

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

No. PGS-I/1-411/AC/2019

December 13, 2019

ENDORSEMENT

A copy of the proceedings of the 411th meeting of the Academic Council held on 14th November, 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/PA to Registrar/PS to Comptroller
7. Technical Assistant, P G School (IT Cell/Stats. Cell)
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I



(Ratnesh Kumar)
Registrar

**PROCEEDINGS OF THE 411th MEETING OF THE ACADEMIC COUNCIL
HELD ON NOVEMBER 14, 2019 AT 10.30 AM IN THE CONFERENCE
HALL OF PROF. M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI -
110012**

The following members were present:

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| 1. Dr. A.K. Singh, Director (Additional charge), IARI | Chairman |
| 2. Dr. (Mrs.) Rashmi Aggarwal, Dean & J.D. (Edn.) (Additional charge), IARI | Vice-Chairperson |
| 3. Dr. P.K. Joshi, Director, South Asia, IFPRI | Member |
| 4. Dr. A.K. Singh, Former Vice-Chancellor, RVSKVV, Gwalior | Member |
| 5. Dr. S.N. Puri, Former VC, CAU, Imphal | Member |
| 6. Dr. J.P. Sharma, Joint Director (Extn.) | Member |
| 7. Dr. A.K. Singh, Joint Director (Res.) (Additional charge), IARI | Member |
| 8. Dr. P.S. Tiwari, Director, CIAE, Bhopal (Additional charge) | Member |
| 9. Dr. Man Singh, Project Director (Acting), WTC and Professor, WST | Member |
| 10. Dr. K.M. Manjajiah, Associate Dean, PG School | Member |
| 11. Dr.(Ms.) Neera Singh, Professor, Agricultural Chemicals | Member |
| 12. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics | Member |
| 13. Dr. D.K. Singh, Professor, Agricultural Engineering | Member |
| 14. Dr. R.N. Padaria, Professor, Agricultural Extension | Member |
| 15. Dr. V.K. Sehgal, Professor, Agricultural Physics | Member |
| 16. Dr. Seema Jaggi, Professor, Agricultural Statistics | Member |
| 17. Dr. T.K. Das, Professor, Agronomy | Member |
| 18. Dr. Anil Dahuja, Professor, Biochemistry | Member |
| 19. Dr. A.R. Rao Professor, Bioinformatics | Member |
| 20. Dr. Sudeep Marwaha, Professor, Computer Application | Member |
| 21. Dr. Subhas Chander, Professor, Entomology | Member |
| 22. Dr. Soora Naresh Kumar, Professor, Environmental Sciences | Member |
| 23. Dr. K.P. Singh, Professor, Floriculture and Landscape Architecture | Member |
| 24. Dr. O.P. Awasthi, Professor, Fruit Science | Member |
| 25. Dr. Vinod, Professor, Genetics and Plant Breeding | Member |
| 26. Dr. (Ms.) Radha Prasanna, Professor, Microbiology | Member |
| 27. Dr. M.R. Khan, Professor, Nematology | Member |
| 28. Dr. (Ms.) Veena Gupta, Professor, PGR | Member |
| 29. Dr. V.K. Baranwal, Professor, Plant Pathology | Member |
| 30. Dr. Madan Pal Singh, Professor, Plant Physiology | Member |
| 31. Dr. S.K. Jha, Professor, PHT | Member |
| 32. Dr. S.K. Jain, Professor, Seed Science & Technology | Member |
| 33. Dr. S.P. Datta, Professor, SS&AC | Member |
| 34. Dr. T.K. Behera, Professor, Vegetable Science | Member |
| 35. Dr. Anil Sirohi, MOHR, PG Hostels | Member |
| 36. Shri. V.R. Srinivasan, Comptroller, IARI | Member |
| 37. Dr. Mahesh C. Yadav, Principal Scientist, NBPGR
and Faculty Representative to the Academic Council | Member |
| 38. Mrs. Rajshree Anand, Incharge, Library Services | Member |
| 39. Mr. Jagmohan Singh, President, PGSSU | Member |
| 40. Mr. Rahul Kumar, Students' Representative to the AC | Member |
| 41. Shri. Ratnesh Kumar, Registrar & Joint Director (Admn.) | Member Secretary |

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

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|---|--------|
| 1. Dr. R.C. Agarwal, Deputy Director General (Edn.), ICAR, (Additional charge) | Member |
| 2. Dr. H.S. Gupta, Former DG, BISA & Director, IARI | Member |
| 3. Dr. Kuldeep Singh, Director, NBPGR | Member |
| 4. Dr. N.K. Singh, Director, (NIPB) (Additional charge) | Member |
| 5. Dr. Tauqueer Ahmad, Director, IASRI (Additional Charge) | Member |
| 6. Dr. M.R. Dinesh, Director, IIHR | Member |
| 7. Dr. Debasis Pattanayak, Professor, MBB | Member |
| 8. Dr. A Nagaraja, Principal Scientist, Fruit Science
and Faculty Representative to the Academic Council | Member |

Dr. Rashmi Aggarwal, 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. P.S. Tiwari, Director, CIAE, Bhopal (Additional charge)
2. Dr. Anil Dahuja, Professor, Biochemistry
3. Mr. Jagmohan Singh, newly elected President, PGSSU
4. Mr. Rahul Kumar, newly elected Students' 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. N.S. Rathore, Former Deputy Director General (Edn.), ICAR
2. Dr. Maharani Din, Former Director, CIAE, Bhopal (Additional charge)
3. Dr. L.M. Bhar, Former Director, IASRI (Additional charge)
4. Dr. (Mrs.) Aruna Tyagi, Former Professor, Biochemistry
5. Mr. B.R. Tribhuvan, Former President, PGSSU
6. Ms. Preeti Priyadarshni, Former Students' Representative to the Academic Council

The Director and Chairman, Academic Council apprised the Academic Council about the educational, research, extension and other activities/achivements of the Institute.

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

Agenda Item No.	Description of Agenda Items
411.1	Confirmation of the proceedings of the 410 th meeting of the Academic Council held on July 25, 2019
411.2	Action Taken Report on the Proceedings of 410 th meeting of the Academic Council held on July 25, 2019
411.3	Recommendations of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 02.11.2019
411.4	Recommendations of the Standing Committee on Courses Curricula and Academic Affairs made in its meeting held on 07.11.2019
411.5	Recommendations of the Standing Committee on Faculty & Discipline made in its meeting held on 08.11.2019
411.6	Finalization of the Academic Calendar for the 63 rd Academic Session 2020-2021

411.7	Finalization of "Convocation Week" programme
411.8	List of candidates who have become eligible for the award of their respective degrees of M.Sc./M.Tech. and Ph.D.
411.9	Finalization of number of seats and eligibility qualification for admission to M.Sc./M.Tech. and Ph.D. degree programmes for the Academic Session 2020-2021
411.10	Consideration of Dual degree PhD exchange programme between WSU-IARI, New Delhi
411.11	Any other item with the permission of the Chair

Agenda Item No. 411.1: Confirmation of the proceedings of the 410th meeting of the Academic Council held on 25.7.2019

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 410th meeting. Since no comment was there, the proceedings of the previous meeting was confirmed by the house.

Agenda Item No. 411.2: Report on action taken on the proceedings of the 410th meeting of the Academic Council held on 25.7.2019

Action taken report was presented by the Dean and Joint Director (Education) which was approved by the house, except on item No. 410.4.6. On the Item No.410.4.6 regarding recognition of two scientists from IIVR, Varanasi as Co- Research Guides, the Academic Council was of the opinion that the decision needs a review and decided that henceforth not to consider such proposals from any other ICAR Institutes.

Agenda Item No. 411.3: Consideration of the proceedings of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 02.11.2019

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.

- 411.3.1** 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 3rd trimester 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 3rd trimester. (*Commencement of the Academic Year 2019-20 is 29.07.2019*).
- 411.3.2** Award of Institute's Sr. Scholarship @ Rs.25,000/- per month + Rs.10,000/- per annum as contingent grant to 205 candidates (**Appendix-I**) admitted at IARI, New Delhi.
- 411.3.3** Award of Institute's Sr. Scholarship @ Rs.25,000/- per month + Rs.10,000/- per annum as contingent grant to the following 12 students admitted at CIAE, Bhopal under IARI PG Outreach Programme.

Sl. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/Sub-Discipline	DATE OF ENROLMENT
1.	Ms. BOGALAPRAVALLIKA	11391	AGRICULTURAL ENGINEERING (APS)	19/08/2019
2.	RAJENDRA HAMAD	11394	-do-	19/08/2019
3.	Ms. ASEEYA WAHID	11398	-do-	19/08/2019
4.	PARMANANDSAHU	11404	AGRICULTURAL ENGINEERING (FPE)	19/08/2019
5.	ABHISHEK PATEL	11405	-do-	19/08/2019
6.	Ms. MATTAPARTHI LAKSHMI DURGA	11407	-do-	19/08/2019
7.	NAVEEN KUMAR T	11413	-do-	19/08/2019
8.	KANTHAVEL	11420	AGRICULTURAL ENGINEERING (SWCE)	19/08/2019
9.	GOTTAM KISHORE	11422	-do-	19/08/2019
10.	VINOD KUMAR S	11423	-do-	19/08/2019
11.	Ms. SHILPA S SELVAN	11647	AGRICULTURAL ENGINEERING (APS)	03/09/2019
12.	Ms. LAKSHMI POOJITHACHALLA	11658	AGRICULTURAL ENGINEERING (SWCE)	11/09/2019

411.3.4 Award of Institute's Sr. Scholarship @ Rs.25,000/- per month + Rs.10,000/- per annum as contingent grant to the following 12 students admitted at IIHR, Bengaluru under IARI PG Outreach Programme.

S.No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/Sub-Discipline	DATE OF ENROLMENT
1.	Ms. SANGEETHAPRIYA S	11500	FLORICULTURE AND LANDSCAPE ARCHITECTURE	19/08/2019
2.	Ms. CHETNAJYOTI	11504	-do-	19/08/2019
3.	Ms. AYESHA N	11505	-do-	19/08/2019
4.	NITIN P S	11512	FRUIT SCIENCE	19/08/2019
5.	Ms. SUSHMITHA B H	11516	-do-	19/08/2019
6.	Ms. BINDU H	11591	POST HARVEST TECHNOLOGY OF HORTICULTURAL CROPS	19/08/2019
7.	HARISH T	11594	-do-	19/08/2019
8.	VITTALKAMBLE	11595	-do-	19/08/2019
9.	YATHISH V C	11623	VEGETABLE SCIENCE	19/08/2019
10.	Ms. PYDIROSHNI	11625	-do-	19/08/2019
11.	Ms. LAVANYA H N	11631	-do-	19/08/2019
12.	Ms. S PHIBAHUNJAISIEM	11634	-do-	19/08/2019

411.3.5 Award of Institute's Sr. Scholarship @ Rs. 3,000/- per month + Rs. 10,000/- per annum as contingent grant to the following 7 (6 IARI + 1 CIAE) 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/Sub-Discipline	DATE OF ENROLMENT
1.	GOPAL CARPENTER, CISH, LUCKNOW	11402	AGRICULTURAL ENGINEERING (FPE)	19/08/2019
2.	ABHISHEK MITARAMWAGHAYE, CIAE, BHOPAL	11418	AGRICULTURAL ENGINEERING (SWCE)	19/08/2019
3.	KAMLESH KUMAR, IIFSR, MODIPURAM	11452	AGRONOMY	19/08/2019
4.	AMRUT SANJAY MORADE, IISWC, DEHRADUN	11510	FRUIT SCIENCE	19/08/2019
5.	SREEKANTH H S, COLLEGE. OF HORT. BENGALURU	11518	-do-	19/08/2019
6.	DEVINDRAPPA, IIPR, KANPUR	11560	NEMATOLOGY	19/08/2019
7.	ALOK KUMAR, IIPR, KANPUR	11655	SEED SCIENCE AND TECHNOLOGY	04/09/2019

411.3.6 Award of Contingent grant only @ Rs.10,000/- per annum to the following 5 (4 IARI + 1 CIAE) ICAR Inservice/Departmental Technical Candidates working at the same station.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/Sub-Discipline	DATE OF ENROLMENT
1.	VIJAY KUMAR, CIAE, BHOPAL	11403	AGRICULTURAL ENGINEERING (FPE)	19/08/2019
2.	LOKENDRA SINGH, IARI, NEW DELHI	11507	FLORICULTURE AND LANDSCAPE ARCHITECTURE	19/08/2019
3.	HARENDRA KUMAR YADAV, IARI, NEW DELHI	11506	-do-	19/08/2019
4.	SHIV KUMAR SINGH, IARI, NEW DELHI	11538	GENETICS AND PLANT BREEDING	19/08/2019
5.	Ms. PAVITHRA S, NIAP, NEW DELHI	11388	AGRICULTURAL ECONOMICS	19/08/2019

411.3.7 Following 19 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Institute Sr. Scholarship from IASRI.

S.NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/Sub-Discipline	DATE OF ENROLMENT
1.	KRISHNA PADA SARKAR	11436	AGRICULTURAL STATISTICS	19/08/2019
2.	DEBOPAMRAKSHIT	11437	-do-	19/08/2019
3.	Ms. TANIMA DAS	11438	-do-	19/08/2019
4.	Ms. ANKITAVERMA	11439	-do-	19/08/2019
5.	VINAYKUMAR L N	11440	-do-	19/08/2019
6.	RAHUL KUMAR GUPTA	11441	-do-	19/08/2019
7.	VINAYAKA	11442	-do-	19/08/2019
8.	PRABHAT KUMAR	11443	-do-	19/08/2019
9.	RAJUBHAIHARJIBHAICHAUDHARI	11444	-do-	19/08/2019
10.	Ms. TANWYDASMANDAL	11465	BIOINFORMATICS	19/08/2019
11.	NITESH KUMAR SHARMA	11466	-do-	19/08/2019
12.	BAIBHAV KUMAR	11467	-do-	19/08/2019
13.	JUTAN DAS	11468	-do-	19/08/2019
14.	ABHISHEKH M P	11469	COMPUTER APPLICATION	19/08/2019
15.	AMIT SAHA	11470	-do-	19/08/2019
16.	Ms. PREETYDAGAR	11471	-do-	19/08/2019
17.	BANOTHJAGDISHNAIK	11472	-do-	19/08/2019
18.	ROHIT KUMAR SINGH	11474	-do-	19/08/2019
19.	MURARI KUMAR	11475	-do-	19/08/2019

411.3.8 The Standing Committee did not recommend award of Institute's Sr. Scholarship to the following 4 In-service candidates as they have already availed the benefit of Scholarship during their previous 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 amount, 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.NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/Sub-Discipline	DATE OF ENROL.
1.	DEEPAK SABAJITHORAT, CIAE, BHOPAL	11400	AGRICULTURAL ENGINEERING (FPE)	19/08/2019
2.	MANJUNATHA GOWDA THONDIHALU, IIVR, VARANASI	11554	NEMATOLOGY	19/08/2019
3.	MANISH KUMAR MITTAL, DMAPR, ANAND	11563	PLANT GENETIC RESOURCES	19/08/2019
4.	CHANDERBHAN, SKRAU, BIKANER	11596	POST HARVEST TECHNOLOGY OF HORTICULTURAL CROPS	19/08/2019

411.3.9. During the current academic session 2019-20, Education Division of ICAR referred 192 candidates including 12 for IARI Assam and 12 for IARI Jharkhand for admission to M.Sc. degree programmes in different disciplines at IARI through online counseling. Out of 192, two students did not report for admission and six have been removed from the rolls. For these 8 vacant seats offline counseling was held and seven seats were filled. One seat remained vacant in the discipline of WST as no candidate reported for admission.

The candidates who are not awarded ICAR P.G. Scholarship are considered for award of Institute Scholarship. Award of ICAR-PG Scholarship is yet to be received from the Education Division, ICAR. The Academic council decided that the duly filled application form for IARI Jr. Scholarship may be obtained from all the M.Sc./M.Tech. students at the earliest and to avoid financial hardship, the Scholarship may be paid to these students from IARI fund after obtaining the approval from the Chairman, Academic Council. After the award of ICAR-PG Scholarship, the duly filled application forms (from these students) be sent to ICAR Education Division for further necessary action (i.e. regarding release of funds). On obtaining the funds from ICAR, necessary adjustment may be made accordingly.

Agenda Item No. 411.4: Consideration of the proceedings of the meeting of the Standing Committee on Course Curricula and Academic Affairs held on 07.11.2019

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

411.4.1: Introduction of two New Courses :(i) Science and Society PGS 508, (ii) Information Technologies for Agricultural Extension (CA 579/AG EXT 579)

The Academic council discussed the recommendation of the Standing Committee and decided to Introduce a compulsory Course to all PhD students "Science and Society"(PGS 508) wef 2019-20 (I/II/III Trimester) academic session.

With regard to "Information Technologies for Agricultural Extension (CA 579/AG EXT 560)" course, the Academic Council suggested to revise the title and contents, to include ICT applications in agriculture and more emphasis on practical aspects. Board of Studies of the Division of Agricultural Extension to revise the compulsory course for implementation from III-Trimester of 2019-20 session for the PhD students of Agricultural Extension.

411.4. 2: Introduction of new Course "Non-coding RNAs "BI 644" in the discipline of Bioinformatics

The Academic Council approved the Introduction of above new Course(Optional) as per detail given below:

Title of the Course: **Non-coding RNAs BI 644**

Number of credits: 1L + 1P

To be offered: II/III

Objective: To orient the students towards the developments recently taken place in the field of non-coding RNAs and their characterization, prediction using computational algorithms, pipelines and tools.

Course contents (Theory)

UNIT I

Course overview; RNA molecules: biogenesis, types, structure and functions.

Introduction to ncRNAs: types of ncRNAs, small ncRNAs, long ncRNAs, function of ncRNAs, Role of ncRNAs in plants and animals

UNIT II

Small ncRNA: Introduction, miRNAs, siRNAs, hiRNAs, piRNAs, shRNAs; Post-transcriptional processing of microRNA; microRNA: target pairing and RISC function; miRNA target genomics; Functions and roles of miRNAs in growth & development of plants and animals. Stress responsive miRNAs, oncomiRs&tumour suppresser miRNAs.

UNIT III

lncRNAs: biogenesis, classifications, structure & function of lncRNAs. Endogenous target mimic lncRNAs, triplet associated lncRNAs (miRNA, mRNA, lncRNAs); Circular RNAs: structure and functions. Role of circular RNA in cancer, growth and development.

UNIT IV

Splicing and splice variants; Alternative splicing; Alternative splicing regulation; Nonsense mediated RNA decay; RNA editing.

UNIT-V

Coding and non-coding sequences; TEs; lincRNAs and lncRNAs; Bacterial RNAs; riboswitches; Introduction to CRISPRs.

Practical

Exploration of databases and tools for identification and characterization of ncRNAs (miRNA, lncRNAs, circular RNAs); Prediction and characterization of ncRNAs from RNA-seq profiles; Structure prediction and validation of ncRNAs; Generation of new ncRNA resources and submission to genomic databases.

Suggested additional Readings

1. Ernesto Picardi (Ed.). 2015. RNA bioinformatics. Springer
2. Gordokin, Jan Ruzyo, L.Walter (Eds.). 2014. RNA sequence, structure and function: computational and bioinformatic methods –Springer
3. Jocelyn E. Krebs, Benjamin Lewin, Elliott S. Goldstein, Stephen T. Kilpatrick. 2014. Lewin's Genes XI- Jones & Bartlett Publishers
4. MRS Rao. (ed.). 2017. Long non-coding RNA biology — springer
5. James Darnell .2011.RNA: Life's indispensable molecule – CSH press
KrishnaraoAppasani. 2008. microRNA-from basic science to disease biology- Cambridge university press

411.4.3: Introduction of Ph.D. programme in Development Economics and Policy at NIAP, New Delhi

The Academic Council discussed the issue in detail and decided that Board of Studies of the Discipline of Agricultural Economics shall prepare a comparative note and authorized the Chairman to constitute a committee for further discussion/deliberations on this issue.

411.4.4: Institution of new award: Best Extension Scientist Award for outstanding contribution in Agricultural Extension

The Academic Council approved the Institution of new award: Best Extension Scientist Award for outstanding contribution in Agricultural Extension received from the Board of Studies of Discipline of Agricultural Extension commencing from the biennial 2019-20. The guidelines, marking scheme and proforma approved by the Academic Council is placed at **Appendix-II**.

411.4.5: To make MB 607 Microbial Genetics (3L+1P) as Core Course for M.Sc. Students

The Academic Council approved the proposal of Board of Studies of Microbiology for making Course MB 607 Microbial Genetics (3L+1P) as a Core Course for M.Sc. students.

411.4.6: NAAS rating of 3.50 out of 10.00 / NAAS rating of 5.00 out of 10.00 for meeting the requirement of PhD thesis submission

The Academic Council discussed the current status/trends of publication of research papers from PhD theses and decided to enhance the NAAS rating requirement to ≥ 6.0 out of 10.0 from 2019-20 academic session (with the exception to Discipline of Agricultural Engineering, Agricultural Extension, Agricultural Economics, Agricultural Statistics and Computer Application).

The Academic Council also recommended for the revision of guidelines of the IARI Merit Medal.

Agenda Item No. 411.5: Consideration of the proceedings of the meeting of the Standing Committee on Faculty & Discipline held on 08.11.2019

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

411.5.1: Induction of following 14 Scientists into PG School Faculty in their respective disciplines at IARI (8) and IARI PG outreach Programme at IIHR (3) and IARI-Jharkhand/IARI Assam (3) as they meet the qualifications/eligibility as per the prescribed guidelines.

S. No.	Name & Designation	Name of the Discipline
IARI, New Delhi		
1.	Dr. Raju Kumar, Scientist	Agricultural Statistics
2.	Dr. M. Balasubramanian, Scientist	Agricultural Economics
3.	Dr. Chavlesh Kumar, Scientist	Fruit Science
4.	Dr. Rajna S., Scientist	Entomology
5.	Dr. T. Boopathi, Sr. Scientist	Entomology
6.	Dr. Gowthami R., Scientist	Genetic and Plant Breeding
7.	Dr. Sudhir Srivastava, Scientist	Bioinformatics
8.	Dr. Vandita Kumari, Scientist	Agricultural Statistics
IIHR, Bengaluru		
9.	Ms. Rohini M.R, Scientist	Plant Genetic Resource
10.	Dr. Raja Shankar, Principal Scientist	Vegetable Science
11.	Dr. Linta Vincent, Scientist	Fruit Science
For IARI-Assam		
12.	Dr. Amit Kumar, Scientist, NEH (Umiam)	Genetics and Plant Breeding
13.	Dr. Harish G.D, Scientist (ICAR-NBPGR R.S-Shillong)	Genetics and Plant Breeding
For IARI-Jharkhand		
14.	Dr. Shashi Bhushan Choudhary, Scientist (SS) (Ranchi)	Genetics and Plant Breeding

411.5.2: Keeping in view the Academic Council decision taken in its 410th meeting held on 25/7/2019, **approved** transfer of faculty membership of following three faculty as per detail given below:

S. No.	Name & Designation	Faculty membership transferred from Discipline of	Faculty membership transferred to Discipline of
1	Dr. Soumen Pal, Scientist	Agricultural Statistics	Computer Application
2	Dr. Tejpal Singh, Sr. Scientist	Plant Genetic Resources	Seed Science & Technology
3	Dr. Nagamani Sandra, Scientist	Plant Pathology	Seed Science & Technology

411.5.3 Recognition of following 3 faculty members of IARI 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
1	Dr. Kumar Durgesh, Scientist	Genetics and Plant Breeding
2	Dr. Manjunath Prasad C.T, Scientist	Seed Science & Technology
3	Dr. Ankur Biswas, Scientist	Agricultural Statistics

411.5.4 Recognition of Dr. Karan Singh, Principal Scientist (Computer Application), CIAE, Bhopal as PhD Research Guide in the discipline of Agricultural Engineering and in light of the Academic Council decision taken in its 410th meeting held on 25/7/2019 (as a special case, after relaxing requirement of two M.Sc./M.Tech Students guidance experience) in the discipline of Agricultural Engineering (FMP).

411.5.5 Non-Recognition of the following three faculty members of CIAE, Bhopal as Research Guides 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
1	Dr. Chandra Kant Saxena, Principal Scientist	Agricultural Engineering(SWCE)	Short of Research papers, two M.Sc./M. Tech students guidance experience
2	Dr. N.S. Chandel, Scientist	Agricultural Engineering(FPE)	Short of teaching, two M.Sc./M. Tech students guidance experience
3	Dr. Sandip Mandal, Scientist	Agricultural Engineering	Short of teaching, M.Sc./M. Tech students guidance experience

411.5.6: Recognition of following four scientists as Adjunct Faculty at IARI as per prescribed guidelines approved by the Academic Council in its 402nd meeting held on 30/11/2016 and notified vide Notification No. PGS/1-402/AC/2016 dated 20/1/2017.

S. No.	Name & Designation	Name of the Discipline
1.	Dr.(Mrs.) Malavika Dadlani, Former Joint Director (Res.), IARI	Plant Physiology
2.	Dr. S.C. Datta, Former Principal Scientist, IARI	Soil Science and Agricultural Chemistry
3.	Dr. P. Kumar, Former Head of the Division, IARI	Agricultural Economics
4.	Dr. V.C. Mathur, Former Professor, IARI	Agricultural Economics

Agenda Item No. 411.6 Consideration of the Academic Calendar for the 63rd Academic Session 2020-21

The Academic Council approved the Academic Calendar of the P G School for the Academic Session 2020-21.

Admission Process for the Academic Session 2020-21		
2020		
June 1	Monday	ICAR AIEEA- 2020
June 26	Friday	Last date for submission of thesis by IARI M.Sc./M.Tech. students who will apply for admission to Ph.D. Programme
June 27	Saturday	Declaration of result of ICAR AIEEA 2020 for admission to M.Sc./M.Tech. and Ph.D. programme
July 04	Saturday	Last date for receipt of mark sheet from the candidates who are studying in M.Sc./M.Tech. final year
July 11	Saturday	Academic Council meeting
July 23-24	Thursday & Friday	Verification of original documents and online Registration of newly admitted M.Sc./M.Tech. and Ph.D. students for the academic session 2020-21
July 25	Saturday	Orientation Programme: Newly admitted students to be addressed by Dean and Director, IARI
I – Trimester		
July 27	Monday	First Trimester begins, payment of fees and online registration of continuing students
July 28	Tuesday	Commencement of Class Work
August 10	Monday	Last date for adding/dropping of course
September 05	Saturday	Teacher day celebration and lecture
November 16 to November 21	Monday to Saturday	Final Examination of I Trimester
II – Trimester		
November 23	Monday	Online Registration of students
November 24	Tuesday	Commencement of Class Work
December 03	Thursday	Agricultural Education Day
December 07	Monday	Last date for adding/dropping of courses
December 20 to January 03	Sunday to Sunday	Winter Break
2021		

February 1	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 59 th Convocation, 2021
February 08	Monday	Commencement of 59th Convocation Week Programme
February 11	Thursday	<i>51st Lal Bahadur Shastri Memorial Lecture</i>
February 12	Friday	59 th Convocation
February 20 to February 22	Saturday to Monday	Annual Sports Meet (Tentative)
March 22 to March 27	Monday to Saturday	Final Examination of II Trimester
III - Trimester		
March 29	Monday	Online Registration of students
March 30	Tuesday	Commencement of Class Work
April 14	Wednesday	Last date for adding/dropping of course
May 23 to June 13	Sunday to Sunday	Summer Vacation
July 12 to July 17	Monday to Saturday	Final Examination of III Trimester
July 18 to July 25	Sunday to Sunday	Trimester Break

*Agenda Item No. 411.7: Finalisation of 58th Convocation Week Programme
February 3-7, 2020*

The Academic Council approved the following 58th Convocation programme of IARI.

Venue: Dr. B.P. Pal Auditorium

Monday, February 03, 2020

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 04, 2020

Presentation of Significant Educational Achievements for the year 2019 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 05, 2020

Presentation of Significant Educational Achievements for the year 2019 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 XXIth Sukumar Basu Memorial Award

12.30-13.45 hrs. Lecture by the Recipient of XXth Shri Harikrishna Shastri Memorial Award

15.00-16.15 hrs. Lecture by the Recipient of 1st Best Extension Scientist Award

16.30-17.15 hrs. Lecture by the Recipient of Vth Dr. A.B. Joshi Memorial Award

Thursday, February 06, 2020

Venue: Conference Hall, Prof. M.S.Swaminathan Library

09.30-10.30 hrs. 412th 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. 50th Lal Bahadur Shastri Memorial Lecture

Venue: New Auditorium, NASC Complex

15.45-16.30 hrs. Full Dress Rehearsal

Friday, February 07, 2020

Venue: New Auditorium, NASC Complex

11.00-13.00 hrs. 58th Convocation

18.00 hrs. Cultural Programme by P. G. Students

20.00 hrs. Convocation Dinner

The process on the following items has already been initiated/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-2019 presentation” by the PG students for IARI Merit Medals” and Best Student of the Year Award on Monday, February 03, 2020 (to be finalised in due course of time)
 - ii) Chairpersons and Conveners for the Programme “Presentation of Significant Educational Achievements of IARI for the year 2019” by the Professors of teaching disciplines representing schools on Tuesday, February 04, 2020(to be finalised in due course of time)
3. Lecture by the recipients of the following awards
 - i) Shri Hari Krishna Shastri Memorial Award
 - ii) Sukumar Basu Memorial Award
 - iii) Best Extension Scientist Award

iv) Dr. A.B. Joshi Memorial Award

4. Speaker to deliver 50th Lal Bahadur Shastri Memorial Lecture:
5. Chairman and Convenor for the 50th Lal Bahadur Shastri Memorial Lecture:
6. Chairpersons for the below mentioned Committees:

i) Pandal and Seating Arrangements Committee	Dr. Indra Mani, Head, Agril Engineering, Chairperson
ii) Catering Arrangement Committee for Various Occasions	Sh. Ratnesh Kumar, Registrar & JD (A), Chairperson
iii) Invitation Committee	Dr. V.K. Baranwal, Professor, Plant Pathology, Chairperson
iv) Reception Committee	Dr. (Ms.) Anupama Singh, Head, Divison of Agril. Chemicals, Chairperson
v) Cultural Programme & Invocation Song Committee	Dr. (Mrs.) K. Annapurna, Head, Microbiology Chairperson
vi) Decoration Committee	Dr. Markandey Singh, Floriculture(Coordinator)
vii) Publicity Committee	Dr. Rabindra Nath Padaria, Prof. Agril. Extension, Chairperson
viii) Transport and Accommodation Committee	Sh. Pushpender Kumar, Chief Admin. Officer, Directorate, IARI

Agenda Item No.411.8: *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 11.11.2019*

The Academic Council approved the list of 147 candidates who have become eligible for the award of degree of M.Sc./M.Tech. and 30 candidates for Doctor of Philosophy who have completed all the requirements including final viva-voce examination as on 13.11.2019(**Appendix-III**).

Agenda Item No. 411.9: *Finalization of number of seats and eligibility qualification for admission to M.Sc./M.Tech. and Ph.D. degree programmes for the Academic Session 2020-21*

The Academic Council approved the following:

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 for Admission (AIEEA – PG- 2020, AIEEA PGS 2020) and Award of ICAR-JRF to Master's degree programme and ICAR-SRF to Doctoral degree programme of IARI, IVRI, NDRI, CIFE, CAU and SAU's. The exam shall be conducted by NTA and 100% of seats at IARI will be filled by this exam.

**Discipline-wise Seat positions for M.Sc./M.Tech. programmes at IARI-New Delhi,
IARI-Jharkhand and IARI-Assam**

S.No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL CHEMICALS	2	1	2	0	1	0	6
2.	AGRICULTURAL ECONOMICS	2	1	1	1	0	(1)	5
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	1	0	0	0	0	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	1	1	0	0	5
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	1	1	1	0	0	5
6.	AGRICULTURAL EXTENSION	2	0	2	2	1	0	7
7.	AGRICULTURAL PHYSICS	2	0	2	1	0	0	5
8.	AGRICULTURAL STATISTICS	3	1	2	1	1	0	8
9.	AGRONOMY	2	1	2	1	0	0	6
10.	BIOCHEMISTRY	2	0	2	1	0	0	5
11.	BIOINFORMATICS	3	0	1	1	1	(1)	6
12.	COMPUTER APPLICATION	3	1	2	1	0	0	7
13.	ENTOMOLOGY	3	1	2	1	0	0	7
14.	ENVIRONMENTAL SCIENCES	2	1	2	1	1	0	7
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	1	1	0	1	0	5
16.	FRUIT SCIENCE	3	1	1	1	0	0	6
17.	GENETICS AND PLANT BREEDING	3	1	3	1	0	0	8
18.	MICROBIOLOGY	3	0	2	1	1	0	7
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	0	2	1	1	0	8
20.	NEMATOLOGY	3	0	1	0	1	0	5
21.	PLANT GENETIC RESOURCES	2	0	2	1	0	(1)	5
22.	PLANT PATHOLOGY	4	0	2	2	1	0	9
23.	PLANT PHYSIOLOGY	2	1	1	1	1	(1)	6
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	1	1	1	0	0	5
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	1	0	1	0	0	0	2
26.	SEED SCIENCE AND TECHNOLOGY	3	0	2	1	1	0	7
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	2	1	2	0	1	0	6
28.	VEGETABLE SCIENCE	2	1	1	1	0	(1)	5
29.	WATER SCIENCE AND TECHNOLOGY	1	0	1	1	0	0	3
Total-A		68	17	45	25	13	(5)	168

B- IARI, Assam

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

C- IARI, Jharkhand

S.No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRONOMY	1	0	1	1	0	0	3
2.	GENETICS AND PLANT BREEDING	1	0	1	1	0	0	3
3.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	1	1	1	0	0	0	3
4.	VEGETABLE SCIENCE	2	0	0	0	1	0	3
Total-C		5	1	3	2	1	0	12
Grand Total=A+B+C		78	19	51	29	15	(5)	192

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

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL CHEMICALS	3	1	2	2	0	0	8
2.	AGRICULTURAL ECONOMICS	2	0	2	1	1	(1)	6
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	0	1	0	0	0	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	2	1	1	0	7
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	1	1	1	0	0	5
6.	AGRICULTURAL EXTENSION	3	1	2	2	1	0	9
7.	AGRICULTURAL PHYSICS	3	0	2	1	0	0	6
8.	AGRICULTURAL STATISTICS	3	1	3	1	1	(1)	9
9.	AGRONOMY	4	1	4	2	2	0	13
10.	BIOCHEMISTRY	4	1	2	1	0	0	8
11.	BIOINFORMATICS	4	1	2	1	0	(1)	8
12.	COMPUTER APPLICATION	3	1	2	1	0	0	7
13.	ENTOMOLOGY	2	1	2	1	1	(1)	7
14.	ENVIRONMENTAL SCIENCES	2	1	2	1	1	(1)	7
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	3	1	1	1	1	0	7
16.	FRUIT SCIENCE	4	1	2	1	1	0	9
17.	GENETICS AND PLANT BREEDING	6	2	5	2	1	(1)	16
18.	MICROBIOLOGY	5	1	2	1	0	0	9
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	1	2	1	1	0	9
20.	NEMATOLOGY	2	1	0	1	0	0	4
21.	PLANT GENETIC RESOURCES	2	1	2	1	0	0	6
22.	PLANT PATHOLOGY	5	1	3	2	1	0	12
23.	PLANT PHYSIOLOGY	3	0	1	1	0	0	5
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	0	2	1	0	0	5
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	1	0	0	0	0	0	1
26.	SEED SCIENCE AND TECHNOLOGY	3	0	2	1	1	0	7
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	6	1	4	2	1	(1)	14
28.	VEGETABLE SCIENCE	4	1	3	2	1	0	11
29.	WATER SCIENCE AND TECHNOLOGY	3	1	3	1	1	0	9
Total-A		91	23	61	34	17	(7)	226

B. CIAE, BHOPAL

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	1	0	1	0	0	3
2.	AGRICULTURAL ENGG. (Farm Power & Equipment)	1	0	1	0	1	0	3
3.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	1	0	1	0	0	0	2
Total-B		3	1	2	1	1	0	8

C. IIHR, BENGALURU

S. No.	Discipline	GEN	EWS	OBC	SC	ST	PH	Total
1.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	0	1	0	1	0	4
2.	FRUIT SCIENCE	1	0	1	1	0	0	3
3.	POST HARVEST TECH. (PHT of Horticultural Crops)	1	1	0	0	0	0	2
4.	VEGETABLE SCIENCE	1	0	1	1	0	0	3
Total-C		5	1	3	2	1	0	12
Grand Total= A+B+C		99	25	66	37	19	(7)	246

Date of Entrance Examination (ICAR AIEEA-2020) :01.06.2020 (Sunday)

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.
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. 411.10: Consideration of Dual degree PhD exchange programme between WSU-IARI, New Delhi

Under the approved broad MoU and agreed work plan between ICAR and Western Sydney University, Australia a dual degree PhD exchange programme which has been finalized recently by the senior officials of both the countries was discussed and agreed by the Academic Council. Under this programme to start with five PhD students, two each in Soil Science & Vegetable Science (Protected Cultivation) and one in the discipline of Agricultural Extension has been finalized for the current academic session 2019-20.

The details of the selected candidates are given below:

S.No	Name of the Student, Roll No. & Discipline	Name of the Research Guide
Agricultural Extension		
1.	Mr. Bhagirath Das Roll No. 11425	Dr. R.N. Padaria Principal Scientist & Professor Division of Agricultural Extension, IARI
Soil Science and Agricultural Chemistry		
2.	Mr. Arkaprava Roy Roll No. 11604	Dr. S.P. Datta Principal Scientist & Professor Division of Soil Science and Agricultural Chemistry, IARI
3.	Mr. Ranabir Chakraborty Roll No. 11605	Dr. T.J. Purakayastha Principal Scientist Division of Soil Science and Agricultural Chemistry, IARI
Vegetable Science		
4.	Mr. Anjan Das Roll No. 11621	Dr. A.D. Munshi Principal Scientist Division of Vegetable science, IARI
5.	Mr. Dhananjay A. Hongal Roll No. 11619	Dr. T.K. Behera Principal Scientist & Professor Division of Vegetable science, IARI

Agenda Item No. 411.11: Any other item with the permission of the Chair

1. The Academic Council discussed the proposal of discipline of "Plant Genetic Resources" for renaming the degree as "Plant Genetic Resources and Agriculture Botany". The Academic Council did not agree to the proposal and was of the opinion that Board of Studies may submit a detailed proposal for further consideration of Standing Committee on Course Curricula and Academic Affairs.
2. Regarding the issue of limited hostel accommodation facilities at IARI, the Academic Council constituted a Committee under the Chairmanship of Dean (Members: MOHR, Registrar and President PGSSU) to formulate allotment guidelines for the approval of Director.

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



(Ratnesh Kumar)
Member-Secretary



(A.K. Singh)
Chairman



(Rashmi Aggarwal)
Vice Chairperson

APPENDIX-I

LIST OF STUDENTS ENROLLED AT IARI, NEW DELHI IN PH.D. PROGRAMME IN THE ACADEMIC YEAR 2018-19 ELIGIBLE FOR INSTITUTE SCHOLARSHIP @ Rs. 25000/- p.m. WITH CONTINGENCY @ Rs. 10000/-p.a				
S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE/SUB-DISCIPLINE	DATE ENROLMENT
1.	RAKESH KUMAR	11375	AGRICULTURAL CHEMICALS	19/08/2019
2.	VIJAY KUMAR	11376	-do-	19/08/2019
3.	Ms. MADHUTIPPANNAVAR	11377	-do-	19/08/2019
4.	SUBHASIS SARKAR	11378	-do-	19/08/2019
5.	RANDEEP KUMAR	11379	-do-	19/08/2019
6.	Ms. NANDINISAHA	11380	AGRICULTURAL ECONOMICS	19/08/2019
7.	Ms. GEETHA M L	11381	-do-	19/08/2019
8.	Ms. MOUSUMIPRIYADARSHINI	11382	-do-	19/08/2019
9.	NEELAKANTAPPA P	11383	-do-	19/08/2019
10.	ATHARE PRAKASH GORAKSHA	11384	-do-	19/08/2019
11.	OMPRAKASHNAIK N	11385	-do-	19/08/2019
12.	SUBRATAGORAIN	11386	-do-	19/08/2019
13.	VISHALKUMAR SURESH HOSAMANI	11387	-do-	19/08/2019
14.	DHARMENDER	11389	AGRICULTURAL ENGINEERING	19/08/2019
15.	Ms. SILPA MANDAL	11392	-do-	19/08/2019
16.	Ms. KHUSHBOO GUPTA	11393	-do-	19/08/2019
17.	Ms. CHINMAYEEPARIDA	11395	-do-	19/08/2019
18.	NRUSINGHCHARAN PRADHAN	11399	-do-	19/08/2019
19.	OMKAR GUPTA	11401	-do-	19/08/2019
20.	AJAY KUSHWAH	11406	-do-	19/08/2019
21.	RAMINENIHARSHA NAG	11408	-do-	19/08/2019
22.	SOMNATHGANGARAMYAMAGAR	11409	-do-	19/08/2019
23.	RATHOD SUNIL KUMAR	11410	-do-	19/08/2019
24.	SIDHARTHASEKHAR SWAIN	11411	-do-	19/08/2019
25.	ACHUGATLAKESAV KUMAR	11412	-do-	19/08/2019
26.	KUNDAN KUMAR	11415	-do-	19/08/2019
27.	AMIT KUMAR	11417	-do-	19/08/2019
28.	Ms. SADHANIKUMARI	11419	-do-	19/08/2019
29.	MALKHAN SINGH JATAV	11421	-do-	19/08/2019
30.	SUJAYBASAPPAKADEMANI	11426	AGRICULTURAL EXTENSION	19/08/2019
31.	Ms. JUHEE AGRAWAL	11427	-do-	19/08/2019
32.	SURJYAKANTA ROY	11430	-do-	19/08/2019
33.	KOUSHIK BAG	11431	AGRICULTURAL PHYSICS	19/08/2019
34.	SONA KUMAR	11432	-do-	19/08/2019
35.	Ms. PRIYA BHATTACHARYA	11433	-do-	19/08/2019
36.	ARAVIND K S	11434	-do-	19/08/2019
37.	Ms. SONIA DEVI	11435	-do-	19/08/2019
38.	KIRTTIRANJANBARAL	11445	AGRONOMY	19/08/2019
39.	HARI SANKARNAYAK	11446	-do-	19/08/2019
40.	KAMAL GARG	11447	-do-	19/08/2019
41.	AKSHAY KUMAR YOGI	11448	-do-	19/08/2019
42.	SHYAM C S	11449	-do-	19/08/2019
43.	Ms. ANKURBHAKAR	11450	-do-	19/08/2019
44.	CHUNENDRA PRAKASH	11451	-do-	19/08/2019
45.	SANDEEP GAWDIYA	11453	-do-	19/08/2019
46.	R RUSTUMZHIIPAO	11454	-do-	19/08/2019
47.	MADAM VIKRAMARJUN	11455	-do-	19/08/2019
48.	ARKAPRAVA ROY	11456	-do-	19/08/2019
49.	SACHIN K S	11457	-do-	19/08/2019
50.	BANKERLANGKHONGWIR	11458	-do-	19/08/2019
51.	Ms. ARTIKUMARI	11459	BIOCHEMISTRY	19/08/2019
52.	NAGESH C R	11460	-do-	19/08/2019
53.	SHAHNOORALAM	11461	-do-	19/08/2019
54.	DURGASIVENKATABHARGAV	11462	-do-	19/08/2019
55.	ABHISHEK CHITRANASHI	11463	-do-	19/08/2019
56.	Ms. SIMARDEEP KAUR	11464	-do-	19/08/2019
57.	MAHESH MAHADEVJADHAV	11476	ENTOMOLOGY	19/08/2019
58.	NIRAJGULERIA	11477	-do-	19/08/2019
59.	K SRINIVAS	11478	-do-	19/08/2019

60.	SANTHOSH NAIK	11479	-do-	19/08/2019
61.	Ms. JAT MONICA	11480	-do-	19/08/2019
62.	Ms. DEEKSHA M G	11481	-do-	19/08/2019
63.	ASHOK KUMAR SAU	11482	-do-	19/08/2019
64.	G R HITHESH	11483	-do-	19/08/2019
65.	Ms. KARSHANAL J	11484	-do-	19/08/2019
66.	SANDEEP KUMAR	11485	-do-	19/08/2019
67.	ANIL KUMAR S T	11486	-do-	19/08/2019
68.	DEVENDRA KUMAR MEENA	11487	-do-	19/08/2019
69.	BASAVARAJ N HADIMANI	11488	-do-	19/08/2019
70.	Ms. PYNHUNLIN NOLA KHARKRANGDOHLING	11489	-do-	19/08/2019
71.	Ms. DIVYA POOJA B	11490	ENVIRONMENTAL SCIENCES	19/08/2019
72.	Ms. SHRAVANISANYAL	11491	-do-	19/08/2019
73.	Ms. MAMTABISHT	11492	-do-	19/08/2019
74.	Ms. VINITA	11493	-do-	19/08/2019
75.	Ms. J GAYATHRI	11494	-do-	19/08/2019
76.	RAVI KUMAR	11495	-do-	19/08/2019
77.	KUDIMETHA GANESH KUMAR	11496	-do-	19/08/2019
78.	DAVENDRA KUMAR	11497	FLORICULTURE AND LANDSCAPE ARCHITECTURE	19/08/2019
79.	SAGAR C T	11498	-do-	19/08/2019
80.	ROHITH R	11499	-do-	19/08/2019
81.	TEJUKUMAR B K	11501	-do-	19/08/2019
82.	Ms. KOPPALADEEPTHI	11502	-do-	19/08/2019
83.	Ms. RAYAVARAPUTEJASWI	11503	-do-	19/08/2019
84.	Ms. MEGHA R	11508	FRUIT SCIENCE	19/08/2019
85.	SANDEEP	11509	-do-	19/08/2019
86.	NIKHIL H N	11511	-do-	19/08/2019
87.	Ms. ANUSHA N M	11513	-do-	19/08/2019
88.	Ms. JNAPIKA K H	11514	-do-	19/08/2019
89.	RAKESH KUMAR PANDEY	11515	-do-	19/08/2019
90.	ASHOK DHAKAD	11517	-do-	19/08/2019
91.	RAHUL	11519	GENETICS AND PLANT BREEDING	19/08/2019
92.	HRIIPULOU DUO	11520	-do-	19/08/2019
93.	NANDAKUMAR S	11521	-do-	19/08/2019
94.	Ms. SONU	11522	-do-	19/08/2019
95.	MANOJ GOWDA M	11523	-do-	19/08/2019
96.	ANUJ KUMAR	11524	-do-	19/08/2019
97.	MANORANJANSENAPATI	11525	-do-	19/08/2019
98.	PRASHANT VASISTH	11526	-do-	19/08/2019
99.	I GOPINATH	11528	-do-	19/08/2019
100.	Ms. MENIARITAKU	11529	-do-	19/08/2019
101.	MANOJ KUMAR PATEL	11530	-do-	19/08/2019
102.	Ms. SUNAINA YADAV	11531	-do-	19/08/2019
103.	Ms. NIKKI KUMARI	11532	-do-	19/08/2019
104.	SHIVANAGOUDAPATIL N	11533	-do-	19/08/2019
105.	MANJUNATHA P B	11534	-do-	19/08/2019
106.	NARAYANA BHAT DEVATE	11535	-do-	19/08/2019
107.	KAMREKRANTHIKUMAR	11536	-do-	19/08/2019
108.	HARISHA R	11537	-do-	19/08/2019
109.	Ms. SAGIA S	11539	MICROBIOLOGY	19/08/2019
110.	Ms. SNEHA G R	11540	-do-	19/08/2019
111.	Ms. KRUTIKAPATIL	11541	-do-	19/08/2019
112.	Ms. ASWINI K	11542	-do-	19/08/2019
113.	Ms. S.RAMYA	11543	-do-	19/08/2019
114.	Ms. KOKILA V	11544	-do-	19/08/2019
115.	DILBAG	11545	-do-	19/08/2019
116.	KRISHNAYAN PAUL	11546	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	19/08/2019
117.	MUHAMMED SHAMNAS V	11547	-do-	19/08/2019
118.	NARESH KUMAR SAMAL	11548	-do-	19/08/2019
119.	ZAHERUL ISLAM	11549	-do-	19/08/2019
120.	DEEPESH KUMAR	11550	-do-	19/08/2019
121.	DHIVYANANDHAM K	11551	-do-	19/08/2019
122.	GOPAL	11552	-do-	19/08/2019
123.	ARTHAKUNDU	11553	NEMATOTOLOGY	19/08/2019
124.	MANISH KUMAR	11555	-do-	19/08/2019
125.	ABHISHEK GOWDA A P	11556	-do-	19/08/2019

126.	SACHINGANGWAR	11557	-do-	19/08/2019
127.	PRAKASH YALLAPASHANKHU	11558	-do-	19/08/2019
128.	Ms. VYSHALI	11559	-do-	19/08/2019
129.	Ms. MONIKA JHA	11561	PLANT GENETIC RESOURCES	19/08/2019
130.	Ms. DEEPIKA D D	11562	-do-	19/08/2019
131.	Ms. RAMYA K R	11564	-do-	19/08/2019
132.	Ms. SHARMILA M	11565	-do-	19/08/2019
133.	SHANKAR M	11566	-do-	19/08/2019
134.	Ms. PANKHURISINGHAL	11567	PLANT PATHOLOGY	19/08/2019
135.	Ms. CHARISHMA K	11568	-do-	19/08/2019
136.	Ms. RASHMI E R	11569	-do-	19/08/2019
137.	ROHITH M	11570	-do-	19/08/2019
138.	GANGARAJ R	11571	-do-	19/08/2019
139.	LHAMDORJEE	11572	-do-	19/08/2019
140.	Ms. NISHMITHA K	11573	-do-	19/08/2019
141.	MANIKANDAN K	11575	-do-	19/08/2019
142.	SURYAKANTMANIK	11576	-do-	19/08/2019
143.	Ms. SANGHMITRA ADITYA	11577	-do-	19/08/2019
144.	PEDAPUDILOKESHBABU	11578	-do-	19/08/2019
145.	EMMADIVENU	11579	-do-	19/08/2019
146.	Ms. CHAITHRA M	11580	-do-	19/08/2019
147.	JAGADHESAN B	11582	PLANT PHYSIOLOGY	19/08/2019
148.	Ms. JYOTIPRIYA	11583	-do-	19/08/2019
149.	Ms. PRIYA PAUL	11584	-do-	19/08/2019
150.	Ms. NEHA ANAND	11585	-do-	19/08/2019
151.	SURIYAPRAKASHRAJENDRAN	11586	-do-	19/08/2019
152.	Ms. DEEPTI TIWARI	11587	-do-	19/08/2019
153.	AJIT KUMAR SINGH	11588	POST HARVEST TECHNOLOGY	19/08/2019
154.	HARISH H	11589	-do-	19/08/2019
155.	Ms. SAMPADA SHANKAR	11590	-do-	19/08/2019
156.	RAGHAVENDRA H R	11592	-do-	19/08/2019
157.	VIVEKSAURABH	11593	-do-	19/08/2019
158.	URHESUMITBHAUSAHEB	11597	-do-	19/08/2019
159.	Ms. ARCHANA H R	11598	SEED SCIENCE AND TECHNOLOGY	19/08/2019
160.	AKASH A	11599	-do-	19/08/2019
161.	RAMAPPA S	11600	-do-	19/08/2019
162.	Ms. SHOBHARANI M	11601	-do-	19/08/2019
163.	Ms. SHRUTIKUMARI	11602	-do-	19/08/2019
164.	Ms. ASHWINI VIJAY SAKPAL	11603	-do-	19/08/2019
165.	ARKAPRAVA ROY	11604	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	19/08/2019
166.	RANABIR CHAKRABORTY	11605	-do-	19/08/2019
167.	ANIT DAS	11606	-do-	19/08/2019
168.	KHURSHIDALAM	11607	-do-	19/08/2019
169.	Ms. MOUMITA ASH	11608	-do-	19/08/2019
170.	MOHAN KUMAR K T	11610	-do-	19/08/2019
171.	Ms. MAMTA - -	11611	-do-	19/08/2019
172.	SUBHADIP PAUL	11612	-do-	19/08/2019
173.	ABHISHEK DAS	11613	-do-	19/08/2019
174.	Ms. PREMLATAMEENA	11614	-do-	19/08/2019
175.	Ms. POOJA TAMUK	11615	-do-	19/08/2019
176.	VISHWANATH	11616	-do-	19/08/2019
177.	THUMMALAGIRISHASHANK REDDY	11617	-do-	19/08/2019
178.	Ms. ANN MARIA JOSEPH	11618	-do-	19/08/2019
179.	DHANANJAY A HONGAL	11619	VEGETABLE SCIENCE	19/08/2019
180.	Ms. SANTHIYA S	11620	-do-	19/08/2019
181.	ANJAN DAS	11621	-do-	19/08/2019
182.	ARUNA T S	11622	-do-	19/08/2019
183.	Ms. JANANI R	11624	-do-	19/08/2019
184.	SHOHAIB SHEIKH AYUB CHAUHAN	11626	-do-	19/08/2019
185.	SHUBHAM SINGH	11627	-do-	19/08/2019
186.	Ms. BICHHINNAMAITRI ROUT	11628	-do-	19/08/2019
187.	MANJU SN	11629	-do-	19/08/2019
188.	MANJUNATHA K G	11630	-do-	19/08/2019
189.	Ms. PARAMITA ROY	11632	-do-	19/08/2019
190.	RAHUL CHANDEL	11633	-do-	19/08/2019
191.	Ms. AROCKIAANUSTY J	11635	WATER SCIENCE AND TECHNOLOGY	19/08/2019

192.	Ms. DIANA DHAYAL	11636	-do-	19/08/2019
193.	CHANDAN T	11637	-do-	19/08/2019
194.	Ms. KIRUTHIGA B	11638	-do-	19/08/2019
195.	Mr. KISHOR N	11639	-do-	19/08/2019
196.	Mr. VED PRAKASH MEENA	11640	-do-	19/08/2019
197.	Ms. RASHMI YADAV	11641	-do-	19/08/2019
198.	Ms. SANGEETA	11642	-do-	19/08/2019
199.	GAVHANEKISHORPANDURANG	11648	AGRICULTURAL ENGINEERING	29/08/2019
200.	EDULAUDAYKUMAR	11651	ENTOMOLOGY	02/09/2019
201.	CHETHAN KUMAR V	11652	GENETICS AND PLANT BREEDING	30/08/2019
202.	Ms. CHANDANA BS	11653	-do-	03/09/2019
203.	RAKTIMMITRA	11654	PLANT PHYSIOLOGY	30/08/2019
204.	Ms. NIDHILUTHRA	11656	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	30/08/2019
205.	MADHUSUDAN B S	11657	AGRICULTURAL ENGINEERING	09/09/2019



**Post Graduate School
Indian Agricultural Research Institute
New Delhi-110012**



**Application for the Best Extension Scientist Award for
the biennial 2019-2020**

Name of the Institute forwarding application :

Photograph

1. Name of the candidate: -----
First
Middle
Surname

- a) Father's Name
b) Mother's name

2. Designation:

3. Address:

4. Contacts:

Office:

TELEPHONE

FAX

E-MAIL

Res.:

TELEPHONE

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	Institution/Country	Sponsored by	Duration	Subject

7. Employment status

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

8. Achievements**(a) Research and extension**

Sl. No.	Item*	Details in quantifiable and verifiable terms (Whether applicant is a Developer, Co-developer or Associate)
1.	New extension models/approaches developed	
2.	Technology refined/package of practice developed and transferred to the farmers with the extent of coverage	
3.	New/concepts/methodologies/tools and techniques developed	
4.	Development of Value Chain/Model Village/Seed Village/Custom Hiring Centres/Climate Smart Village/Nutri-Smart Village/Contract Farming Arrangement etc.,	
5.	Software/Apps/Web resources/educational videos developed	
6.	Mobilized farmers for group action (Formation of FIG/SHG/FPO/Growers Association/Community seed banks)	
7.	Popularization of technologies and success stories	

**Documentary evidence should be enclosed for the product/technology, adoption of products and technologies and their impact on livelihood of farmers/commercial value and acceptance by clients/stakeholders.*

(b) Teaching

S.No.	Item	Detail	Year
1.	Courses taught and number of classes taken in each course		
2.	M.Sc./Ph.D. Students Guided as Chairman		
3.	New concept introduced in course/Design of innovative course curriculum/New Course introduced or course(s) revised		
4.	Success of students (in terms of their recognition for awards)		
5.	Books/Manuals/Bulletins/ Quality reference material		
6.	Organization/participation in Training/Summer or Winter school		

(c) Please state the most significant achievements in bullet form (*Not more than 300 words*)

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9.Capacity building

Type of program	Name of the program organized	Sponsoring agency	Year	Period

10. (a) List 20 most important & highest NAAS rated publications in chronological order (attach one set of reprints)

S.No.	Name of authors	Year of publication	Title of paper	Journal, Volume, issue & page Nos.	NAAS Journal ID and NAAS Score (2019)	Number of citations based on ISI Science Citation Index
1						
2						

3						
4						
5						
6						
7						
8						
9						
10						

10 (b). Other publications

Categories of publications	Title of publication	Name of authors	First Author (Yes/No)	Year and Number of pages	Publisher
Practical/ Training Manual/ Books/ Monographs					
Book chapters/ Policy papers/ Economic reviews					
Books authored					
Books edited					
Popular Articles/Short Communications					
Extension Bulletins					
IT Material for Technology Transfer/Human Resource Development					

11. Awards and Honors received

S. No.	Name of the Award/ Honor	Year	National/ International	Academy/Institutional /Professional Society
1				
2				

12. Special attainments

Special attainment		
Category of Special Attainment	Details of Special Attainment	Additional details/ Information

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

14. 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:

(Signature of the applicant)

“Certified that the information given by the candidate in this application has been verified and fully authenticated and that there are 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 (5 copies)
2. Reprints of one set of papers listed at Sl. No. 10(a) of application
3. Documentary proof for all the claims made in the application

Guidelines governing “Best Extension Scientist Award” for outstanding contribution in Agricultural Extension

1. Name of the Award

The "Best Extension Scientist Award" for outstanding contribution in Agricultural Extension

2. Nature of the Award

The award will carry a sum of Rs. 50,000 and a Certificate for the outstanding contribution in Agricultural Extension.

3. Source of fund: Revenue receipt head or unified budget of IARI

4. Objective of the Award

To motivate the Agricultural Scientists by recognizing their outstanding contributions in Agricultural Extension in India.

The award shall be made for either fundamental or applied research as well as outreach and capacity building in agricultural extension leading to results of practical values and empowerment of farming community.

5. Periodicity of the Award

The award shall be made biennium, commencing from 2019-2020.

6. Eligibility for the Award

Applicant should be an active scientist up to the age of 62 years with a standing of 20 years outstanding contributions in the area of agricultural extension while working in India.

The award shall be made for notable research both fundamental and applied as well as outreach and capacity building in agricultural extension as revealed in papers, articles, books, monographs, manuals, modules, e-modules, e-publications; development of concepts, frameworks, tools and techniques; development of extension models and approaches; development of model villages, climate smart villages, seed villages, seed banks, nutri-smart village, etc; development and mobilization of farmers' organizations; patents or any other published account of outstanding research work, education and extension activities.

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

7. Administration of the Award

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

8. Screening Committee

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

9. Judging Committee

There will be a Judging Committee consisting of at least 5 (five) members. The Chairman of the Academic Council will nominate the Chairman for the Judging Committee and its members. 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 Chairman & 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 some other Scientist will be nominated by the Chairman, Academic Council in his/her place.

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

In the opinion of the Judging Committee, if no deserving candidate is available, the award will not be given.

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 Agricultural Scientists for the above award duly forwarded through concerned authorities. Each such application, which shall be in the prescribed form accompanied with detailed statement of the work and attainments of the candidate with documentary evidences, should be submitted by a specific 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.

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

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 made at the Convocation of the Institute and the awardee shall be required to deliver a lecture based on his/her contributions during the Convocation Week Programme.

The expenditure relating to the arrangements for the award and the TA/DA to the awardee to be paid as per the ICAR rules.

Allocation of marks for scoring applications for the “Best Extension Scientist Award” for the biennial 2019-2020

S.N.	Criteria	Marks	Weightage
1.	Research achievements	40	80%
2.	Teaching innovations and achievements	10	
3.	Capacity building of farmers and extension professionals	10	
4.	Research Publications	20	
5.	Books, manuals, bulletins, quality reference material	10	
6.	Awards and Honors/Recognition	10	
7.	Total marks	100	
	Weightage for Judging Committee		20%

1. Research Achievements

(Maximum marks – 40)

- New extension models developed and recognized at national level/ developed technologies with impact on largescale (State/National level) – 5 marks each (Maximum 20)
- Participatory Technology Development (PTD), Technology refined/package of practice developed and transferred to the farmers with large extent of coverage/Large scale success stories - 2 mark each
- New concepts/methodologies/tools and techniques developed - 1 mark each
- Success stories with impact on a large scale (State/National level). - 2 marks each
- Development of Value Chain/Model Village/Seed Village/Custom Hiring Centres/Climate Smart Village/Nutri-Smart Village/Contract Farming Arrangement etc., - 3 marks each
- Mobilized farmers for group action (formation of FIG/SHG/FPO/Growers Association/Community Seed Bank) - 1 mark each
- Software/Apps/Web resources developed - 2 marks each

Note: Developer (one) shall be awarded 100% marks, Co-developers (max two) 75% marks and associates 50% marks.

Documentary evidence should be enclosed for each of the product/technology claimed along with the extent of adoption of products and technologies and their impact on livelihood of farmers/commercial value and acceptance by clients/stakeholders.

2. Teaching innovations and achievements

(Maximum marks – 10)

- Must have taught 3 courses with a total 8 credit hour load during each academic year - 0.5 mark for each year of teaching with a cap of maximum 5 marks

- Innovative teaching methods applied - Development of e-course, Modules, Teaching Model, Case Studies - 1 mark each with a cap of maximum 3 marks
- New courses introduced – 1 mark each with a cap of maximum 2 marks
(Documentary evidence should be enclosed for each of the claim.)

3. Capacity Building of farmers and extension professionals (Maximum marks – 10)

- Organized CAFT/Summer/Winter School/Other training programmes of minimum 21 days' duration 1 mark each
 - Organised training courses with duration from 5 to less than 21 days for farmers /extension professionals 0.5 marks each
- Note:** Course Director will get 100% weightage and Coordinators will get 75% marks

(Documentary evidence should be enclosed for each of the claim.)

4. Research Publications (Maximum marks – 20)

Research publications will be given marks according to the NAAS score of Journals:

- Best twenty research papers (An applicant must identify 20 best research papers published in refereed journals for allocation of score according to current NAAS journal rating (latest). The sum total of NAAS score for 20 publications will be multiplied by 0.2 to obtain Marks).
- First author and corresponding author will get full marks in a publication and rest of the authors 75% marks.

(Documentary evidence should be enclosed for each of the claim.)

5. Books, training manuals, extension bulletins, quality reference material (Maximum marks – 10)

- Books/Monographs with ISBN number of minimum 100 pages published - Authored/ Edited. Award 1 Mark for each publication, if first author/editor or award 0.75 Mark for other authors with a cap of maximum 5 marks
- Book Chapters and Training Manuals – 0.5 Mark for each publication with a cap of maximum 3 marks.
- Popular articles/Extension folders – 0.25 Mark for each publication with a cap of maximum 5 marks
- Policy Papers/Policy Briefs – 0.5 Mark for each publication with a cap of maximum 2 marks.

(Documentary evidence should be enclosed for each of the claim.)

6. Awards and Honors/Recognitions

(Maximum marks - 10)

- Awards by ICAR, CSIR, DST, DBT, NRDC, Government Ministries etc. - 2 marks each
- National Level Institutional Awards - 2 marks each
- National and International level Professional Society and Academy (not covered above)
Awards/Recognition - 1 each limited to maximum 5 marks
- Recognition such as Member of Taskforce/Policy making bodies at Institute/Zonal/National level - 1 mark each limited to maximum 2 marks
- Recognition such as Member of IRC/RAC/IMC/BOM/Extension Council/Executive Council etc. at Institute/Zonal/National level - 0.5 mark each limited to maximum 1 mark
- Office bearer (President/Secretary/Joint Secretary/Treasurer) of National/International professional societies - 0.5 marks each limited to maximum 1 mark
- Chief editor/Editor of NAAS rated Journals - 0.5 marks each limited to maximum 1

(Documentary evidence should be enclosed for each of the claim.)