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To
The Editor,
Sir,

Date: 19.06.2026

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

TNAU organized training programme on

“High-Performance Thin-Layer Chromatography (HPTLC)”

A one-day training programme on “High-Performance Thin-Layer Chromatography (HPTLC)” was jointly organized by the Department of Plant Biotechnology, CPMB&B, and COXBIT, Tamil Nadu Agricultural University, Coimbatore, on 19 June 2026 at COXBIT, TNAU, Coimbatore. The students from various departments of Tamil Nadu Agricultural University participated in this training programme.

Dr. E. Kokila Devi, Professor and Head, Department of Plant Biotechnology, CPMB&B welcomed the Dignatories and participants of the training. She delivers the importance of using HPTLC for analyzing valuable compounds in the crop species.

Dr. N. Senthil, Director of CPMB&B highlighted the significance of improvement in thin layer chromatography and its significant use/advantages in plant research. He also mentioned training students pursuing masters and Doctoral studies will aid in attaining fruitful results in their research. The new methods can be developed for identification of novel compounds from spices/ plantation crops and the compounds conferring resistance to disease and pests. The HPTLC is a cost-effective method compared to LCMS&MS and the main advantage is handling of multiple samples in every single analysis, he added.

Mr. Ashish Bansod, Director, Aspire Scientific, Nagpur, India mentioned about the scientific improvements over conventional thin layer chromatography. HPTLC is a cost-effective method which documents the results using multivariant photo document system and it can handle various number of samples. The main advantage of TLC is producing visible spots on the plate for multiple samples and it is mainly used in forensic analysis and the research with minimum experimental materials.

Dr.K.Venkaetesan, Dean (Horticulture), Tamil Nadu Agricultural University, Coimbatore, in his presidential address asked the students to make use of the advanced techniques for the research on identification of contaminants in the environment, novel antioxidant/ pigments in spices and plantation crops. Also, he mentioned about the usage of HPTLC in quality analysis of the agricultural products.

Dr. L. Arul, Professor and Head, Department of Plant Molecular Biology and Biotechnology, CPMB&B proposed vote of thanks. It is followed by the technical sessions in which the resource persons will explain about the applications of HPTLC in plants and the comprehensive fingerprinting multiwavelength analysis for handling multiple samples.

Public Relations Officer