

Press Note-Day 2, 59th ICAR-IARI Convocation

Presentation of "Significant Post Graduate Students Research" by Ph.D. students for "Merit Medals" and "Best Student of the Year" Award at 59th ICAR-IARI Convocation

The Second day of 59th ICAR-IARI Convocation week (Feb.7-11, 2021) started with the presentation of significant achievements by Ph.D. students on virtual mode which was streaming live on YouTube. The session was conducted under the chairmanship of Prof. B. D. Singh, Professor Emeritus, School of Biotechnology, BHU, Varanasi and Convener Dr. S.K. Jha, Professor, Division of Food Science & Post Harvest Technology. Dr. A. K. Singh, Director, ICAR-IARI, Dr. Rashmi Aggarwal, Dean & Joint Director (Education) welcomed the chairman and panel of jury members i.e., Dr. T. Janakiram, Vice Chancellor, Dr. Y. S. R. Horticultural University, West Godavari (AP), Dr. V. V. Ramamurthy, Ex Professor, Division of Entomology, IARI, New Delhi, Dr. V. C. Mathur, Ex Professor, Division of Agricultural Economics, IARI, New Delhi and Dr. P. Chandrasekhara Rao, former Dean, PJTSAU, Telangana.

Sixteen Ph.D. students made excellent presentation of their significant research achievements in virtual mode. The works included synthesis of ferrocenylchalcones and their evaluation against plant pathogenic fungi and root knot nematode (Agricultural Chemicals), a case study about the economics of soil and water conservation in drought prone areas of Karnataka (Agricultural Economics), ozone treatment for disinfestation of chickpea in storage conditions (Agricultural Engineering), impact analysis of social learning in agricultural system (Agricultural Extension), wheat yield prediction using remote sensing inputs with dynamic crop-weather models (Agricultural Physics), statistical techniques for tri-allele and tetra-allele cross experiments (Agricultural Statistics), development of robust methods for genomic selection (Bioinformatics), morphological and molecular characterization of rose genotypes and assessment of a subset of genotypes for their performance under coconut plantations (Floriculture and Landscape Architecture), morphogenetic characterization of kinnow mutants (Fruit Science), association mapping for key traits influencing phosphorous uptake and utilization efficiency in mungbean (*Vigna radiata* L.) (Genetics and Plant Breeding), developing plant growth promoting and methane oxidizing microbial inoculants for irrigated rice (Microbiology), understanding mustard-aphid interaction for development of aphid-resistance (Molecular Biology and Biotechnology), transcriptomic analysis of *Chaetomium globosum* Kunze for bioprospection of the antagonistic related gene(s) (Plant Pathology), quality seed production in cucumber (Seed Science and Technology), mobilization of soil iron to minimize iron deficiency chlorosis of soybean (*Glycine max* (L.) merr.) under ambient and elevated CO₂ and temperature conditions (Soil Science and Agricultural Chemistry) and mapping of *Fusarium* wilt resistance in watermelon germplasm and assessing their potential as rootstocks (Vegetable Science).

After student's presentation remarks were given by Prof. B. D. Singh, Chairman of session. He expressed that the research works carried out by the young generation were highly satisfying and reassuring. He congratulated all the presenters for their innovative work and excellent deliberation. Jury members also gave complements to all presenters for their outstanding presentations and also appreciated the efforts of chairman and scientists of all the divisions of IARI, New Delhi. The session ended with the vote of thanks by Convenor Dr S.K Jha.

