

"Volatilomics – A key to understand plant-microbe interactions and stress management in crop plants for greener tomorrow"



1.2.2024

1, February 2024 – 10, February 2024

Inauguration of ICAR Short course 2023



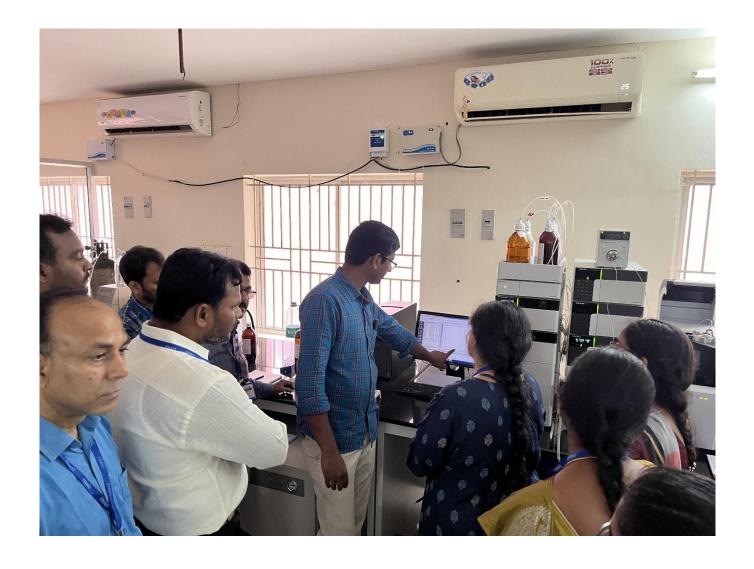
Group photo with the ICAR Short course trainees



Release of ICAR Short course practical manual by the delegates



Theory lecture on "mVOC mediated interaction of rhizobial and non-rhizobial endophytes (NREs) for enhanced nodulation and crop yield" by Dr. U. Sivakumar



Practical session by ICAR short couse trainees





Theory lecture on "The fascinating below ground talk about stress resilience in plant and soil microbes" by Dr. Anukool Vaishnav

Theory lecture on "Rhizosphere engineering and biostimulants for achieving SDGs" by Dr. Anukool Vaishnav

Day 3



Practical session on Data acquisition and results discussion for mVOCs collection from microbes

Day 5





5.2.2024

Practical session by ICAR short course trainees



Theory lecture on "Role of mVOCs in Quorum quenching and cell to cell communication" by Dr. R. Anandham

Day 6

6.2.2024



Gala Dinner and Interaction with Honarable Vice Chancellor Dr.V.Geethalakshmi



Practical session by ICAR short course trainees





Theory lecture on "Functional genomics of plant volatile metabolism: Techniques and strategies with some case studies" by Dr. Dinesh A Nagegowda





Theory and Practical session on "Mycorrhizal induced plant volatile mediated above ground signalling on plant defense against herbivorous insect infestation" by Dr. S.Anandakumar and Dr. Sentamilselvi





Theory lecture on "Navigating the available softwares and analysis tools for metabolite analysis" by Dr. TCK. Sugitha

Theory lecture on "Virtual reality and augumented reality" at PS & IT, TNAU, Coimbatore

Valedictory of ICAR Short course

Feedback by ICAR Short course trainees







































