



CSIR Integrated Skill Initiative Skill Development Training Programme

28th – 30th October 2024

Instrumental Methods for Chemical Characterization of Ceramic Materials and Testing & Calibration Techniques Related to Temperature Measurement and Control



CSIR-CGCRI Skill Development Training Centre
196 Raja S. C. Mullick Road, Kolkata 700 032

Schedule for Skill Development Training Program

28th to 30th October, 2024

28.10.2024, Monday

Time	Events
10:00 hr - 11:30 hr	Inaugural Session
11:30 hr-14:00 hr	BATCH-1: Basic principles and application of ICP-AES for determination of chemical constituents of glass, ceramic raw materials and products. BATCH 2: Basic principles of temperature control system, operation and programming of PID controller, testing of temperature control panel.
14:30 hr - 17:00 hr	BATCH-1: Basic principles of temperature control system, operation and programming of PID controller, testing of temperature control panel. BATCH-2: Basic principles and application of ICP-AES for determination of chemical constituents of glass, ceramic raw materials and products.

29.10.2024, Tuesday

Time	Events
10:30 hr -14:00 hr	BATCH-1: Basic principle and application of UV-Visible Spectrophotometer and pH- Ion Selective Electrode. BATCH-2: Calibration of Thermocouple - Basic principles and techniques.
14:30 hr - 17:00 hr	BATCH-1: Calibration of Thermocouple : Basic principles and techniques. BATCH 2: Basic principle and application of UV-Visible Spectrophotometer and pH Ion Selective Electrode .

30.10.2024, Wednesday

Time	Events
10.30 hr -12.30 hr	MCQ based Assessment
14.00 hr- 15.00 hr	Lab Visit
15.00 hr - 16.00 hr	Interaction with students and feed back