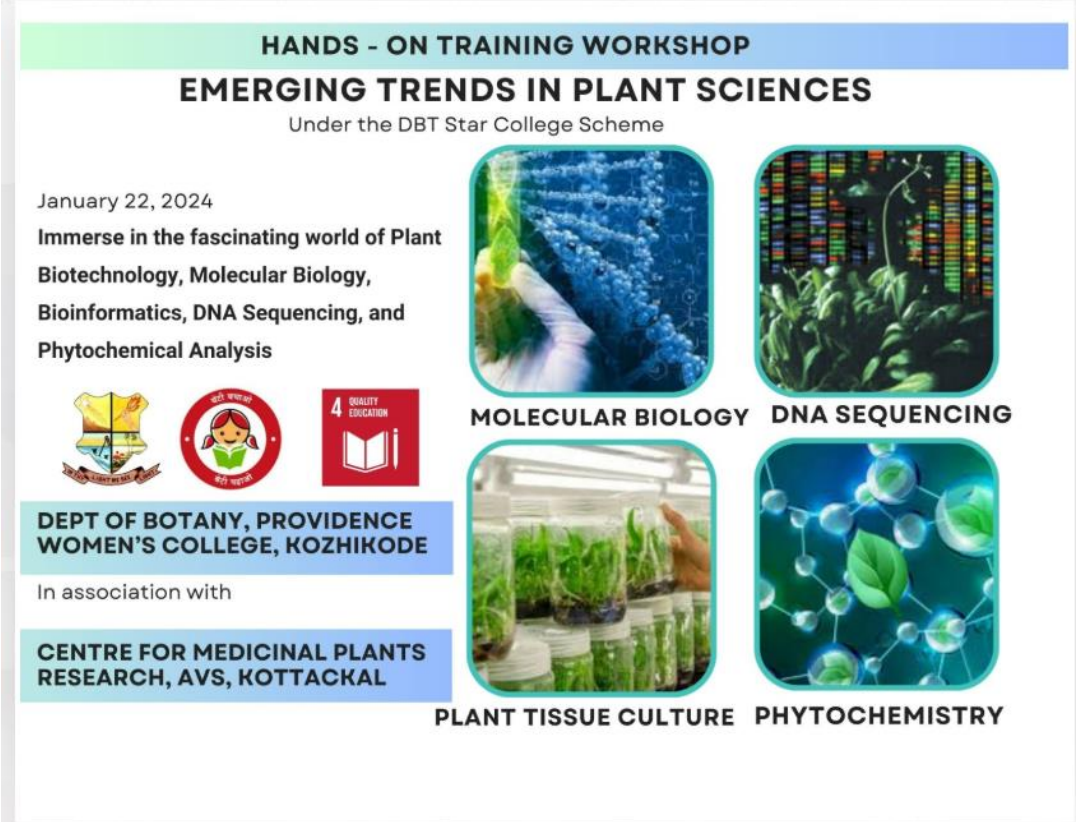
Report on **Hands-on Training Workshop on Emerging Trends in Plant Sciences on January 22/01/2024**



Report on **Hands-on Training Workshop on Emerging Trends in Plant Sciences**

Organized by Department of Botany, Providence Women, s College, Kozhikode in collaboration with Arya Vaidya Sala, Kottakkal.

Number of participants benefited:13

Hands-on Training Workshop on Emerging Trends in Plant Sciences

The Department of Botany, in collaboration with Arya Vaidya Sala, Kottakkal, conducted a comprehensive hands-on Training Workshop on Emerging Trends in Plant Sciences. The workshop aimed to provide participants with in-depth, practical exposure to the latest advancements in plant sciences, including biotechnology, molecular biology, bioinformatics, and DNA sequencing.

Experts from Arya Vaidya Sala, Kottakkal, demonstrated key molecular biology techniques such as PCR (Polymerase Chain Reaction), gene expression analysis, and protein analysis through detailed practical demonstrations and lab sessions. Participants gained both fundamental and advanced skills in emerging technologies relevant to plant science research.

The workshop also covered DNA sequencing, PCR techniques, and the applications of biotechnology and molecular biology in plant science and Ayurvedic research. Additionally, computational tools for analyzing biological data were featured, including genome sequencing, gene annotation, and phylogenetic analysis. Participants engaged in hands-on exercises using bioinformatics software, enhancing their practical knowledge in data analysis.

This workshop provided an invaluable learning experience, bridging the gap between theoretical knowledge and practical application in emerging fields of plant science.

HANDS ON TRAINING WORKSHOP

EMERGING TRENDS IN PLANT SCIENCES

(UNDER DBT STAR COLLEGE SCHEME)

22/01/2024

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