

Guest Lecture on Integrated Farming System Research by Dr. Amal Ghosh

A guest lecture on “Integrated Farming System Research” was organised on 24th August 2021 for the benefit of teachers, scientists, and students. Dr. Amal Ghosh, Principal Scientist, ICAR-Indian Agricultural Research Institute, New Delhi, explained the purpose of farming system research (FSR) as a comprehensive framework that views the farm in a holistic manner and considers interactions (between components and of components with the environment) in the system. He said that this type of research is most appropriately carried out by interdisciplinary teams of scientists, who, continuously interact with farmers in the identification of problems and in advising ways of solving them. It aims at generating and transferring technologies to increase the resource productivity for an identified group of farmers. The FSR focuses on the development of relevant and viable technology for small farmers by intriguing the full knowledge of the existing farming system.

He explained how the technology should be evaluated not solely in terms of its technical performance, but in terms of its conformity to the goals, need and socio-economic circumstances of the targeted small farm system with special reference to profitability and employment generation. He advised the research and extension efforts with a farming systems perspective have varying objectives ranging from increasing the body of knowledge about farming systems to solving problems in different farming situations. Dr. O.N. Singh, Hon’ble Vice Chancellor expressed that faculties from the various departments of the university should come forward in the implementation of new farming system models for the state of Jharkhand which will direct the way forward in empowering the socio-economic status and livelihood security of the small and marginal farmers. About 65 participants including scientists, teachers, students and NAHEP staff members attended the guest lecture.

