

ICAR-NAARM organises a Skill Development Training on Establishment of Bio Resource Center (BRC's) based Integrated farming systems (IFS) for sustainable livelihoods at Dr. K.L.Rao KVK, Garikapadu, AP

27.03.2026

A five-day Skill Development Training Programme on “Establishment of Bio Resource Center (BRC's) based Integrated farming systems (IFS) for sustainable livelihoods” was organized by ICAR–National Academy of Agricultural Research Management (NAARM), Hyderabad, under the Scheduled Caste Sub Plan (SCSP), in collaboration with Dr. K.L. Rao Krishi Vigyan Kendra (KVK), Garikapadu, NTR district, Andhra Pradesh, from 23rd March to 27th March 2026. The training programme aimed to enhance the livelihood security of rural farmers by promoting Integrated Farming Systems (IFS) and facilitating the establishment of Bio-Resource Centres (BRCs) by focussing on improving soil health, reducing dependency on chemical fertilizers, and encouraging sustainable and eco-friendly agricultural practices.

A total of 30 Scheduled Caste rural women and farmers from Anumanchapalli, Bimavaram, Pochavaram, Balusupadu, Takellapadu, and Muchintala villages of NTR district participated in the programme. Participants were trained in various bio-input production technologies such as Azolla cultivation, vermicomposting, enriched compost preparation, Jeevamrutham, and plant-based formulations. The programme also covered biofertilizers and microbial inoculants including Rhizobium, Azotobacter, Azospirillum, phosphate-solubilizing microorganisms, and blue-green algae. In addition, emphasis was laid on bio-liquid manures (e.g., Panchagavya), methods of application, recommended dosages, and best practices in biofertilizer usage. Further sessions addressed concepts of Integrated Farming Systems, nutrient recycling through farmyard manure (FYM), green manuring, compost enrichment techniques, crop residue management, and Integrated Crop Management (ICM) practices under natural and organic farming systems.

During the valedictory session, Dr. M. Ravi Kishore, Senior Scientist & Head, KVK Garikapadu, highlighted the significance of the programme and emphasized that the BRC–IFS model offers a sustainable and economically viable livelihood option with relatively low investment.

Dr. M. Suresh Kumar, Senior Scientist, ICAR-NAARM, elaborated on the objectives and implementation framework of the Scheduled Caste Sub Plan (SCSP) and motivated the participants to adopt IFS for enhancing income and nutritional security.

Dr. P. Supriya, Scientist, ICAR-NAARM, emphasized the role of scientific skill development in establishment of Bio resource centers and backyard poultry. She highlighted that the implementation of IFS can substantially enhance the income and living standards of small and marginal farmers through back yard poultry.

As part of the experiential learning component, participants visited various BRC units and gained practical insights into scientific management practices and entrepreneurial opportunities within IFS models. To support the adoption of BRC based IFS at the grassroots level, each participant was provided with essential inputs including poultry birds (two months old), drums for BRC establishment, mother cultures of biofertilizers, Azolla culture, bio-inputs, and vermicompost during the valedictory session.

The programme commenced with a welcome address and outlining the objectives of training programme by Dr. P. N. Siva Prasad, SMS (Crop Production) and Course Coordinator, KVK Garikapadu.



