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To
The Editor,
Sir,

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I request that the following message may kindly be published in your esteemed daily:

TNAU training on Plant Tissue Culture Techniques

Tamil Nadu Agricultural University is hosting a training on "Plant Tissue Culture Techniques," from December 9 to 13, 2024 at TNAU, Coimbatore. Plant tissue culture, an advanced biotechnological technique, is transforming agriculture, horticulture, and biodiversity conservation. The importance of this innovation was highlighted during the training session organized by the Centre for Plant Molecular Biology and Biotechnology. The event brought together scientists, academicians, and trainees from all over India, including Karnataka, Madhya Pradesh, Orissa, New Delhi, Kerala and Tamil Nadu to explore the vast potential of this technology.

The session began with a warm welcome address by Dr. E. Kokiladevi, Professor and Head, Department of Plant Biotechnology. In her remarks, she highlighted the transformative role of tissue culture in addressing global food security and sustainable crop production. Dr. N. Senthil, Director of the Centre for Plant Molecular Biology and Biotechnology, presented an overview of the training, emphasizing the applications of plant tissue culture in agriculture and industry and the shortage of trained manpower. A special address by Dr. R. Ravikesavan, Director of the Centre for Plant Breeding and Genetics, underscored the interdisciplinary collaborations essential for advancing biotechnological research.

Over 24 participants were introduced to hands-on techniques aimed at propagating high-yielding, disease-resistant crops. Over 30% of India's banana plantations, for instance, now rely on tissue-cultured plants for quality and uniformity. Globally, the tissue culture market is growing at 7.2% annually, reflecting its vital role in modern agriculture.

The event concluded with a vote of thanks delivered by Dr. S. Rajesh, Associate Professor in the Department of Plant Biotechnology, who acknowledged the involvement of the speakers and participants. The session not only disseminated knowledge but also inspired trainees to harness the power of plant tissue culture for sustainable agricultural practices.

This innovative technique continues to bridge science and sustainability, ensuring a greener and more secure future for global agriculture.

Public Relations Officer