

Press Note

Professors Presentations during 62nd Convocation of ICAR-IARI, New Delhi 07.02.2024

The 62nd Convocation week (February 4-9, 2024) of ICAR–Indian Agricultural Research Institute, New Delhi started with academic fervor on 4th February, 2024. On 6th February, 2024 the presentations of the Professors representing different schools of the teaching discipline (Crop Improvement, Crop Protection, Natural Resource Management and Basic Sciences) were held about the significant achievements for the year 2023.

The forth day had presentations of the Professors representing different schools of the teaching discipline (Horticultural sciences and Social sciences) about the significant achievements for the year 2023.

The sessions were convened by Dr. Monika A. Joshi, Professor, SST and the co-convenor was Dr. Shruti Sethi, Principal Scientist, FS & PHT.

The session of the School of Horticultural Sciences was Chaired by Dr. Major Singh, Member (PS), ASRB, New Delhi. In this session the professors of the Divisions of Floriculture and Landscape Architecture, Fruit science, Post Harvest Management and Vegetable Science presented the achievements and salient features of the students' research. The researches of Floriculture and Landscape Architecture were carried out broadly on *In vivo* and *In vitro* Evaluation of Germplasm of Ornamental Crops for Abiotic Stress; Improvement of Flower Crops Using Tissue Culture Techniques; Production Technology of Ornamental Plants and Their Uses in Landscaping; and Micro-propagation of Flower Crops for Mass Multiplication. The issues for Fruit Sciences were pertaining to Genetical Studies and Characterization; Flowering and Pollination Studies; Mutagenesis Studies; PGRs, Abiotic Stress Management and Crop Production. Under post harvest management the major research focus was on Postharvest Management of Fresh Fruits and Vegetables; Processing of Horticultural Crops; and Processing of Arable Crops. For vegetable Science major focus on Genetic Diversity and Nutritional Studies; Biotic and Abiotic Stress Tolerance; and standardization of production system.

The session of School of Social Sciences was chaired by Dr. V.V. Sadamate, Former Advisor Agriculture, Planning Commission, New Delhi. The major research for agricultural economics focused on human-wildlife conflicts

in agriculture; Climate change vulnerability and risk management; Agricultural Markets and Value Chain; Institutional Innovations and Rural Livelihood. The researches of agricultural Extension were carried out Assessment of Government Centric Programmes, Schemes and Practices; Nutrition and Health; Entrepreneurship development; Innovations in Extension Systems; Media and ICT and other issues related to adaptation to climate change and natural disasters, Farmer-led conservation and improvement of crop genetic resources, and Migration behaviour of agricultural households in northern India. For Agricultural Statistics, bioinformatics and computer application the major focus on Design of Experiments; Sample Surveys; Statistical Modeling; Statistical Genetics; Whole Genome, Proteome, Metagenome Analysis; Artificial Intelligence, Machine Learning, Statistical Techniques in Bioinformatics; Decision Support System, Machine Learning, and Web-Mobile Based Application in Agriculture.

The recipient of XXIII Sukumar Basu Memorial Award was Dr. Y. S. Shivay, Professor and Principal scientist, Agronomy, ICAR- IARI specialization on Nutrient management and Rice-Wheat cropping system. He delivered his lecture on Zinc: Food and nutritional security. Dr. S.K. Chaudhari, DDG (NRM), ICAR chaired the award lecture session. Dr. Anupama Singh, Jt Director Education and Dean IARI convened the XXIII Sukumar Basu Memorial Award Lecture.

The Chairman of all sessions complimented the quality of post-graduate research and exhorted the professors to pursue in-depth analytical studies to generate quality information for the advancement of agricultural sciences.

Courtesy
IARI- Media Cell, New Delhi