



CSIR Integrated Skill Initiative Skill Development Program On “Chemical and Advanced Instrumental methods of Analysis”

CSIR Central Glass and Ceramic Research Institute have organized a four-day (2nd January to 5th January, 2024) skill development training programme on “**Advanced Training on Principle and Application of UV-Vis Spectrophotometer, Atomic Absorption Spectrophotometer, ICP-AES and Ion Meter related to characterization of Glass, Ceramic and allied materials**” in the Analytical Chemistry Section of Advanced Materials and Chemical Characterization Division (AMCCD). Sixteen science undergraduate students have participated in the training programme. The training program started with lectures encompassing theoretical basis of classical analysis of glass ceramics and allied materials, ICP-OES, UV-Visible spectroscopy, ion selective electrode etc followed by laboratory sessions. Students were given hands on experience on classical analysis procedure routinely followed for analysis of glass, ceramics, and allied samples. Students were further demonstrated analysis of trace titanium and iron in glass samples by UV-Visible spectroscopy and ICP-OES technique. They were also introduced to ion selective electrode potentiometry. The program ended with an interactive cum assessment session. Finally, they were awarded by Training Certificates followed by Group Photos.

Some glimpses of the training program are displayed in the following column.









