

Day 1



ICAR-Short course in

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

1, February 2024 – 10, February 2024



1.2.2024

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 course 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



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



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



Gala Dinner and Interaction with Honorable 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 augmented reality” at PS & IT, TNAU, Coimbatore

Feedback by ICAR Short course trainees



Day 10

Certificate distribution to ICAR Short course trainees

10.2.2024



