				Microbiology), Dr Sarvendra Kumar, Dr Sunanda Biswas, Mr Kapil Chobhe, Dr Debarup Das, Mrs. Ankita Trivedi,
STNM-5	Principles and Practices of Nutrient Management	2+1	SSAC	Dr SP Datta, Dr Nayan Ahmed, Dr TJ Purakayastha, Dr VK Sharma, Dr MC Meena, Dr Mandira Barman, Dr Prasenjit Ray, Dr Abir Dey, Dr Shrila Das
STNM-6	Field Experience Training (15 days)	5	SSAC	Dr MC Meena and Dr Abir Dey Details are given at the point S.No. 7 of the proposal
STNM-7	Internship in Industry (15 days)	5	SSAC	Dr MC Meena and Dr Abir Dey Details are given at the point S.No. 8 of the proposal
	Total credits	25		

Syllabus

1. Introduction to Soil [3(2L+1P)]

Soil as a natural body, Pedological and Edaphological concepts of soil; processes and factors of soil formation; Soil Profile, components of soil; Soil physical properties: soil-texture, structure, density and porosity, soil colour, consistence and plasticity, soils of India; soil water retention, movement and availability; Soil air and temperature; silicate clays: constitution and properties; sources of charge; soil organic matter: composition, properties and its influence on soil properties; humic substances - nature and properties; soil organisms: macro and micro organisms, their beneficial and harmful effects; soil enzymes; soil pollution - behaviour of pesticides and inorganic contaminants, prevention and mitigation of soil pollution. Soil erosion: types and processes, management of soil erosion;

Practicals

Study of soil profile in field. Study of soil sampling tools, collection of representative soil sample, its processing and storage; determination of soil density, moisture content and porosity; determination of soil texture by feel and Bouyoucos Methods; determination of water holding capacity of soil, determination of soil colour. Determination of soil pH and electrical conductivity. Determination of cation exchange capacity of soil. Determination of microbial biomass and enzyme activities.

2. Principles of Soil Fertility and Plant Nutrition [3(2L+1P)]

Soil fertility and soil productivity; History of soil fertility and plant nutrition, criteria of essentiality, role, deficiency and toxicity symptoms of essential plant nutrients, nutrient movement in soils; nutrient absorption by plants; mechanistic approach to nutrient supply and uptake by plants, factors affecting nutrient availability to plants. Laws governing in plant growth and nutrition. Chemistry and cycle of soil nitrogen, phosphorus, potassium, calcium,

magnesium, sulphur and micronutrients. Critical levels of different nutrients in soil. Forms of nutrients in soil and plant, Indicator plants. Soil organic carbon, its function, different carbon pools in soil and their role in maintaining soil quality and productivity.

Practicals

Pot study involving indicator plants for development and identification of nutrient deficiency and toxicity; correction of nutrient deficiency in controlled and field conditions.

3. Methods for Soil, Plant and Water Analysis [3(1L+2P)]

Principles of quantitative inorganic analysis, principles of colorimetry, flame-photometry, atomic emission and atomic absorption spectroscopy. Principles of volumetric analysis, preparation of solutions for standard curves, analytical reagents, qualitative reagents, indicators and standard solutions for acid-base, oxidation- reduction and complexometric titration analysis. Principles and methods of analysis for macro- and micronutrients in soils and plants. Digesting techniques for plant materials. Quality of irrigation water and its suitability.

Practicals

Introduction of analytical instruments and their principles, calibration and applications, colorimetry and flame photometry. Estimation of soil organic carbon, estimation of alkaline hydrolysable N in soils. Estimation of soil extractable P in soils. Estimation of exchangeable K; Ca and Mg in soils. Estimation of soil extractable S in soils. Estimation of DTPA extractable Zn, Fe, Cu and Mn in soils. Estimation of N in plants. Estimation of P in plants. Estimation of K in plants. Estimation of S in plants. Estimation of B in plants. Estimation of Zn, Cu, Fe and Mn in plants. Assessment of irrigation water quality.

4. Fertilizers, Manures and Bio-fertilizers [3(2L+1P)]

Fertilizers, manures and biofertilizers: Indian and global scenario of production and consumption. Introduction and importance of organic manures, properties and methods of preparation of bulky and concentrated manures, mechanisms of decomposition with variable C/N ratio materials, enriched and concentrated manures - their preparation, preservation and usages. Green/leaf manuring. Non-conventional sources of plant nutrients: agricultural, municipal and industrial wastes and effluents. Chemical fertilizers: classification, composition and properties of major nitrogenous, phosphatic, potassic fertilizers, secondary & micronutrient fertilizers, customized and complex fertilizers, slow release and nano-fertilizers, Fertilizer Storage, Fertilizer Control Order. Bio-fertilizers - definition, classification and their nutrient potential, mechanisms, production, usage and constraints; strategies for popularizing biofertilizers in India.

Practicals

Determination of moisture, total nitrogen, total phosphorus and total potassium in manures and fertilizers, determination of ammoniacal and nitrate nitrogen in manures and fertilizers, di-acid and tri-acid digestion of manures, determination of biuret in urea, determination of total and organic carbon in manures, determination of mineralization rates of manures, determination of urea-N by hydrolytic method, determination of water soluble, citrate soluble and citrate insoluble P in fertilizers, determination of chloride other than NH₄Cl in ammonium chloride fertilizer, determination of Ca, Mg and S in manures and single superphosphate, determination of micronutrients in manures and micronutrient fertilizers. Identification of impurities in fertilisers.

5. Principles and Practices of Nutrient Management [3(2L+1P)]

Interpretation of soil test data; soil test summaries and soil fertility maps; Fertilizer recommendation approaches; critical nutrient concept; targeted yield and multiple regression techniques in soil test crop response studies; formulation of fertilizer dose for different types of crops and cropping systems including cereals, vegetables, ornamental and horticultural crops on normal and problem soils; fertilizer recommendations for rain-fed conditions, integrated plant nutrient supply systems; nutrient management in protected agriculture. Factor influencing nutrient use efficiency (NUE), problem soils and their management, soil amendments. Site-specific nutrient management; decision support systems for fertilizer recommendations; DRIS approach of fertilizer recommendation; Sensor-based soil fertility analysis and real-time nutrient management; Advanced soil testing kits for rapid soil testing and fertilizer recommendation.

Practicals

Use of leaf colour chart, SPAD meter and GreenSeeker for real-time N management; Development of fertilizer prescriptions through different approaches, Fertilizer recommendations through Nutrient Expert; soil testing and fertilizer recommendation through Pusa STFR meter. Determination of lime and gypsum requirement of soil. Field exposure to precision agriculture facilities.

7. Field Experience Training (15 days): One village will be assigned to each student for assessing the soil related problems, and develop management strategies. Students will collect the soil samples, processing, analysis the samples for fertility parameters, develop the fertilizer recommendation for the crops, and develop the soil fertility maps of the allotted villages. They will be associated with KVKs etc.

8. Internship in Industry (15 days): Students will be taken their internship in the soil testing and nutrient management related laboratory/industries/institute *etc.* Student will be associated with soil testing laboratories of the fertilizer industries like IFFCO, KRIBHCO, Mahindra, Goderaj etc. for understanding the functioning of their soil testing lab, and work independently to fulfil the lab requirement as trained man power. Industry will give a certificate for successful completion of the internship.

Budget requirements

S. No.	Item	Estimated cost (Rs.)
1.	Computers, projector and accessories	3.0 Lakhs
2.	Nitrogen distillation set	15 Lakhs
3.	Centrifuge	2.0 lakhs
4.	High precision balance	2.5 lakhs
5.	TA/DA for faculty	1.0 lakh

6.	Chemicals, glassware, plastic wares and consumable items	10 lakhs
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II. Post Graduate Diploma in Fruit Production Practices and Nursery Management.

Location: IARI main campus/Other centers.

Name of the lead division: FHT, ICAR- IARI, New Delhi

List of collaborating Divisions:

- ICAR- IARI, Jharkhand.
- WTC, ICAR- IARI, New Delhi.
- SSAC, ICAR- IARI, New Delhi.
- Agronomy, ICAR- IARI, New Delhi.
- FSPHT, ICAR- IARI, New Delhi.
- CPCT, ICAR- IARI, New Delhi.
- Plant Pathology, ICAR- IARI, New Delhi.

Background: Over the years, horticulture has emerged as one of the potential agricultural enterprises in accelerating the growth of economy. Its role in the country's nutritional security, poverty alleviation and employment generation programmes is becoming increasingly important. It offers not only a wide range of options to the farmers for crop diversification, but also provides ample scope for sustaining large number of agro-industries which generate huge employment opportunities. As a result of a number of thoughtful research, technological and policy initiatives and inputs, horticulture in India, today, has become a sustainable and viable venture for the small and marginal farmers. This sector has started attracting entrepreneurs for taking up horticulture as a commercial venture. In order to prepare the youth ready to meet the requirement of fruit industries /service sector and to inculcate entrepreneurship and start up among them ICAR- IARI, New Delhi offers Post-graduate Diploma programme in the area of 'Fruit Production Practices and Nursery Management'.

Course structure

Course No.	Name of the course	Credits (T+P)	Offered by	Faculty for Teaching (Tentative)
Semester -I				
FSC 501 (Existing)	Tropical Fruit Production	2+1	FSC	Dr O.P. Awasthi, Dr V.B. Patel, Dr Kanhaiya Singh, Dr A. Nagaraja and Dr Amit Kumar Goswami
FSC 503 (Existing)	Propagation and Nursery Management of Fruit Crops	2+1	FSC	Dr Kanhaiya Singh, Dr R.M. Sharma, Dr (Ms.) Vartika Srivastava, Dr Chavlesh Kumar
FSC 510 (Existing)	Organic Fruit Culture	2+1	FSC	Dr V.B. Patel, Dr (Ms.) K. Usha, Dr A.K. Shukla, Dr Bikash Das
Semester -II				
FSC 502 (Existing)	Sub-Tropical and Temperate Fruit Production	2+1	FSC	Dr AK Dubey, Dr RM Sharma, Dr MK Verma and Dr AK Shukla
FSC 515 (New)	Tissue Culture of Fruit Crops	1+2	FSC	Dr Sanjay Kumar Singh, Dr Manish Srivastav, Dr Vartika Srivastava, Dr Nimisha Sharma

FSC 516 (New)	Protected Cultivation of Horticultural Crops	2+1	FSC	Dr RM Sharma, Dr Jai Prakash, Dr Murtaza Hasan (CPCT), Dr MC Singh (CPCT), DR PK Singh (CPCT)
FSC 517	Exposure Visits to Hi-Tech Nurseries/ Centre of Excellence (15 days)	5	FSC	Dr Kanhaiya Singh, Dr Manish Srivastav, Dr (Mrs.) Madhubala Thakre, Mr. Nayan Deepak G.
FSC 518	Internship with Industry (15 days)	5	FSC	Dr Kanhaiya Singh, Dr Manish Srivastav, Dr Jai Prakash, Dr Amit Kumar Goswami
	Total	28		

Syllabus

1. FSC 501 Tropical Fruit Production (2+1)

Theory

Block 1:

Introduction Unit I: Importance and Background: Importance, origin and distribution, major species, rootstocks and commercial varieties of regional, national and international importance, eco-physiological requirements.

Block 2: Agro-techniques

Unit I: Propagation, Planting and Orchard Floor Management: Asexual and sexual methods of propagation, planting systems and planting densities, training and pruning methods, rejuvenation, intercropping, nutrient management, water management, fertigation, use of bio-fertilizers, role of bio-regulators, abiotic factors limiting fruit production.

Block 3:

Crop Management Unit I: Flowering, Fruit-Set and Harvesting: Physiology of flowering, pollination management, fruit set and development, physiological disorders – causes and remedies, crop regulation, quality improvement by management practices; maturity indices, harvesting, grading, packing, storage and ripening techniques; insect and disease management. Crops: Mango, Banana, Guava, Pineapple, Papaya, Avocado, Jackfruit, Annonas, Aonla, Ber, etc.

Practicals • Distinguished features of tropical fruit species, cultivars and rootstocks; • Demonstration of planting systems, training and pruning; • Hands on practices on pollination and crop regulation; • Leaf sampling and nutrient analysis; • Physiological disorders-malady diagnosis; • Physico-chemical analysis of fruit quality attributes; • Field/ Exposure visits to tropical orchards; • Project preparation for establishing commercial orchards.

2. FSC 502 Sub-Tropical and Temperate Fruit Production (2+1)

Theory

Block 1:

Introduction Unit I: Importance and Background: Origin, distribution and importance, major species, rootstocks and commercial varieties of regional, national and international importance, eco-physiological requirements.

Block 2:

Agro-Techniques Unit I: Propagation, Planting and Orchard Floor Management: Propagation, planting systems and densities, training and pruning, rejuvenation and replanting, intercropping, nutrient management, water management, fertigation, use of bio-fertilizers, role of bio-regulators, abiotic factors limiting fruit production.

Block 3: Crop Management Unit I: Flowering, Fruit-Set and Harvesting: Physiology of flowering, pollination management, fruit set and development, physiological disorders-causes and remedies, crop regulation, quality improvement by management practices; maturity indices, harvesting, grading, packing, storage and ripening techniques; insect and disease management. Crops Citrus, Grapes, Litchi, Pomegranate, Apple, Pear, Peach, Plum, Apricot, Cherries, Berries, Persimmon, Kiwifruit, Nuts- Walnut, Almond, Pecan, etc.

Practicals • Distinguished features of fruit species, cultivars and rootstocks; • Demonstration of planting systems, training and pruning; • Hands on practices on pollination and crop regulation; • Leaf sampling and nutrient analysis, Physiological disorders-malady diagnosis; • Physico-chemical analysis of fruit quality attributes; • Field/ Exposure visits to subtropical and temperate orchards; • Project preparation for establishing commercial orchards.

3. FSC 503 Propagation and Nursery Management of Fruit Crops (2+1)

Theory

Block 1:

Introduction Unit 1: General Concepts and Phenomena: Introduction, understanding cellular basis for propagation, sexual and asexual propagation, apomixis, polyembryony, chimeras. Factors influencing seed germination of fruit crops, dormancy, hormonal regulation of seed germination and seedling growth. Seed quality, treatment, packing, storage, certification and testing.

Block 2:

Propagation Unit I: Conventional Asexual Propagation: Cutting– methods, rooting of soft and hardwood cuttings under mist and hotbeds. Use of PGR in propagation, Physiological, anatomical and biochemical aspects of root induction in cuttings. Layering – principle and methods. Budding and grafting – principles and methods, establishment and management of bud wood bank. Stock, scion and inter stock relationship – graft incompatibility, physiology of rootstock and top working.

Unit II: Micropropagation: Micro-propagation – principles and concepts, commercial exploitation in horticultural crops. Techniques – in-vitro clonal propagation, direct organogenesis, embryogenesis, micrografting, meristem culture, genetic fidelity testing. Hardening, packaging and transport of micro-propagules.

Block 3:

Nursery Unit I: Management Practices and Regulation: Nursery – types, structures, components, planning and layout. Nursery management practices for healthy propagule production. Nursery Act, nursery accreditation, import and export of seeds and planting material and quarantine.

Practical • Hands on practices on rooting of dormant and summer cuttings; • Anatomical studies in rooting of cutting and graft union; • Hands on practices on various methods of budding and grafting; • Propagation by layering and stooling; Micropropagation- explant preparation, media preparation, culturing – meristem tip culture, axillary bud culture, micrografting, hardening; • Visit to commercial tissue culture laboratories and accredited nurseries;

4. FSC 510 Organic Fruit Culture (2+1)

Theory

Block 1:

General Aspects Unit I: Principles and Current Scenario: Organic horticulture, scope, area, production and world trade, definition, principles, methods and SWOT analysis.

Block 2:

Organic Culture Unit I: Farming System and Practices: Organic farming systems including biodynamic farming, natural farming, homa organic farming, rishi krishi, EM technology, cosmic farming; on-farm and off-farm production of organic inputs, role of bio-fertilizers, bio enhancers, legumes, inter cropping, cover crops, green manuring, zero tillage, mulching and their role in organic nutrition management. Organic seeds and planting materials, soil health management in organic production, weed management practices in organic farming, biological management of pests and diseases, trap crops, quality improvement in organic production of fruit crops.

Block 3:

Certification Unit I: Inspection, Control Measures and Certification: Inspection and certification of organic produce, participatory guarantee system (PGS), NPOP, documentation and control, development of internal control system (ICS), Concept of group certification, constitution of grower group as per NPOP, preparation of ICS manual, internal and external inspection, concept of third party verification, certification of small farmer groups (Group Certification), transaction certificate, group certificate, critical control points (CCP) and HACCP, IFOAM guidelines on certification scope and chain of custody, certification trademark – The Logo, accredited certification bodies under NPOP. Constraints in certification, IFOAM and global scenario of organic movement, postharvest management of organic produce. Economics of organic fruit production.

Practicals • Design of organic orchards/ farms management (1); • Conversion plan (1); • Nutrient management and microbial assessment of composts and bio-enhancers(2); • Preparation and application of composts, bio-enhancers and bio-pesticides(2); • Organic nursery raising (1); • Application of composts, bio-enhancers, bio-fertilisers and bio-pesticides, green manure, cover, mulching (2); • Preparation and use of neem based products(1); Biodynamic preparations and their role in organic agriculture, EM technology and products, biological/ natural management of pests and diseases(2); • Soil solarisation (1); • Frame work for GAP(1); • Documentation for certification(1).

5. FSC 515 Tissue Culture of Fruit Crops (1+2)

Theory

UNIT I Basic principles of plant tissue-culture and commercial exploitation in horticultural crops.

UNIT II Micro-propagation Techniques – in-vitro clonal propagation, direct organogenesis, embryogenesis, micrografting, meristem culture, genetic fidelity testing.

Practicals

General acquaintance with a tissue culture laboratory; Methods of aseptic culture and sterilization procedure; Stock solutions and preparation of culture media; In vitro culture establishment and plant regeneration, clonal fidelity testing- DNA isolation and RAPD/ SSR analysis; Techniques of low temperature germplasm storage, cryo-preservation and visit to cryobank.

6. FSC 516 Protected Cultivation of Horticultural Crops

Theory

UNIT I Importance and scope of protected cultivation; principles and structures used in protected cultivation including hotbed, cold frame, polyhouse, low tunnel etc effect of temperature, light, humidity and CO₂ on growth, flowering and production

UNIT II Hi-tech nursery raising technology and propagation of fruit crops; production 2technology and economics of production of high value crops; like strawberry, raspberry etc.

UNIT III Micro-irrigation, fertigation and soil-less culture; problems associated with growing of horticultural crops in greenhouse and their remedies; use of growth regulators in protected cultivation.

Practicals

Layout and installation of different protected structures; Climatic requirements maintenance for protected cultivation of horticultural crops; Hi-tech nursery management for fruit crops; Fertigation technology for horticultural crops; Soilless cultivation of horticultural crops.

7. Exposure Visits to Hi-Tech Nurseries/ Centre of Excellence(15 days): Exposure visits of Hi-Tech Nurseries in NCR, Centre of Excellence, KVKs will be undertaken for students.

8. Internship in Industry (15 days): Students will be taken their internship in Hi-Tech Fruit Cultivation, Hi-Tech Nursery Management at Centre of Excellence (State Govt.), Pvt. Industries (Jain Irrigation, Reliance Ltd., VNR Raipur etc. for having hands on experience about Hi-Tech Fruit Cultivation and Nursery Management. Industry may be asked to give a certificate for successful completion of the internship.

Budgetary Requirements

S. No.	Item	Estimated cost (Rs.)
1.	Computers, projector and accessories	3.0 Lakhs
2.	Creation of Field Lab.	15.0 Lakhs
3.	Contingency grant for conducting practical, activities, preparation of teaching aids, learning resources, consumables (chemicals, glass wares, plastic wares, etc.).	10.0 Lakhs
4.	Travel- TA/DA for faculty, exposure visits of students', excursion of students to different places/ facilities.	5.0 Lakhs

III. Post Graduate Diploma in Seed Production, Processing and Quality Control

Location: IARI main campus/Other centres.

Collaboration of other Divisions/ institutions/ industry & their specific role: *Lead*

Division: Division of Seed Science and Technology, ICAR-IARI, New Delhi

List of Collaborating Institutes/Divisions:

ICAR-IARI Regional Station, Karnal

ICAR-IARI Regional Station, Katrain

Div. of Agri. Engineering, ICAR-IARI, New Delhi

Div. of Vegetable Science, ICAR-IARI, New Delhi

List of collaborating industries:

National Seeds Corporation (NSC)

Public and Private Seed Industries

Background :Seed is the most important input for sustainable crop production and food security. Availability of quality seed is crucial for higher yield and productivity. At present more than 500 private seed companies are operating along with national /state seed corporation(s)to fulfil the seed requirement of farming community and for export purposes. In the significant advances India made in agriculture during the last five decades, the role of

the Seed Industry is substantial. It is a well established fact that the success of the green revolution in India was a combination of seeds of high yielding varieties and improved agronomic packages. Globally this is an exciting time to be in agriculture, particularly in the Seed Industry. The demand for quality seeds of improved varieties is fast growing and farmers' adoption of new technologies is happening at an amazing pace. Therefore, producing and supplying high-quality seeds of improved varieties to the tiller of the land is a high priority in agricultural growth and development. In light of the above, young agricultural graduates should be trained in the area of seed production, processing and quality control to make available a trained workforce and upscale the available human resources for the seed industry. The PG Diploma degree holders may produce seeds on their own farmland and obtain higher income as self-employed one. Alternately they can develop FPO with seed production as an important activity providing training to fellow farmers. Further, for the seed industry personnel, this course will benefit their skill enhancement and knowledge upgradation, improving their work efficiency.

Course structure

Course No.	Name of the course	Credits (L+P)	Offered by; collaborator
Semester -I			
SST 401	Principles and Techniques of Seed Production	2+1	DSST
SST 402	Seed Production in Field Crops	2+1	DSST; IARI Reg. Station, Karnal
SST 403	Seed Production in Vegetable Crops	2+1	DSST; D Veg Sc. and IARI Reg station Katrain
SST 404	Seed business and Entrepreneurship Development	2 +0	DSST
	Total credits	8+3	
Semester –II			
SST 405	Seed Processing and storage	2+1	DSST; D Ag.Engg.
SST 406	Seed Legislation and Plant Variety Protection	2+1	DSST
SST 407	Seed Quality Testing	2+1	DSST
SST 408	One month Industrial attachment	0+2	DSST
	Total credits	6+5	

	<u>OVERALL CREDIT LOAD</u>	<u>14 + 8</u>	
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Course Contents

SST 401: Principles and Techniques of Seed Production (2L+1P)

[Faculty:Dr SK Chakrabarty, Dr Sudipta Basu, Dr Sandeep K Lal, Div. of Seed Science and Technology, ICAR-IARI, New Delhi]

Theory

1. UNIT I: Seed as a basic input in agriculture, seed quality concept; factors affecting seed production; generation system of seed multiplication - classes of seed; stages of seed multiplication; seed multiplication ratio (SMR); seed replacement rate (SRR); varietal replacement rate (VRR);
2. UNIT II: Steps in the development, evaluation, release, notification and maintenance of varieties; life span of varieties and factors responsible for their deterioration; classification of crop plants in relation to the mode of reproduction.
3. UNIT III: Principles of hybrid seed production viz. isolation, synchronization of flowering, field inspection, roguing etc.; special agronomical practices for seed production; role of insect pollinators and their management for hybrid seed production; effect of environment on seed quality;
4. UNIT IV: Seed quality control system and organization; suitable seed production areas; seed village concept and participatory seed production; custom seed production; agencies responsible for seed production; seed industry in India.

Practicals

1. Seed production of varieties/ hybrids of rice, maize, pearl millet, pulses and vegetable crops.
2. Isolation distance and border rows in hybrid seed production field - space and barrier isolation; modifying isolation based on border rows; emasculation and pollination practices for hybrid seed production; methods for achieving synchronization in rice, maize, bajra and vegetable crops; supplementary pollination in rice; roguing in seed production plots
3. Visit to seed production plots; visit to seed production companies, certification agencies and seed processing units.

SST 402: Seed Production in Field Crops (2L+1P)

[Faculty:Dr Monika A Joshi, Dr Vijayakumar H.P from Div. of Seed Science and Technology, ICAR-IARI, New Delhi and Dr. R.N. Yadav from ICAR-IARI Regional Station, Karnal]

Theory

1. UNIT I: Basic principles of seed production & importance of quality seed, Floral structure, breeding and pollination mechanism in self and cross-pollinated crops, factors influencing seed production; generation system of seed multiplication - classes of seed, stages of seed multiplication in varieties and hybrids
2. UNIT II: Methods and techniques of seed production in varieties and hybrids of important cereals and millets - wheat, barley, rice, maize, sorghum and pearl millet; UNIT III: Methods and techniques of varietal seed production in major pulses - black gram, green gram, cowpea, chickpea, soybean and lentil - varietal and hybrid seed production in red gram.

3. UNIT IV: Methods and techniques of seed production in major oil seed crops - groundnut, sesame - varietal and hybrid seed production in sunflower and mustard; varietal and hybrid seed production in cotton - varietal seed production in jute.
4. Unit V: Seed production planning for varieties and hybrids of major crops; participatory seed production - seed hubs, seed village concept and community seed bank.

Practicals

1. Planning of seed production in field crops, sowing and nursery management techniques
2. Seed production of self- and cross-pollinated crops, Isolation distance and border rows in hybrid seed production field - space and barrier isolation; modifying isolation based on border rows in maize
3. Study on methods of achieving synchronization, Practicing supplementary pollination Study on foliar nutrition and influence on seed yield
4. Practicing roguing operation - identification of off-types, pollen shedders, shedding tassels, partials, selfed bolls, Pre and post harvest sanitation operations - cereals, millets and pulses
5. Visit to seed production fields, Seed production planning and economics of seed production - varieties

SST 403: Seed Production in Vegetable Crops (2L +1P)

[Faculty: Dr. Sudipta Basu, Dr. Sandeep K. Lal, Dr. R.Y. Vishwanath, Div. of Seed Science and Technology, ICAR-IARI, New Delhi in association with Dr. B.S. Tomar, JD(Extn.) and Head, Div. of Veg Sc. and IARI Reg station Katrain]

Theory

1. UNIT-I: Importance and present status of vegetable seed industry; factors influencing vegetable seed production; Principles of seed production; floral biology, pollination systems and breeding techniques related to vegetable seed production, agronomic practices for vegetable seed production; environmental factors affecting flowering/bolting in vegetable crops, seed production planning and economics of hybrid seed production.
2. Unit II: Seed production in major solanaceous vegetables - tomato, brinjal, chilli; malvaceous vegetable crop - bhendi; cucurbitaceous vegetables - gourds and melons,
3. Unit III: Seed production in cole crops - cauliflower, cabbage, knol-khol, root vegetables - carrot, radish and other temperate / hilly vegetable crops.
4. Unit IV: Seed production in major leguminous vegetables - peas and beans; leafy vegetables - amaranthus, palak, spinach, and lettuce.
5. Unit V: Seed production in tuber crops - potato, seed-plot technique in potato - true potato seed (TPS) production; seed production in bulb crops - onion, garlic.
6. Unit VI: Vegetative and clonal multiplication - methods, merits and demerits; clonal multiplication - potato.

Practical

1. Identification of vegetable seeds; studying floral biology of vegetable crops, sex forms in cucurbitaceous crops and their modification
2. Seed production technology of cucurbits, solanaceous vegetables and cole crops under open and net/poly-house conditions; emasculation and pollination methods for hybrid seed production in vegetable crops. planting designs for hybrid seed production
3. Roguing in seed production - identification of true to type, off-type and selfed fruits; harvesting methods - single and multiple harvesting method; seed extraction
4. Visit to vegetable seed production fields and seed companies.

SST 404: Seed Business and Entrepreneurship Development (2L +0P)

[Faculty: Mr. Manjunath P., Dr. Sandeep K. Lal and Dr. R.Y. Vishwanath, Div. of Seed Science and Technology, ICAR-IARI, New Delhi]

Theory

1. UNIT-I: Seed systems and food security, Seed industry: history, present status, organization setup, and major constraints, Seed enterprise and entrepreneurship development
2. Unit II: Seed production, distribution and supply systems, Economics of seed production: production costs and returns, Seed certification: concept and procedure, Post-harvest management of seed crop
3. Unit III: Seed Replacement Rate (SRR) and Seed Multiplication Ratio (SMR) and its importance, Basic concepts of seed marketing, Demand forecasting and its importance, Concept of price fixation and seed pricing policy
4. Unit IV: Market intelligence: Concept & importance, Product development and sales promotion, Seed distribution and communication channels, Product marketing: costs, margins & cost benefit ratio
5. Unit V: National and international organizations for facilitating seed trade, Provisions under Seed Act pertinent to seed companies and dealers, Recent developments in seed regulations and policies, Marketing laws and consumer rights, Export-Import policies for seed trade
6. Unit VI: Plant quarantine and phytosanitary requirements, OECD varietal certification and seed trade, Statutory requirements for operating seed business, Custom seed production and contract seed production, Seed hubs, Seed village concept and farmer participatory seed production

SST 405: Seed Processing and storage (2L+1P)

[**Faculty: Dr D Vijay**, Dr Sangita Yadav, Mr Manjunath P. , Div. of Seed Science and Technology, ICAR-IARI, New Delhi; Dr Ashwini Kumar from ICAR-IARI Regional Station, Karnal and One faculty from D Ag. Engg. to be identified]

Theory

1. UNIT-I: Classification of seeds based on storage behaviour; Types of storage; kinds of storage, Factors effecting seed storability- biotic and abiotic factors, pre-and post-harvest factors
2. Unit II: Seed equilibrium moisture content, hysteresis, thumb rules, prediction of storability and longevity of seeds, Concept of seed ageing and deterioration- causes, symptoms and mechanisms, Application of physiological and biochemical techniques for evaluation of seed ageing
3. Unit III: Seed viability and vigour, importance, testing, and influence on crop performance,
4. Mid storage corrections and other amelioration techniques to reduce seed deterioration, Storability of coated, pelleted, and primed seed
5. Unit IV: Storage methods and storage structures, Important storage insects and fungi and their control including seed treatment, fumigation, and other safe storage measures.
6. Unit V: Seed drying principle and different types and procedures and recent advances, Principles of seed processing and its importance in seed quality maintenance, Seed cleaning and processing equipment and their functions, processing efficiency, quality enhancement, seed blending and its relevance
7. Unit VI: Seed packaging, types, and its influence on seed longevity, Seed labelling and its statutory requirements

Practicals:

1. Estimation of seed moisture content, Effect of storage environment on seed viability

2. Effect of packaging material on seed quality , Seed treatment, Prediction of storability
3. Accessing physiological and biochemical changes during seed storage
4. Effect of drying on seed storability, Estimation of drying loss, Use of psychrometric chart to identify suitable temperature and RH for seed storage
5. Handling of seed processing equipment lab models, Estimation of processing efficiency of different equipment, Detection of mechanical injury during processing
6. Visit to seed store and processing plant

SST 406 Seed Legislation and Plant Variety Protection (2L+1P)

[Faculty: Dr Shiv K Yadav, Dr S. K. Chakrabarty, Dr Monika A Joshi and Dr Arun Kumar MB, Div. of Seed Science and Technology, ICAR-IARI, New Delhi]

Theory

1. UNIT I: Introduction to quality seed and its importance, Historical development of Seed Industry in India, Regulatory mechanisms of seed quality control and organizations involved in seed quality control programmes
2. UNIT II: Legislations and policies for quality assurance, Seed Act (1966), Seed Rules (1968), Seed Control Order (1983), EXIM Policy regarding seeds
3. UNIT III: New Policy on Seed Development (1988), National Seed Policy (2002), Seed Bill 2019, Plant Quarantine Act, regulations and plant quarantine set up in India
4. UNIT IV: Seed certification and OECD seed certification schemes, PPV & FR Act (2001) and Rules (2003), Introduction to Concepts of PVP, Understanding Criteria for PVP Registration, IP Management – A Conceptual Overview, Technology Life cycle, Technology Licensing
5. UNIT V: Criteria for protection of new varieties of plants, Principles and procedures of Distinctness, Uniformity and Stability (DUS) testing, Test guidelines, planting material, duration, testing options, Varieties of common knowledge, reference collection
6. UNIT VI: Assessment of DUS characters based on morphological, biochemical and molecular markers, Grouping of varieties, Types and categories of characters, Impact of PVP on growth of seed industry

Practicals

1. Morphological description of plant parts and plant, Character expression and states, Recording observation and interpretation of data
2. Genetic purity assessment based on seed characters, Genetic purity assessment based on seedling growth tests, anthocyanin pigmentation , Genetic purity assessment based on secondary compounds, phenol, peroxidase
3. DUS testing based on morphological descriptors of plant – cereals* and millets*, pulses* and oil seeds* , vegetable crops* (*will be decided on basis of crops raised in the particular semester)
4. Chemical and biochemical test applicable for DUS testing, Visit to DUS test centers

SST 407: SEED QUALITY TESTING (2L+1P)

[Faculty: Dr Sandeep K Lal, Dr Atul Kumar, Dr Arun Kumar MB and Dr Nagamani S from Div. of Seed Science and Technology, ICAR-IARI, New Delhi]

Theory

1. UNIT I: Evolution of seed testing at national and international level, Seed lot, types of samples, sampling intensity, devices and methods, Receipt and registration of submitted samples in the laboratory and sub sampling, including storage of guard samples

2. UNIT II: Seed structure and morphology in monocot and dicot seeds, Physical purity analysis - objectives, components and procedure, Determination of other distinguishable varieties (ODV) and test weight determination
3. UNIT III: Application of heterogeneity tests, Determination of moisture content: Principles and procedures, Determination of test weight, Germination test: requirements, media and procedures, Seedling evaluation, Use of tolerances in seed testing
4. UNIT IV: Seed viability testing: principle, procedure and evaluation, Seed vigour testing: concept, types and methods, Genetic purity testing- concept, objectives and laboratory methods, Field plot tests for genetic purity testing – Grow-out test (GOT), Testing of GM seeds and trait purity, load of detection (LOD)
5. UNIT V: Seed health testing - principles and methods, Testing of coated/pelleted seeds, Advances in seed quality testing
6. UNIT VI: Maintenance of records, registers, preparation and dispatch of seed testing reports, their interpretation and uses, Establishment and Management of a seed testing laboratory, Accreditation of a seed testing laboratory in India and ISTA accreditation

Practicals:

1. Seed testing equipment and handling of seed sample in STL, Seed sampling and obtaining a submitted/ working sample, Calibration of seed testing equipment and their maintenance
2. Physical purity analysis in monocot and dicot crop seeds, Identification of weeds seeds and crops, Determination of seed moisture content - Hot air oven method and moisture meter
3. Determination of seed moisture content - Hot air oven method and moisture meter, Preparation of substrate/media (BP, TP and Sand) for standard germination tests and sowing of seeds under different substrata, Evaluation of seed germination under different substrates, Testing of quality/specifications of the seed germination media, Methods of breaking seed dormancy and testing of seeds
4. Assessment of seed viability in monocotyledonous and dicotyledonous seeds (TZ test), Assessment of seed viability in monocotyledonous and dicotyledonous seeds (TZ test), Preparation of seed samples and estimation of seed vigour
5. Genetic purity testing using chemical and biochemical methods, Genetic purity testing using chemical and biochemical methods, Genetic purity testing using molecular methods for hybrids and parental lines, Testing of coated/pelleted seeds
6. Seed health testing (Standard blotter and Agar plate methods), Seed health testing - Embryo count method, Analysis and reporting of seed testing results, use of tolerance tables and reason/s for variation in seed quality testing

SST 408:One-month Industrial attachment (0+2)

[Faculty: Mr Manjunath P. and Dr Vishwanath Y. from Div. of Seed Science and Technology, ICAR-IARI, New Delhi]

- Need-based attachment
- Project report submission

IV. Post Graduate Diploma in Organic Farming

Location: IARI main campus/Other centres.

Name of the lead division: Division of Agronomy, ICAR-IARI, New Delhi 110 012

List of collaborating Divisions:1.

- Division of Entomology, ICAR-IARI, New Delhi.
- Division of Plant Pathology, ICAR-IARI, New Delhi.
- Division of Post-harvest Technology, ICAR-IARI, New Delhi.

- Division of Agricultural Economics, ICAR-IARI, New Delhi.
- ICAR-Indian Institute of Organic Farming, Sikkim or National Centre of Organic Farming (NCOF), Ghaziabad, UP

List of collaborating private sectors

- APEDA, Govt. India.
- Organic farming certification agencies.
- Padam Shree awardee Bharat Bhusan Tyagi organic farm, Bulandshahar, UP

Background:India has an inherent advantage in organic farming because of its diverse geography and climatic conditions. India has a great potential to increase its area under organic farming, particularly in rainfed/ dryland/ hill regions. Many such areas are organic by default and have low productivity as well. Research results have conclusively proved that these lands respond very well to organic management. Hence, more of these areas should be used for organic cultivation, particularly in light of the increase in drought frequency.

In recent years, organic farming has emerged as one of the potential agricultural enterprises in accelerating the growth of the Indian economy. Its role in the country's nutritional security, poverty alleviation, farmers' doubling income, and employment generation programmes is becoming increasingly important. It offers not only a wide range of options to the farmers for crop diversification, but also provides ample scope for sustaining the large number of agro-industries that generate huge employment opportunities. As a result of a number of thoughtful research, technological, and policy initiatives and inputs, organic farming in India, today, has become a sustainable and viable venture for the small and marginal farmers. This sector has started attracting entrepreneurs for taking up organic farming as a commercial venture.

A huge potential is also seen in the export and marketing of organic inputs and outputs (organic products). The opportunities for export are also expanding in the country. Simultaneously, the local demand for organic food is also growing. Organic products, which until now were mainly exported, are now finding consumers in the domestic market as well.

A great employment opportunity also exists in the organic sector. Unemployed people can find employment by producing and marketing the organic seed, organic manures (composts, vermicomposts), organic fertilizers, biofertilizers and organic pesticides. One can easily set up the units for production of vermicompost, biofertilizers and organic pesticides and find self-employment.

In order to prepare the youth ready to meet the requirement of organic products /service sector (accreditation & certification) and to inculcate entrepreneurship and start up among them ICAR-IARI, New Delhi offers Post-graduate Diploma programme in the area of 'Organic Farming'.

Course structure

Course No.	Name of the course	Credits	Offered by	Possible course instructors
Semester -I				
PGDOF 201	Fundamentals of Organic Farming	3+0	Agronomy	Dr. Dibakar Mahanta Dr. Dinesh Kumar Dr. Shiva Dhar Dr. Y.S. Shivay
PGDOF 202	Organic Production Technologies / Organic Crop	3+2	Agronomy	Dr. Raj Singh Dr. Y.V. Singh Dr. Dinesh Kumar

	Production Systems			Dr. Shiva Dhar
PGDOF 203	Plant Health Management	3+2	Agronomy / Entomology / Pathology	Dr. Raj Singh/ Dr. Ramanjit Kaur Dr. (Mrs.) Debjani Dey (Entomology) Dr. Rashmi Aggarwal (Pathology) Dr. Harender Kumar Sharma (Nematology)
PGDOF 204	Post-Harvest- handling of Organic Produce	3+2	Post-harvest technology / Agronomy	Dr. Ram Ashreay Dr. Dinesh Kumar
Semester -II				
PGDOF 205	Organic Certification, Standards, and Regulations	3+2	Agronomy / APEDA	Dr. Dinesh Kumar Dr. Y. S Shivay
PGDOF 206	Marketing	2+1	Economics /Agronomy	Dr. Alka Singh Dr. Dinesh Kumar
PGDOF 509	Project Report	10	Agronomy	Dr. Dinesh Kumar Dr. Y. S Shivay

Syllabus

Course No: PGDOF 201 Credit hour: (3+0)

Course title: Fundamentals of Organic Farming

Objective: To impart knowledge on the basic concept of organic farming

Theory

Unit I. Concepts and principles of organic farming - History and evolution of organic farming in the world and India. Scenario of organic farming in India and world, global market for organic products, IFOAM's Guiding principles of organic farming, conversion to organic agriculture, advantages and limitations.

Unit II Definitions and types of organic farming - Definitions of organic farming, types of organic farming such as natural farming, zero chemical natural farming, bio dynamic farming, biological farming, compost farming, Natueco culture, integrated farming, homa farming, permaculture etc., traditional farming systems in India and evolving indigenous knowledge systems

Unit III Conventional vs. Organic farming - Philosophy of two farming systems, fundamental differences, productivity issues, management protocols, food quality, nutritional differences and impact of conventional practices on soil fertility, natural resources, environment and overall social perception. Myths and realities about organic farming in addressing nutritional security and food safety need vis-à-vis national food security.

Unit IV. Advocacy, Ethics, health and social issues in organic farming – Advocacy for organic farming with sustainability, resource conservation and food safety issues. Advocacy through overall farm productivity under diversified cropping systems. Spirituality values and ethics in organic farming. Socio economic importance of organic farming: concept measurements and issues. Need for ethical practices and values across the organic agriculture value chain including trading and reaching to consumers.

Unit V. Organic farming for sustainability, resource conservation, climate change issues and safe and healthy food – General concerns on sustainability, climate change issues threatening sustainability, potential of organic farming practices in addressing sustainability and climate change. Resource conservation through organic farming, rainwater conservation and preservation of native seeds and germplasm an essential component of organic farming,

Consumers concerns on food quality and safety, organic farming for safe and healthy food, ITKs potential and role in sustainability of modern organic farming practices

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Basic knowledge on organic farming so as to be an organic trainer, promoter and grower.

Reading materials:

- 1) Basics of Organic Farming: by Mamta Bansal. Kindle Edition 2.
- 2) The Complete book of Organic farming and products of organic compost: NPCS Board of consultants and Engineers.
- 3) ABC of Organic Farming: Amitava Rakshit and H.B. Singh. Published by Jain Brothers
- 4) Basics of Organic Farming: Deshpande, WR, 2009, All India Biodynamic and Organic Farming Association, Indore, MP, India P-306.
- 5) Eyhorn, F., Heeb M. and Weidmann, Gilles IFOAM Training Manual for Organic Agriculture in the Tropics, FiBL and IFOAM

Course No: PGDOF 202 Credit hour: (3+2)

Course title: Organic Production Technologies / Organic Crop Production Systems

Objectives: To provide knowledge on organic crop production technologies

Theory

Unit I. Fundamentals of organic farm management and conversion – Salient features of organic farm management, strategies for conversion to organic, step-by-step planning, integration of contamination control measures, planning for on-farm input production and supplementary off-farm inputs, planning for rain water harvesting and water conservation approaches including efficient irrigation systems and moisture preservation techniques, visit to organic farms and study on farmer's best practices for conversion.

Unit II. Management of diversity and cropping systems – Importance of diversity, installation of diversity through the plantation of utility trees, nitrogen-fixing tree hedges, habitat management for friendly insects and birds, and nitrogen-fixing crops as intercrops. Importance of cropping systems management with long-term planning, crop rotations, intercropping, multi-cropping, relay cropping, and multi-layered cropping.

Seeds/planting material – use of the certified seed, conventional untreated seed, use of non GMO seeds

Conversion period – annuals/biennials/perennials, reduction in conversion period, synergy between NPOP and PGS

Unit III. Nutrient management – Components of nutrient management in organic crop production, assessment of crop nutrient requirements, calculation of nutrient credits from on-farm practices and resources such as intercrops, cover crops, biomass mulching, calculating additional input requirements. Managing nutrient needs through use of organic manures viz., FYM, compost, Vermicompost, oil cakes, in-situ and ex-situ green manuring, crop residue management, use of restricted organic nutrient sources, liquid organic manures and dung urine slurries, methods of manuring and biomass application, measures to prevent accumulation of heavy metals & other pollutants and over manuring, split application of manures, foliar feeding as replacement of top dressing, ITKs and farmers innovations in nutrient management

Unit IV. Integration of microbial and mineral inputs Importance of bio fertilizers, types of biofertilizers, nutrient potential, methods of application, enriching manures/ composts with biofertilizers, identifying the need for use of supplementary mineral sources and their integration in nutrient management package.

Unit V. Weed management - Prevention of weeds through cropping systems management, crop geometry, stale seedbed technique, summer ploughing, soil solarisation, cover crops, mulching, flooding, biological weed management, selection of suitable physical and mechanical approaches and biological and plastic mulches

Unit VI. Water and Irrigation Management – Soil-water relation, theories of water availability, water use efficiency management, soil and water conservation, methods of irrigation and automation in irrigation systems, irrigation scheduling in different crops.

Unit VII. Modelling of agronomic practices and nutrient management protocols for some important agricultural and horticultural crops – Identification of compatible associate and intercrops/ companion crops, placing trap crops and insectary plants in cropping geometry, making provisions for nutrient credits from biomass mulching, intercrops and green manures, making provisions for nutrient credits from microbial enrichment with microbial/ liquid manure inputs, balance nutrient requirement modelling and identification of inputs and planning for quantity and time of application

Unit VIII. Crop growth and yield analysis - Crop growth expressions in plants, growth measurements, important growth indices and forms of growth analysis in field crops. Factors determining yield. Use of growth analysis technique to study variation in yield due to planting season, planting density, fertilizer treatment, other agronomic practices, light, temperature, water, growth substances, varietal differences. Crop response curves. Dynamics of crop growth and modelling.

Unit IX. Success stories of effective crop management with optimum yields of practicing organic farmers (one in irrigated systems and one in rainfed systems) – Field visit, documentation of farming system with inputs and outputs, identification of practices important for organic systems, nutrient management practices, pest management protocols, yields and economics. Salient features for success and for further replication in crop production modelling

Practicals

- 1) Visit to organic farms and study general nutrient management practices, documentation of farming system with inputs and outputs and crop growth analysis using crop growth analysis techniques
- 2) Getting acquainted with different tilling methods and rain water harvesting and water conservation techniques
- 3) Production of liquid manures and dung-urine slurries
- 4) Production of customized composts using FYM/ Compost, mineral nutrients and biofertilizers, assessment of nutrient profiles in enriched composts
- 5) Methods of application for biofertilizers
- 6) Weed management practices, tools and efficacy of different approaches
- 7) Modelling of agronomic practices for a given cropping system with use of available resources

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Basic knowledge on organic crop production system

Reading materials

1. Basics of Organic Farming: by Mamta Bansal. Kindle Edition
2. The Complete book of Organic farming and products of organic compost: NPCS Board of consultants and Engineers.
3. ABC of Organic Farming: AmitavaRakshit and H.B. Singh. Published by Jain Brothers

Course No. PGDOF 203 (3+2)

Course title: Plant Health Management

Objectives: To provide knowledge on plant health management for optimization of crop yield due to organic farming

Theory

Unit I. Classification of pest organisms – Classification of pests viz. weeds, bacteria, nematodes, fungi, insects, viruses, vertebrates, etc., identification of pests and beneficial organisms,

Unit II. General principles of plant health management in organic farming - Principles of pest management in organic crop production; Pest surveillance and pest population estimation; concept of economic injury levels (EILs) and economic threshold levels (ETLs), principles of Agro Eco-System Analysis (AESAs) based pest management, estimation of Pest : Defender (P:D) ratio, understanding AESA methodology

Unit III. Biology of pests and population dynamics - Population dynamics in relation to environment, distribution, identification; Life cycle of key pests of cereals, pulses, vegetables, stored grains, fruit crops and protected cultivation

Unit IV. Ecological strategies for pest management - Proper sanitation, appropriate fertilization, necessary pruning, timing of planting to escape infection, crop rotation, avoidance of endemic sites, space management for sunlight and air, plant quarantine, etc.

Unit V. Cultural and physical control strategies – Importance and use of traps, coloured plates, pheromones, use of insectary plants, trap crops and planning for diversity plant integration as border crops, hedge rows, intercrops etc.

Unit VI. Biological control - Conservation of natural enemies, classical biological control systems, important beneficial insects and their integration and use in different cropping systems

Unit VII. Biopesticides – Biopesticides, types, mode of action, production, methods of application and impact assessment on crops and pest load
Unit VIII. Botanical pest management – Using different plants for management of different pests, methods for using such plants and active ingredient extraction methodologies, formulation of usable solutions and methodologies for application. Integrated strategies, development of crop specific integrated management modules, importance and need for chemical alternatives permitted in organic farming, methods for use and application.

Unit IX. Indigenous practices and their importance in plant protection – Indigenous practices of avoiding pests, managing pests, important plants being used since ages and innovative botanical and fermentation inputs developed by farmers for pest management

Unit X. Pest control of produce in storage – Physical, mechanical and biological approaches, modified environment, management of hygiene and phyto-sanitary approaches, use of organically acceptable fumigants such as carbon dioxide and nitrogen

Use of approved off farm inputs for pest and disease management

Practicals

1. Collection and Identification of major/key pests and plant diseases,
2. Estimation of pest population, nature of damage, assessment of crop losses,
3. Familiarization with important crop pests & diseases and their biological control agents,
4. Demonstration/familiarization with various tools of insect-pest & disease management,
5. Mass rearing techniques of important biological control agents,
6. Preparation of organic/natural formulations for insect-pest & disease management,
7. Evaluation of organic formulations for determining their pesticidal properties and field efficacy.
8. Preparation and validation of traditional formulations.

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Plant health will be taken care of for optimization of higher crop yield due to organic farming

Course No: PGDOF 204 (3L+2P)

Course title: Post Harvest-handling of Organic Produce

Objectives: To provide knowledge on post-harvest handling of organic produce for optimization of crop yield due to organic farming

Theory

Unit I .Pre/Postharvest Factors for Post-harvest Losses of Organic Produce - Pre and post-harvest factors responsible for causing organic produce losses. Principles and practices responsible for losses of organic agricultural produce. Qualitative, quantitative, nutritional and socioeconomic losses. Loss assessment and estimation techniques and their limitations and methods for reducing postharvest losses

Unit II. Introduction to Value Chain and Handling of Fresh Organic Products for Processing- Management of hygiene and phyto-sanitary measures, measures to reduce field heat, cleaning and washing, control of enzymatic and non-enzymatic changes, transportation, sorting, grading, peeling, sampling and size reduction, packaging, labelling; handling methods for fresh fruits, vegetables and flowers.

Unit III. Organic Food Processing and Preservation – Fundamental principles for food processing in organic farming, parallel processing, ingredients to be used, acceptable processing techniques, use of preservatives, processing aids, flavouring agents and nutrient supplement in organic food and feed processing, process flow and product recipe, single ingredient and multi ingredient products.

Unit IV. Food Standards and Residue Analysis/Toxicology – Fundamental principles of food standards, HACCP system, US and European Export/Import standards for different crops, MRLs for conventional food, sources of contamination, assessment and management of residues and toxins in food, critical control points, heavy metals and pesticide residue analysis, analytical methods and tools. Interpretation of residue analysis reports, analysis protocols and GMO report analysis.

Unit V. Principles of Packaging – Characteristics of packaging materials for organic food, packaging requirements for fresh and processed organic food for local and international markets, labelling requirements for fresh and processed organic food

Labeling of organic products (NPOP) – Organic, made with organic, ingredients as organic, use of India Organic logo, certification mark and approval of label

Practicals

- 1) Study of maturity indices for harvest of organic fruits, vegetables, spices and plantation crops.
- 2) Determination of physiological loss in weight and respiration rate in fruits and vegetables.
- 3) Determination of chemical constituents like sugar, starch, pigments, vitamin C, carotenes, acidity during maturation and ripening in fruits/vegetables.
- 4) Protective skin coating with organic wax emulsion to extend the shelf life of fruits and vegetables.
- 5) Study of effect of precooling on shelf-life and quality of fresh fruits, vegetables and flowers.
- 6) Study of packages-bulk and consumer packs for different fruits, vegetables, flowers and spices.

- 7) Study of construction and working of zero energy cool chamber. Study of storage behaviour of different fruits and vegetables in zero energy cool chamber.
- 8) Preparation and preservation of fruit-based beverages and blended products from fruits and vegetables.
- 9) HACCP analysis, residue analysis in organic products. Visit to packaging centres, local markets, cooperative organisations, super markets dealing with marketing of organic perishables.

Course No: PGDOF 505 (3L+2P)

Course title: Organic Certification, Standards and Regulations

Objectives: To provide knowledge Organic Certification, Standards and Regulations Theory

Unit I. National and international regulations on quality assurance and certification – National Programme for Organic Production (NPOP), National Standards for Organic Production (NSOP), USDA NOP Programme and Standards, EU Organic standards Regulation, JAS, Codex Alimentarius, Canada Organic Regulation and important differences between NPOP and international standards. FSS Act 2006 for organic food and 2017 Notification, basic requirements, enforcement, standard operating procedures and verification in value chain

Unit II. ISO systems for quality assurance (ISO 17065, ISO 17011, ISO 19011 etc.) and accreditation processes – What is ISO, salient features and functions of ISO, ISO systems for auditing, ISO 17065 for auditing and certification agencies, ISO 19011 Inspection protocols, ISO 17011 Accreditation requirements, ISO 17025 Accreditation of quality analysis laboratories. Accreditation procedure and policies under NPOP, Essential requirements and competence for making an organic certification body, Conflict of interest management

Unit III. Types of certification systems (NPOP and PGS), standards and procedures
NPOP – A third party certification systems, Certification bodies operational policies and functions, National standards for crop production, livestock, Aquaculture, Processing and handling and other miscellaneous systems. Tracenet the online data management tool and traceability management **PGS – Participatory Guarantee Systems** – Evolution of PGS Systems, Guiding principles, PGS Standards, International scenario on PGS development Procedure for organic guarantee under PGS systems, PGS-India programme, operation of PGS-India programme, institutional structure, PGS-India Data management platform, management of traceability.

Unit IV. On-field management of standard compliance and documentation – Issues for implementation of standards on field such as conversion period, contamination control, fertility management, living condition requirement for livestock, management of integrity in processing and handling, Fundamental policy for inspections, step-by-step inspection protocols, Development of inspection formats and inspection checklists. Documentation requirements such as organic system plan, field operation register, input and cultural practices record, processing record, purchase and sales records and product flow in processing.

Unit V. Individual and grower group certification management – Basic requirements for certification management by (a) Individual producer and (b) Grower/ producer groups. Applicability and types of systems covered

Unit VI. Inspection (under NPOP) and peer review (under PGS) systems – Fundamental principles of inspection, checklists and inspection parameters, general policy frame work

NPOP – Third party inspection procedure, risk assessment, documentation and record keeping review, physical verification of facilities, fields and stables, production facilities, estimated yield/production assessment, tracking the product flow throughout the process, chain of custody. Review of inspection forms and checklists and certification decisions.

PGS-India – Peer review principles, making of peer review committees and peer review checklists, analysis of peer review checklists and certification decisions. Submission of summary sheets to Regional councils and assessment and endorsement of certification decisions.

Unit VII. Certification of crop, livestock, aquaculture and other systems – Standards, their implementation in production systems, measures for contamination control, integrity management, sanitation and hygiene, input evaluation procedures, development of process tracking checklists

Unit VIII. Certification of processing, handling, trading and management of traceability - Standards, their implementation in production/ processing and handling systems, processing method, use of approved food additives and processing aids, pest control measures, measures for contamination control, integrity management, sanitation and hygiene, packaging and labelling, development of process tracking checklists

Unit IX. Internal control system management in large farmer group under NPOP – Large farmer groups, essential requirements, internal control systems, development of ICS operating manual, management of ICS, internal inspections, risk assessment, external inspection including assessment of internal inspections and certification decisions, additional documentation for groups, produce/ output management and sale record management

Unit X. PGS Group development and PGS certification management – Essential requirements for local groups, development of local group operating manuals, requirements of group meetings and trainings, decision making by farmers, operational policies for Regional Councils, developing operating manual for Regional councils, assessment of summary sheets and decisions of local groups, procedure for decision endorsement and certification granting

Practical themes

- 1) Documentation of certification procedures, acquaintance with record keeping, handling, labelling and preparation of farmers IDs for developing ICS.
- 2) Visit to certification bodies, certified farms, certified processing and handling operations
- 3) Development of organic system plan for specific production system
- 4) Development of inspection format and checklists for specific production system
- 5) Development of operating procedures on specific aspects
- 6) Risk assessment on organic farms and possible mitigating measures
- 7) Running of audit trails in certified operations
- 8) Mock inspections of different production systems
- 9) Exercise on inspection report/ peer evaluation checklist review and certification decision
- 10) Exercise on methods of yield assessment

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Educating to become a real organic grower

Course No: PGDOF 506 (2L+1P)

Course title: Marketing

Objectives: To provide knowledge on the marketing of organic produce for economic profit of the grower

Theory

Unit I. What is marketing?–Face-to-face marketing, Facilitating functions of a market, what’s special about agricultural markets? Pricing policy and Role of prices

Unit II. Basics of Supply and Demand – Demand, Aggregate demand, Supply and Aggregate supply

Unit III. Food Marketing Channel– Understanding the food marketing channel, Scenario Analysis Unit, requirement of certified operators in supply chain, verification of chain of custody, product flow and traceability, role of handler and trader, trade of packed products, domestic trade, export of organic products, requirements of importing country(ies), recognition facilitation through agreements, handling of rejections/detections/irregularities in export consignments

IV. Market intelligence– Market research, Production cost assessment, Projecting Revenues, Accounting, and Market Selection, Compliance to National Regulations, Demand for bulk and retail products, analysis of product category,

Unit V. Organic production and domestic market size, Institutional context and regulations (such as NPOP, NSOP, APGMC Act, PGS, FSSAI, Jaivik Bharat)

Unit VI. Organic Food Distribution System – Domestic market structures, and classification framework, urban organic retail models, Organic specialty stores, markets and health food stores. Direct marketing and Community Supported Agriculture

Unit VII. Market potential for organic foods – Consumer preferences and perceptions (organic sensitivity, building awareness on organic foods and consumer needs, shopping Behaviour, factors influencing purchases of new foods), general trade and organized retail,

Unit VIII. e-Marketing and e-consumer perceptions and Behaviour – Why organic food, source and perception of organic foods, uses of organic food, resistance to use organic products, source of awareness, organic food-is it a fad?, On-line retail and home delivery services, role of advertising and choice of media, understanding the role of quality in marketing, perception of health benefits and assurance/certification

Unit IX. Accessibility of organic foods, premiums and willingness to pay premiums, role of retailer

Unit X. Efficient supply chains and retail channels, sustainability of supply chain

Unit XI. Consumer purchase Behaviour and habits – Shopping Behaviour, role of influencer in decision making, concern over adulteration, chemicals, loss of nutrients and vitamins during processing and manufacturing and its impact on marketing and sale

Unit XII. Challenges and success stories – Success stories in organic marketing, organizational models, their advantages, challenges, limitations and legal context.

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Basic knowledge on marketing to get higher prices in organic produces.

Budget Requirements

S.No.	Item	Amount (Rs.in lakhs)	Remarks
1.	Renovation of the lecture hall	13	The existing lecture hall is in bad condition and needs to be repaired
2.	Creation of a new lecture hall	40	To accommodate more students/ trainees
3.	Creation of organic	30	To conduct practical and hands-on learning

	farming lab		
4.	Contingency	10/year	For conducting PG diploma-related practical activities, theory/ practical classes, preparation of training manuals/e-resources
5.	Travel	5 /year	For undertaking visits, excursion tours of trainees to different places /facilities

V. Post Graduate Diploma in Integrated Farming System

Location: IARI main campus/Other centres.

Lead Division: Division of Agronomy, ICAR-IARI, New Delhi 110 012

Collaboration

- ICAR-Indian Institute of Farming System Research, Modipuram
- National Dairy Research Institute, Karnal
- Indian Veterinary Research Institute, Bareilly
- APEDA
- Division of Entomology, ICAR-IARI, New Delhi.
- Division of Plant Pathology, ICAR-IARI, New Delhi.
- Division of Horticulture, ICAR-IARI, New Delhi.
- Division of Post-Harvest Technology, ICAR-IARI, New Delhi
- Division of Agricultural Economics, ICAR-IARI, New Delhi.

Background : Agriculture has long been recognized as the backbone of the economy of the India as it supports almost 18 per cent human and 15% livestock population of the world from 2.3 per cent of geographical area and 4.0 per cent of water of the globe. Indian agriculture has achieved tremendous goal in the food grain production during last 7 decades. The food grain production has increased from 50.82 million tonnes in 1950-51 to all time highest 310 million tonnes in 2021-22, while the increase of net cultivated area was only from 97.32 million ha during 1950-51 to 140 million hectare during 2020-21. But the total food grain production during this period increased nearly six fold. Increase area under irrigation, use of high yielding varieties, industrial inputs (fertilizers, pesticides and others), mechanization, popularization of technologies and government policies played vital role not only in achieving self-sufficiency in food grains, but also country is earning precious foreign exchange from the export of food grains. But the achievements in increasing the production of food grains have been realized with the high cost of natural resources and environment and as a result, Indian agriculture is facing many challenges. Degradation of land, decrease in soil fertility, water level and factor productivity, increased resistance of various pests to many pesticides, appearance of new pests, increase in small and marginal land holdings, decrease in income and employment of farmers, and above all the harmful effects on climate change on agriculture are the important factors, which are posing a serious threat to the sustainable agricultural production in the country. Under such condition, execution of a series of reform measures is need to solve these problems of sustainable agriculture. Among others factors, the development and implementation of integrated farming systems are of special importance for a sound management of farm resources to enhance farm productivity and reduce environmental degradation, improve quality of life of resource poor farmers and maintain sustainability. Integrated farming

system is a strategy of harmonization by joint management of land, water, vegetation, livestock and natural resources. This can lead to sustainable productivity and also ensure better livelihood securities for the people.

Farming system is quite effective to provide the opportunities for generating employment and income. It can be a very good source of income for the unemployed people by producing high value crops and producing livestock, fish, duck, poultry, honey, mushroom, very-compost and biogas. To prepare the youth to meet the need of organic products/services sector (accreditation and certification) and to develop and initiate entrepreneurship ICAR-IARI, New Delhi PG Diploma in the field of 'Organic Farming' program offers.

Course structure

Course No.	Name of the course	Credits	Offered by
Semester –I			
PGDFS 301	Concept and fundamentals of Farming Systems	3+0	Agronomy
PGDFS 302	IFS components and suitable enterprises for efficient farming system model	3+2	Agronomy
PGDFS303	Different farming system model for different agro-climatic zones of the country	3+2	Agronomy / Entomology / Pathology
PGDFS304	Diversification through different horticultural crops including fruit trees, vegetables, floriculture, protected agriculture and mushroom cultivation a.	3+2	Horticulture/vegetable science/Agronomy/CPCT
Semester –II			
PGDFS305	Production technologies of dairy, fishery, poultry, duckery, bee keeping, vermi-composting and biogas	3+2	Agronomy / NDRI/IVRI/ Fish Centre/Plant Pathology/Entomology division
PGDFS 306	Post-harvest technologies and Marketing	3+2	PHET/Economics /Agronomy
PGDFS 307	Project Report		Agronomy

Syllabus

Course No:PGDFS 301 Credit hour: (3+0)

Course title: Concept and Fundamentals of Farming systems

Objective: To impart knowledge on the basic concept and fundamentals of farming systems

Theory

History and development of farming systems models in the world and India. Challenges of Indian agriculture, philosophy and Need of farming system approach, merits and limitations of farming systems, scenario of farming system approach in India, Definitions of farming systems, differences between conventional farming and integrated farming system approach.

Course No. PGDFS 302 credit hour (3+2)

Course title: components and enterprises of farming system

Objective: To understand about different components and enterprises of farming systems

Theory- Definitions of components and enterprises, Maintenance of different components of farming systems, identification of different enterprises and their importance in farming systems, types of farming systems such as farming systems for rainfed and irrigated ecology, farming system for hilly regions, allocation of area to different enterprises, assessment of need of food grains and other commodities for food, nutritional and economic security, dynamics of farming system models, importance of organic farming in farming systems, scope and limitations of organic farming system models.

Practical

- 8) Visit to farming systems models at farm and off farm and documentation of different components and enterprises of farming system models with area, inputs and outputs and growth analysis using growth analysis techniques.
- 9) Getting acquainted with different cultivation and management practices of different components and enterprises of farming systems.
- 10) Visit to vermi-composting and FYM management units, bio gas and mushroom Production unit and understand the process of production and management.
- 11) Visit to the microbiology division to understand the importance and uses of biofertilizers and estimation techniques of soil microflora.
- 12) Calculations of different inputs like fertilizers, pesticides, water requirement and other related inputs.
- 13) Weed management practices, tools and efficacy of different approaches
- 14) Study of agronomic practices for a given cropping system, agri-horti systems, intercropping and crop rotation with the use of available resources

Course No. PGDFS 303 credit hour (3+2)

Course title: Development of different farming systems models for different agro-climatic conditions.

Objective: To provide knowledge of development of different farming system models for different agro-climatic conditions of the country.

Theory: Study and refinement of existing farming system models, merit and demerits of existing farming system models, Selection of suitable crops for improved farming system models, Efficient cropping systems and their evaluation, assessment of energy, water and nutrient requirements for different enterprises, Recycling of farm produce, mitigation of climate change impact, analysis of soil fertility build-up and resource use efficiency, conservation of natural resources and improvement in environmental quality, Development of suitable farming system models for different production systems and ecology,

Practical

- 10) Understanding the basic fundamentals of developing different farming systems models
- 11) Assessment of allocation of the area for different enterprises of farming systems
- 12) Determination of cropping intensity and other indices
- 13) Assessment of crop residue and nutrient addition
- 14) Analysis of organic carbon and available nutrients in soil and uptake of nutrients
- 15) Analysis of energy and water budgeting
- 16) Soil moisture, soil temperature and microbial population assessment of the soil

Course No. PGDFS 304 credit hour (3+2)

Course title: Diversification through different horticultural crops including fruit trees, vegetables and flower cultivation.

Objective: To impart the knowledge about diversification through fruit, vegetable and flower crops

Theory- Importance of crop diversification and intensification, feasibility of diversification for resource conservation, higher production, and income, and employment generation,

Advocacy diversified cropping systems and food, nutritional and economic security, Adoptability and suitability of different enterprises, improved cultivation practices of different arable crops, vegetable crops, horticultural crops and flower crops.

Practical

1. Methods of adjusting diversified fruit, vegetable and flower crops in different cropping systems with arable crops.
2. Weed management practices, tools and efficacy of different approaches for managing weeds of arable crops, fruit crops, vegetables and flower crops.
3. Calculation of various indices like cropping intensity, yield equivalent, land equivalent ratio, harvest index,
4. Assessment of nutritional quality of fruits, vegetables and other crop produces
5. Study the effect of main crops on component crops on water, nutrient, soil fertility, carbon sequestration.
6. Suitability of different enterprises for efficient farming system models.
7. Assessment of the efficient farming system models on production, income and employment generation.

Course No. PGDFS 305 credit hour (3+2)

Course title: Production technologies of dairy, fishery, poultry, duckery, bee keeping, mushroom cultivation, vermi-composting and biogas

Objective: To provide the knowledge about the improved production technologies of dairy, fishery, poultry, duckery, bee keeping, mushroom cultivation, vermi-composting and biogas.

Theory: Importance of allied enterprises in farming systems, improved production technologies of dairy, fishery, poultry, duckery, bee keeping, vermi-composting and biogas and mushroom cultivation, Assessment of crop nutrient requirements, Organic/integrated Nutrient management in Farming system, Effect of organic nutrient management on the water and nutrient use efficiency, soil fertility and crop production, Integration of suitable enterprises for recycling of resources, Economical analysis of different enterprises.

Practical

9. Familiarization with important breed/species of cattle, poultry, duck, fish and honey bees
10. Mass rearing techniques of cattle, poultry, duck, fish and honey bees
11. Preparation of concentrate/feed for cattle, poultry, duck, fish and honey bees
12. Knowledge of insect/disease management in cattle, poultry, duck and fish
13. Estimation of daily water/concentrate/feed requirement of cattle, poultry, duck and fish.
14. Demonstration/familiarization with different techniques of milking, egg collection and fish harvesting.
15. Demonstration on preparation of vermin-composting, enriched FYM, and efficient use of biogas plant slurry.
16. Demonstration on preparation of compost, pasteurization of compost, spawning, casing, sowing of spawn, and growing techniques of spawn, harvesting, washing, packing of mushroom.
17. Demonstration on efficient management techniques of milk, egg, biogas plant, honey bee's box, honey, vermin-compost and harvested fish.

Course No. PGDFS 306 credit hour (3+2)

Course title: Post-harvest technologies and Marketing

Objective: To impart the knowledge of post-harvest technologies and marketing process

Theory: Role of post-harvest technologies in vegetable, fruit production and mushroom cultivation, Causes of post-harvest losses, Stage of harvesting and different methods for safe harvesting and grading, Different packing methods of fruits, vegetables and mushroom,

principals and methods of safe storage, transportation and marketing standards, fundamental of value addition, management and value addition of different flower items like cut flowers, garlands, bouquet, flower basket etc. preservation and methods of food processing like jam, pickles, jellies, candies, dried and dehydrated fruit and vegetables, food safety standards and marketing of different products, Demand, Aggregate demand and Supply, understanding the food marketing channel, **e-Marketing and e-consumer perceptions and Behaviour**, trade of packed products, domestic trade, export of different products, handling of rejections/detections/irregularities in export consignments.

Practical

1. Different method of grading of different produces
2. Demonstration of techniques to prolonged storage life of different produces.
3. Demonstration of types of packing and different packing methods to keep produce in good condition till marketing
4. Identification and operational techniques of different equipment and machinery used in preservation of different farming system produces
5. Demonstration on drying and dehydration of various farming system produces.
6. Preparation of ketchup, sauce, Jam, Pickles, juice, jelly, candy and other products from the milk, honey and mushroom
7. Determination of physiological loss in weight and respiration rate in fruits, vegetables, mushroom.
8. Determination of chemical constituents like sugar, starch, pigments, vitamin C, carotenes, acidity during maturation and ripening in fruits/vegetables.
9. Study of construction and working of zero energy cool chamber. Study of storage behaviour of different fruits and vegetables in zero energy cool chamber.
10. Demonstration of types of packing and different packing methods to keep produce in good condition till marketing.

Teaching methods/activities: Classroom teaching with AV aids, group discussion, assignment and class discussion

Learning outcome: Knowledge about the different aspects of farming systems including concept and fundamentals, different components and enterprises, different farming system models, production practices of different enterprises, post-harvest technologies and marketing and economics during the period.

Suggested Readings:

1. Ananthakrishnan TN. (Ed.) 1992. Emerging Trends in Biological Control of Phytophagous Insects. Oxford & IBH.
2. Balasubramanian P & Palaniappan SP 2006. Principles and Practices of Agronomy. Agrobios.
3. Joshi M & Parbhakarasetty TK. 2005. Sustainability through Organic Farming. Kalyani.
4. Lampin N. 1990. Organic Farming. Farming Press Books.
5. Palaniappan SP & Anandurai K. 1999. Organic Farming - Theory and Practice. Scientific Publ.
6. Panda SC. 2004. Cropping systems and Farming Systems. Agribios.
7. Reddy MV. (Ed.). 1995. Soil Organisms and Litter Decomposition in the Tropics. Oxford & IBH.
8. Sharma AK. 2001. A Hand Book of Organic Farming. Agrobios.
9. Singh SP. (Ed) 1994. Technology for Production of Natural Enemies. PDBC, Bangalore.
10. Trivedi RN. 1993. A Text Book of Environmental Sciences. Anmol Publ.

11. Veeresh GK, Shivashankar K & Suiglachar MA. 1997. Organic Farming and Sustainable Agriculture. Association for Promotion of Organic Farming, Bangalore.
12. Venkata Rao BV. 1995. Small Farmer Focused Integrated Rural Development: Socio-economic Environment and Legal Perspective. Publ. 3. Parisaraprajna Parishtana, Bangalore.

VI. Post Graduate Diploma in Data Science and Analytics

Location: IARI main campus/Other centers.

Name of the lead division: ICAR-IASRI

Collaboration: There may be guest teachers arranged from private sector.

Background: Under National Education Policy – 2020 (NEP 2020), it is intended to provide opportunity to large number of students to undertake higher education of various types namely a certificate course, a diploma, a degree or a post graduate or a Ph.D. It has been proposed in NEP 2020 to revamp the academic program structure with an innovative system of multiple entry and exits with options to award certificate, diploma, UG degree general, or degree research, and one or two years of Master’s degree. The residential requirements of UG, and PG programmes will be relaxed so that the students wishing to exit/enter may be able to do so irrespective of any time limit. Most importantly, NEP-2020 has indicated that “THE DESIGN OF AGRICULTURAL EDUCATION WILL HAVE TO BE STRENGTHENED TOWARDS DEVELOPING PROFESSIONALS” with the ability to understand and use local knowledge, traditional knowledge and emerging technologies, while being cognizant of critical issues of declining profitability and/or productivity but enhanced economic aspirations of farmers, climate change, food sufficiency etc.

Data Science is a buzzword in the tech industry and everyone seems to be talking about it. Data science is an integrated combination of knowledge of various tools, software, packages, algorithms, and statistics that can be leveraged to unearth various patterns, trends and insights which could be of great use for businesses. Data Science is revolutionizing the way businesses use their data to find actionable insights that could help a great deal in making their operations efficient and more profitable.

The field is relevant because of the exponential growth of data in recent years. As a society, we are producing large volumes of data each day. This data is the new fuel that drives businesses and industries today. Businesses and industries need professionals who are well equipped with the knowledge of handling, managing, analyzing and understanding trends in data, thus making it one of the most lucrative jobs in today’s time.

In view of the above, formulation of PG Diploma, and Certificate Course in Data Science and Analytics was prepared. These courses are based on emerging technologies in the field of Statistics, Data Analytics and Data Science and are in huge demand as one of the essential skill for data scientists working in various private and public enterprises. These courses will enable candidates to be industry-ready.

Course No.	Name of the course	Credits	Offered by
Semester -I			
PGDSA 1	Basic Concepts and Exploratory Data Analysis	1L + 1P	ICAR-IASRI
PGDSA 2	Software	1L + 1P	ICAR-IASRI
PGDSA 3	Database Handling and	1L + 1P	ICAR-IASRI

	Management		
PGDSA 4	Estimation and Hypothesis Testing	2L + 1P	ICAR-IASRI
PGDSA 5	Optimization Techniques	2L + 1P	ICAR-IASRI
Semester -II			
PGDSA 6	Statistical Predictive Modelling	2L + 1P	ICAR-IASRI
PGDSA 7	Forecasting, Segmentation and Multivariate analysis	2L + 2P	ICAR-IASRI
PGDSA 8	Machine Learning, Neural Network and Deep Learning	2L + 2P	ICAR-IASRI
PGDSA 9	Case Studies	1P	ICAR-IASRI

Syllabus

PGDSA 1 Basic Concepts and Exploratory Data Analysis

Introduction to matrix algebra

- Basic Concepts of Calculus
- Concepts of statistical theory and machine learning analytics
- Introduction to random experiments and random variable
- Descriptive Statistics and Exploratory Data Analysis
- Graphs & Charts for data visualization
- Sampling theory and Methods
- Probability and Distributions

PGDSA 2 Software

- R, RStudio and Python
- Data Management in R and Python
- Statistical computations in R and Python
- Data presentation and visualization techniques

PGDSA 3 Database Handling and Management

- Database and Big Data
- MySQL
- SQL and NoSQL queries
- Handling queries in R/Python

PGDSA 4 Estimation and Hypothesis

- Formulating hypotheses in real-life scenarios
- Estimation and hypothesis Testing
- Estimation of parameters in different circumstances and their usages in analytics
- Test for means, variances, proportions, odds ratios, and relative risks
- Correlation and Regression, Scatter plot, Mean Plot, and Scatter plot smoothing

PGDSA 5 Optimization Techniques

- Gradient and search-based optimization
- Linear, quadratic, nonlinear, and mixed integer programming

- Multi-objective and multi-criteria decision-making

PGDSA 6 Statistical Predictive Modelling

Multiple linear regressions, Stepwise and Best Subset Regression, Model selection criteria (AIC, BIC, etc.), Regularized Linear Modeling and Controlled Variable Selection

- Ridge, Poisson Regression and Logistic regression
- Concepts of cross-validation – usage of validation set, k-fold cross-validation, LOOCV, and bootstrapping
- Classification and Assessment of classification models using performance metrics such as precision, recall, f-measure, ROC, AUC etc.
- Classification and Regression Tree including concepts of bagging and boosting, random forests, fitting, and validating tree-based models

PGDSA 7 Forecasting, Segmentation and Multivariate analysis

Forecasting Models, exponential smoothing (Holt and winters model) and ARIMA

- Dimensionality Reduction, PCA and Factor Analysis
- Cluster analysis, hierarchical and non-hierarchical clustering techniques
- Linear and Quadratic Discriminant Analysis
- Support Vector Machines

PGDSA 8 Machine Learning, Neural Network and Deep Learning

Bayesian Methodology – Naïve Bayes classifier; Monte Carlo Markov Chain (MCMC), Bayesian regression trees

- Probabilistic Learning: Classification Using Naive Bayes
- Artificial Neural Networks, Deep Learning and Reinforcement Learning
- Lazy Learning: Classification Using Nearest Neighbors
- Association rule mining (Market Basket) analyses
- Image Analysis

Case Studies

VII. Post Graduate Diploma in Abiotic Stress Management in Field and Horticultural Crops

Location: ICAR-NIASM, Baramati.

Name of the lead division: School of Water Stress Management (SWSM)

Collaboration

- School of Soil Stress Management
- School of Social Science and Policy Support
- School of Atmospheric Stress Management
- KVK, ADT, Baramati
- Agrotoursim, Maharashtra
- Pani Foundation
- Sugarcane Factory
- Grape Growers Association
- Pomegranate Association

Vasant Dada Sugarcane Institute

Background :The manifestation of abiotic stress in terms of yield loss in field and horticultural crops will accelerate with occurrence of extreme events predicted due to climate change. Hence, a great deal of efforts has been diverted now to translate basic information into practical solutions for management of abiotic stresses. With limited

awareness about abiotic stresses at present, the management of abiotic stresses such as drought, salinity and high temperature in crop plants is not as much systematic and scientific as expected to make the agriculture climate smart. Hence, a systematic training in this aspect is essential. At present this aspect is not covered exclusively but as a part of the existing course curriculum. Taking into the gravity of problem and need for knowledge and skills, the present diploma course is being proposed for management of abiotic stresses in field and horticultural crops.

Course structure

Course No.	Name of the course	Credits	Offered by
Semester -I			
SWSM 101	Introduction to Abiotic stress in agriculture	1+0	SWSM
SWSM 102	Water stress management in field and horticultural crops	2+1	SWSM
SWSM 103	Temperature stress management in field and horticultural crops	2+1	SWSM
Semester -II			
SWSM 104	Phenomics and precision agriculture for crops responses to inputs	1+2	SWSM
SWSM 105	Post-Harvest opportunities to reduce water and temperature stress impact	1+1	SWSM
SWSM 106	Data Analysis Documentation and Effective Presentation	0+1	SWSM
SWSM 107	Assignment	0+1	SWSM
SWSM 110	Industrial Training	0+1	SWSM

6. Evaluation pattern and marks

Table 4 Evaluation pattern and marks

S.NO.	Type of exam	
1.	Mid-term theory	20% to 50%
2.	Final theory	20%-50%
3.	Final Practical	10%-30%

4.	Assignment	5-50%
5.	Quiz	5-30%

Minimum attendance (%) for appearing in exam: 85%



IARI
New Delhi

MEMORANDUM OF AGREEMENT

Between

State Agricultural University

("SAU")

And

ICAR- Indian Agricultural Research Institute (herein after, IARI)

Pusa Campus, New Delhi – 110 012

("ICAR-IARI, New Delhi")

for facilitating Students' Training/Postgraduate Research

This Memorandum of Understanding (MoU) is made on thisday of the month of-----in the year -----by and between the **State Agricultural University** having its headquarters at ..., [herein after called as "SAU"/First party] and the **ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi** herein after called "IARI"/Second party, a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110001.

The parties, having discussed fields of common research interests and allied activities between the two institutions have decided to enter into long term collaboration for promotion of agricultural students' training and quality postgraduate research in cutting edge areas.

WHEREAS, it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

This as an opportunity for the students to benefit from the knowledge and skills of qualified teachers and researchers, whose academic studies are relevant to its fields of work and practical experience required to excel in research and development. The SAU and IARI agree to:

Article 1: Scope

1.1 The First party will recognize the Second party as an Institute for conducting part of research related to the thesis requirement of the research students for **Ph.D.** The First party will recognize Scientists of the IARI as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.

("SAU")

And
ICAR- Indian Agricultural Research Institute (herein after, IARI)
Pusa Campus, New Delhi – 110 012
(“ICAR-IARI, New Delhi”)
for facilitating
Students’ Training/Postgraduate Research

This Memorandum of Understanding (MoU) is made on thisday of the month of-----in the year -----by and between the **State Agricultural University** having its headquarters at ..., [herein after called as “SAU”/First party] and the **ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi** herein after called “IARI”/Second party, a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110001.

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Article 1: Scope

- 1.1** The First party will recognize the Second party as an Institute for conducting part of research related to the thesis requirement of the research students for **Ph.D.** The First party will recognize Scientists of the IARI as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.2** Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain of the IARI.
- 1.3** Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of operational /services specific consumables will be borne by the user.
- 1.4** There shall be an exchange of students for academic, research and training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both the parties.

Article 2: Management

- 2.1** Joint Working group will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.

- 2.2 Second party shall decide the location and sharing quantum of research work with the consultation of PME Cell of the second party.
- 2.3 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to facilitate thesis research at the both party.
- 2.4 The student's Advisory Committee along with collaborating scientist/ bench space provider will monitor the progress.

Article 3: Exchange of Information

- 3.1 The term "information" relates to exchange of ideas, scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under the approved research programme of student/trainee from the either of the party.
- 3.2 Each party in student research programme shall be given the equal rights to use, disclose, publish or disseminate such information in mutually agreed terms.

Article 4: General Provisions

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published.
- 4.5 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.6 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.7 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

Article 5: Intellectual Property Rights

- 5.1 The First party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. The SAU, ...as the first applicant and the Second party shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.

Article 6: Entry into effect, modification and termination

- 6.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years and extendable up to five years. Both parties shall review the

status of the MoU at the end of three years to determine any modification, if necessary. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.

6.2 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party.

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

Signed: _____

Signed: _____

For and on behalf of the ICAR-Indian
Agricultural Research Institute, New Delhi

Name:

Title: Director

Address: ICAR-Indian Agricultural Research
Institute New Delhi 110 012

E-mail:

Telephone:

Date: _____

Witness

Name:

Title :

Address: ICAR-Indian Agricultural Research
Institute New Delhi 110 012

E-mail:

Telephone:

MoU OF IRRI WITH INDIAN AGRICULTURAL RESEARCH INSTITUTE (IARI), NEW DELHI
WITHIN THE PURVIEW OF EXISTING MEMORANDUM OF AGREEMENT BETWEEN INDIAN COUNCIL OF AGRICULTURAL SCIENCES (ICAR) AND INTERNATIONAL RICE RESEARCH INSTITUTE (IRRI) OF 1974

The IARI originally established in 1905 at Pusa (Bihar), was relocated to New Delhi in 1936, is an autonomous academic institution of repute engaged in imparting education, at PG level and conducts research in different branches of Agricultural Sciences. It was accorded a “Deemed-to-be University status in 1958 by UGC. The PG students are required to undertake need based and applied / basic research for their thesis work, which should be useful to solve the regional and/or national problems related with various disciplines of Agricultural Sciences. IARI is the seat of green revolution. The basmati varieties bred by IARI account for 98% area under basmati crop of the country. Similarly, more than 60 % area under wheat and more than 50 per cent area under mustard is covered by IARI bred varieties. The IARI bred basmati variety accounts for export earning to the tune of Rs 3500 crores.

As is known, way back in 1974 Director Generals M.S. Swaminathan and N.C. Brady of ICAR and IRRI, respectively, signed the Memorandum of Understanding (MOU). Under this overall MOA ICAR and IRRI have developed and have been implementing India's extensive partnership with IRRI, involving about 250 institutions all over the country and the collaboration between India and IRRI is being further expanded and strengthened from time to time.

In the process, IRRI has been working with a range of NARES institutions in India under the MoA including with:

- ICAR institutes (that includes IARI, NRRI, IIRR, CSSRI, ICAR-RCER, NIASM, and CIWA etc.)
- State Agricultural Universities
- Department of Agriculture, Cooperation and Farmers Welfare
- State Departments of Agriculture
- Department of Biotechnology
- NGO and Private Sector

The above IRRI collaboration in particular with ICAR-IARI over the period, has contributed immensely to improving rice production and productivity in India. Having delivered this, both the institutions now aim at accelerating research in frontier areas to develop resource use efficient integrated crop management technologies for sustainable agricultural production systems; serve as the center for academic excellence in the areas of post-graduate, doctorate, and human resources development in agricultural science; and provide national leadership in agricultural research, education, extension and technology assessment and transfer by developing new concepts and approaches and serving as a national reference point for quality and standards.

IRRI is now duly recognized as such by international agreement and also by the Government of India through a Memorandum of Agreement between IRRI and the Department of Agriculture & Farmers Welfare (then DAC&FW), Ministry of Agriculture, Cooperation & Farmers Welfare (MOA&FW), dated August 2, 2017 and through

Gazette notification F. No. D-II/451/16(7)/2017 dated October 4, 2017 in the Gazette of India to establish the IRRI South Asia Regional Centre (ISARC), Varanasi and other offices and activities in India. This is in addition to the above-mentioned existing agreement (MoA) between IRRI and the Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR).

1. It is therefore imperative that recognizing their distinct and respective strengths and interests, seek to continue to collaborate in the following more expansive areas through the instrumentality of this intended Memorandum of Understanding(MoU):

- Promote academic collaboration for agricultural research and education.
- Jointly explore the prospects of mutually rewarding educational collaboration in the field of agriculture education, training and research.
- Jointly evolve collaborative research projects and funding in the areas of common interest.
- Exchange of relevant academic and scientific information, literature and methodology.
- Exchange of scientists and students for training and research.
- Facilitate access to research laboratories and field facilities for joint research programs.
- Use of scientific equipment as available and required in programs of shared interests as may be mutually agreed upon.
- Development and implementation of joint research and/or development projects subject to IPR arrangements under the ICAR MoA of 1974.
- Capacity development of different stakeholders.

Joint Working Group

2. A Joint Working Group will be set up with representatives from both Parties to meet once in two years, alternately in New Delhi and Varanasi, for implementation of the execution of this MoU and suggest necessary measures for its development to name a few among others include:

- IRRI-IARI will seek to establish mechanisms that can be rapidly implemented to address these complex issues.
- IRRI-IARI will designate appropriate persons to manage and coordinate activities under this instrument.
- IRRI-IARI will enter into Agreements detailing the terms and conditions governing the above-mentioned areas of collaboration and dealing with the Intellectual Property Rights of the Parties.
- This Letter of Intent shall come into force from the date of its signature and remain in force throughout the period of ICAR-IRRI signed MoA of 1974 is in operation.
- With this Letter of Intent, IRRI-IARI recognizes that collaboration between them can contribute significantly towards increasing global food security, improving nutritional outcomes for rice consumers and more sustainable agriculture in India, South Asia and Sub-Saharan Africa as we.
- For implementation, the ICAR-IARI and IRRI may name one or more members of their staff, as needed, to work out the practical details of cooperation between the

two organizations and in general, to ensure proper and effective implementation of this MoU.

Financial Arrangements

3. In the case of the exchange of scientists and students for study visits on the basis of reciprocity, the sending Party will meet the to- and fro- travel costs, whereas the receiving side will meet the costs of boarding, lodging and internal transport. Both the Parties shall mutually decide the financials for such exchange visits of scientists and students.

In case such exchanges of scientists are part of an R&D project, the entire cost may be met by the project subject to the availability of funds and as mutually decided upon by both the Parties.

For Training and consultancy of Scientists, financial arrangements will be decided by mutual consent of both the Parties.

Publication & Intellectual Property Rights

5. Issues related to this aspect are being implemented as per various agreements under the ICAR-IRRI MoA of 1974 and successive Work Plans from time to time will be followed.

Now, therefore, the ICAR-IARI and IRRI are inspired by their common objectives to promote and accelerate the progress of international academic and research linkages, mutual support access to research, education and training in various disciplines of agricultural research as enumerated above, have decided to enter into this MoU with the intention to strengthen the collaboration forward.

IN CONFIRMATION OF ABOVE, the two Parties hereto have signed this MoU on the dates indicated below:

**FOR AND ON BEHALF OF
ICAR-INDIAN AGRICULTURAL
RESEARCH INSTITUTE**

**FOR AND ON BEHALF OF
INTERNATIONAL RICE RESEARCH
INSTITUTE**

Dr. A.K. Singh
Designation: Director & Vice Chancellor

Date:

Date:

Place:

Place:

Appendix-V

Recommendation of the Committee for Revision in guidelines of (i) Best Women Scientist Award, (ii) NABARD Researcher of the Year Award, (iii) Dr. H.K. Jain Memorial Young Scientist Award, (iv) Dr. A.B. Joshi Memorial Award and (v) Guidelines for the institution of Divisional level Gold Medal Awards to Masters /PhD students

Committee:

1. Dr. Rashmi Aggarwal, Dean and JD (Edn.): Chairperson
Members:
2. Dr. C. Viswanathan, JD (Res.)
3. Dr. Sanjay Kumar Singh, Head, Fruits and Horticulture Technology
4. Dr. Prameela Krishnan, Head and Professor, Agricultural Physics
5. Dr. Pramod Kumar, PS and Incharge, PME
6. Dr. Anil Dahuja, Professor, Biochemistry
7. Dr. K.M. Manjaiah, Associate Dean (Member-Secretary)

The Committee met on 16.06.2022 at 11.00 AM in the Board Room of Directorate and recommended the followings:

Allocation of marks (Best Women Scientist Award)

Sl. No.	Existing Criteria/Revised Criteria	Marks
1	Research achievements: (i) Products/ variety/Technology (ii) New Concept / Methodology/ Process/ Model developed/ Novel Omics data (iii) Patents granted (iv) Copyright/software/database/app	25
2	Student Guidance and Teaching achievements	15
3	Publications	25
5	External funded projects handled as PI	10
6	Leadership role in institution building	15
7	Awards/Recognitions	10
	Total Marks	100

Research achievements (Maximum 25 Marks):

- (i) Developer of a commercialized product or technology/Gazette Notified plant variety (CVRC/SVRC) (5 marks each); Genetic stock registered (1 Mark each); new record of pathogen/pest/microbe/bio-agent along with accession No. (2 Marks each).
- (ii) New Concept / Methodology/ Process/ Model developed/Novel omics data. All claims in this category should be supported by research publications in peer reviewed journals

with citations ≥ 10 (excluding self-citations) (3 Marks each)

(iii) Copyright/software/database/app developed (3 marks each)

(iv) Patents granted with details of Patent No. (5 marks for each patent).

Developer shall be awarded 100% marks; Co-developer shall be awarded 75% marks.

Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 15 Marks):

(i) Courses taught and number of classes taken in each course (Maximum 5 marks): *Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.*

(ii) M.Sc. /M.Tech/ Ph.D. Students (Full time) Guided as Chairperson (Maximum 4 marks): *Give thesis titles. 1 mark for each M.Sc./M.Tech. and 2.0 marks for each Ph.D. student guided as Chairperson.*

(iii) Development of e-course/training module (one mark each; Maximum 2 marks)

(iv) Success of students guided in academics (in terms of their recognition for Awards) (Maximum 2 marks): *Institute level Medals, ICAR/ Institutional Awards (1 mark each).*

(v) Organization of Training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (2.0 marks each) (Max Marks 2).

Publications (Maximum 25 marks)

(i) For 30 most important publications in the relevant discipline of the applicant: Cumulative NAAS Score x 0.033 (Maximum 20 Marks).

(ii) First / Corresponding author will get full marks in a publication and rest of the authors will be awarded 75% marks.

(iii) Other publications (Maximum 5 marks): Authored Book with ISBN No. (min. 200 pages): 2 marks each; Edited book with ISBN No. (min. 200 pages): 1 mark each; Policy paper: 1 mark each; 0.5 mark each for Scientific Review paper/Book chapter/technical bulletin; Popular article/Policy Brief: 0.25 mark each.

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

(i) Projects costing <10 Lakhs: 1 Marks each

(ii) Projects costing 10-30 Lakhs: 2 Marks each

(iii) Projects costing >30 Lakhs: 3 Marks each

(iv) Projects costing >100 Lakhs: 5 Marks each

Full Marks to PI and 50% marks to Co-PI

Leadership role in institution building (Maximum 15 marks)

(i) Chairperson/member of International/National Level Committees (Chairperson: 2 marks each; member: 1 mark each)

(ii) Member BoM/IMC, RAC, QRT, or equivalent (One mark each)

(iii) Administrative positions (Head of the institution/university: 3 marks for each completed year; Dean/Joint Director/Director (Research): 2 marks for each completed year; Head of the Division: One mark for each completed year) (Max marks: 5)

(iv) Institute level Committees (Chairperson: 1.50 marks each) (Max marks: 3)

(v) Creation of New infrastructure/Lab/facility (above 10 Lakhs) (2 marks each)

(vi) Symposia/Seminar/Workshop/Conference as Organizing Secretary/ Convenor (National: 1 mark each; International: 2 marks each) (Max marks: 5)

Awards/Recognitions (Maximum 10 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates of the Team Award) (2.5 marks each).
- (ii) Fellowship of the National Science Academies (5 marks each).
- (iii) Associateship/ Young Scientist awards of National Science Academies (2 marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)
- (v)

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 60% marks.

Guidelines governing “NABARD Scientist of the Year Award”

Objective of the Award

To motivate the young Agricultural Scientists by recognizing their outstanding contributions in the field of Rural Credit/Development, FPOs, Agribusiness and related issues in India.

This will help in pro-poor and pro-farmer policy formulation and move towards achieving the goal of ‘inclusive and sustainable development through credit.’

Allocation of marks (NABARD Scientist of the Year Award)

Sl. No.	Criteria Existing/Revised	Maximum Marks
1	Research achievements: (i) New Concept / Methodology/ Process/ Model developed (ii) Copyright/software/database/app (iii) Development of Climate smart villages/nutria villages/rural infrastructure/seed village	20
3	Teaching achievements	20
4	Research Publications	35
5	Other publications	10
6	Awards/Recognition	05
7	External funded projects handled as PI	10
	Total Marks	100

Research achievements (Maximum 20 Marks):

- (i) New Concept / Methodology/ Process/ Model developed. (2 Marks each)
- (ii) Copyright/software/database/app (4 marks each)
- (iii) Development of Climate smart villages/nutria villages/rural infrastructure/seed village (2 marks each).

Developer shall be awarded 100% marks; Co-developer shall be awarded 75% marks.
Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 20 Marks):

- (i) Courses taught and number of classes taken in each course (Maximum 5 marks): *Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.*
- (ii) M.Sc. /M.Tech/ Ph.D. Students (Full time) Guided as Chairperson (Maximum 6 marks): *Give thesis titles. 2 marks for each M.Sc./M.Tech. and 4.0 marks for each Ph.D. student guided as Chairperson.*
- (iii) Development of e-course/training module (one mark each; Maximum 3 marks)
- (iv) Success of students in academics (in terms of their recognition for Awards) (Maximum 3 marks): *Institute level Medals, ICAR/ Institutional Awards, etc. (1 mark each).*
- (v) Organization of training /Summer or Winter school/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (3 marks each).

Research Publications (Maximum 35 marks)

- (i) For 20 most important research publications in the relevant discipline of the applicant: Cumulative NAAS Score x 0.35
- (ii) First / corresponding author will get full marks in a publication and rest of the authors will be awarded 75% marks.

Other Publications (Maximum 10 marks)

- (i) Authored book with ISBN No. (min. 200 pages): 2 marks each; Edited Book with ISBN No. (min. 200 pages): 1 mark each; Policy Paper: 1 mark each; 0.5 mark each for scientific Review paper/Book chapter/Technical Bulletin; 0.25 Mark each for Policy Brief/Popular Article.

Awards/Recognitions (Maximum 05 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates in the Team Award) (2.5 marks each).
- (ii) Fellowship of National Science Academies (5 marks each).
- (iii) Associateship/Young Scientist awards of the National Science Academies (2 Marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

- (i) Projects costing <10 Lakhs: 2 marks each
- (ii) Projects costing 10-30 Lakhs: 3 marks each
- (iii) Projects costing >30 Lakhs: 5 marks each

Full Marks to PI and 50% marks to Co-PI

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 60% marks.

Allocation of marks (Dr. H.K. Jain Memorial Young Scientist Award)

EXISTING/Revised		
Sl. No	Criteria	Maximum Marks
1	Research Achievements: (i) Products/ Variety/ Technology (ii) New Concept / Methodology/ Process/ Model developed/Novel Omics data generated (iii) Patents granted (iv) Copyright/Software/Database/ App developed	20
3	Teaching Achievements	20
4	Research Publications	35
5	Other Publications	10
6	Awards/Recognitions	5
7	External funded Projects handled as PI	10
Total Marks		100

Research achievements (Maximum 20 Marks):

- (i) Developer of a commercialized product or technology/Gazette Notified plant variety (CVRC/SVRC) (5 marks each); Genetic stock registered (1 Mark each); new record of pathogen/pest/microbe/bio-agent along with accession No. (2 Marks each).
 - (ii) New Concept / Methodology/ Process/ Model developed/Novel omics data. All claims in this category should be supported by research publications in peer reviewed journals with citations ≥ 10 (excluding self-citations) (3 marks each)
 - (iii) Copyright/Software/Database//App developed (3 marks each)
 - (iv) Patents granted with details of Patent No. (5 marks each).
- Developer shall be awarded 100% marks; Co-developer shall be awarded 75% marks.
Documentary evidence should be enclosed for all claims.

Teaching achievements (Maximum 20 marks):

- (i) Courses taught and number of classes taken in each course (Maximum 5 marks): Full marks, if taken at least 30 classes in a year, for a minimum of 5 years.
- (ii) M.Sc. /M.Tech./ Ph.D. Students (Full time) Guided as Chairperson (Maximum 6 marks): Give thesis titles. 2 marks for each M.Sc./M.Tech. and 4.0 marks for each Ph.D. student guided as Chairperson.
- (iii) Development of e-course/training module (one mark each; Maximum 3 marks)
- (iv) Success of students in Academics (in terms of their recognition for Awards) (Maximum 3 marks): Institute level medals, ICAR/ Institutional Awards, etc. (1 mark each).
- (v) Organization of Training /Summer or Winter School/ CAFT for a duration of minimum 10 days as Course Coordinator/Course Director (3 marks each).

Research Publications (Maximum 35 marks)

- (i) For 20 most important publications in the relevant discipline of the applicant:

Cumulative **NAAS Score x 0.175**

- (ii) First / corresponding author will get full marks in a publication and rest of the authors will be given 75% marks.

Other publications (Maximum 10 marks)

- (i) Authored book(s) with ISBN No. (min. 200 pages): 2 marks each; Edited book with ISBN No. (min. 200 pages): 1 mark each; Policy Paper: 1 mark each; 0.5 mark each for scientific Review/Book chapter/Technical Bulletin: 0.5 mark each; Popular Article/Policy Brief: 0.25 mark each

Awards/Recognitions (Maximum 5 marks)

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (full marks to Individual; 50% marks to the Associates of the Team Award) (2.5 marks each).
- (ii) Fellowship of the National Science Academies (5 marks each).
- (iii) Associateship/Young Scientist awards of the National Science Academies (2 Marks each)
- (iv) Post-Doctoral fellowship for a period of minimum 6 months (2 marks each)

Externally funded projects including consultancy/contract research handled as PI (Maximum 10 marks)

- (i) Projects costing <10 Lakhs: 1 marks each
- (ii) Projects costing 10-30 Lakhs: 2 marks each
- (iii) Projects costing >30 Lakhs: 3 marks each

Full Marks to PI and 50% marks to Co-PI

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants who secured a minimum of 60% marks.

Guidelines governing “Dr. A.B. Joshi Memorial Award” for outstanding research contribution in the field of Agricultural Research and Education

1. Name of the Award

The name of the award shall be “Dr. A.B. Joshi Memorial Award”, which is instituted in the field of Agricultural Research and Education to commemorate the memory of late Dr. A.B. Joshi, the first Indian Dean of IARI, Director and DDG (Crop Sciences), ICAR, New Delhi.

2. Nature of the Award

The Award will carry a sum of Rs.1,00,000 (Rupees one lakh only) in cash, a Medal and a Citation.

3. Source of Funds

Rs. 20,00,000/- Revenue receipt Head of IARI for the year 2011-12 (code No.501/114199)

4. Objective of the Award

The award shall be made for either fundamental or applied research including invention, discoveries, development of technologies, and leading to results of practical value and social impact in India and outstanding contributions to Agricultural Education.

5. Periodicity of the Award

The periodicity of the award shall be biennium, commencing from the year 2011-2012.

6. Eligibility for the Award

The award shall be given to Indian Nationals for their outstanding contributions in the field of Agricultural Research and Education. The award shall be made for notable and original research (both fundamental and applied) leading to results of practical value and social impact in India, and significant contributions to advancement of agricultural education.

The original contributions should be evident in the form of publications, monographs, patents, varieties and technologies developed and popularized, educational achievements, leadership in promotion of agricultural education, dissemination and adoption of technologies by the stakeholders.

The nominee should be more than 55 years of age with a standing of 25 years of outstanding contributions both in the field of Agricultural Research and Education. The period of assessment shall be life time up to the year of application/nomination.

7. Search cum Selection Committee

There will be a Search cum Selection Committee consisting of at least 5 (five) members. The Chairperson of the Academic Council will nominate the Chairperson of the Committee and its members. Dean and Joint Director (Edn.), IARI will be the Member-Secretary of the Committee. The quorum of the Search cum Selection Committee for finalizing the recommendation shall be at least 4 members including Chairperson & Member- Secretary.

8. Criteria for Nomination/Selection

Essential/desirable criteria

- (i) PG Teaching Experience (essential 25 years)
- (ii) Students' guidance (essential 10 PhD students)
- (iii) RMP position (desirable 10 years)

Evaluation criteria

- (i) Significant contributions in advancement and promotion of agricultural education
- (ii) Overall contributions in the field of Agricultural Research (both fundamental and applied) leading to results of practical value and social impact in India
- (iii) National and International Recognitions