

One Day Workshop to impart Hands-on Training on Energy Dispersive X-ray Fluorescence Spectrophotometry under FPT Journal Club

Various activities are being organised under FPT Journal Club including seminar, daily quiz, lectures, etc. In this series already seminars on different topics were organized last week and a one-day hands-on training workshop was conducted on Energy Dispersive X-ray Fluorescence (EDXRF) spectrometer on October, 10, 2024 at the College of Food Processing Technology and Bioenergy, Anand Agricultural University.

Dr. Hridyesh Pandey, Head FPT, introduced the expert Mr. Amit Kumar, Application Specialist, from Malvern Panalytical, Aimil Ltd. New Delhi to the participants. He delivered an insightful lecture during the first half, focusing on the working principles of EDXRF, sample preparation techniques, and its wide-ranging applications.

In the afternoon session, the expert demonstrated the functionality of the EDXRF instrument, where the experts showcased how to develop new methods for analyzing samples with high resolution and sensitivity. Students had the opportunity to perform hands-on analysis of their own samples, gaining practical experience in using the instrument. The interactive session allowed participants to engage with the experts on the advantages, limitations, troubleshooting, and practical challenges associated with XRF.

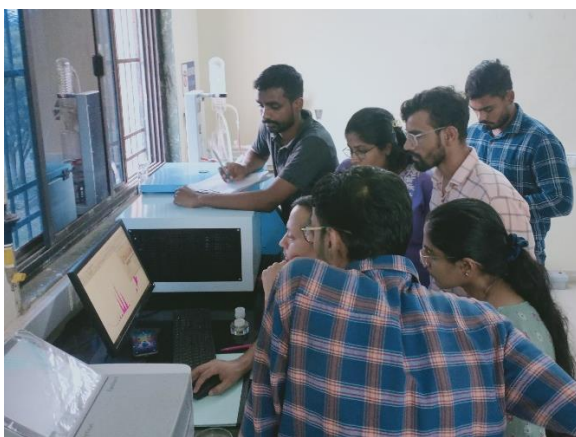
Earlier, last Saturday seminars were conducted on “Irradiation of Food” and Space Food: Challenges and Innovations” and presentation made by Mr. Laxmikant Ghuge and Ms. Suruchi Kumari, respectively.

Mr Gughe elaborated on principles and applications, benefits of irradiation including extended shelf life, reduced microbial load, and preserved nutritional value. Ms Suruchi explored the fascinating realm of space food with its unique challenges like microgravity, packaging, and nutrition etc..

Glimpses of the activities



FPT Journal Club Seminar on 05th October, 2024 at Seminar Room College of FPTBE



FPT Journal Club Hands on Training on XRF 10th October, 2024 at Department of FPT, College of FPTBE