

***As a part of Platinum Jubilee celebration of
CSIR-CGCRI***

21st to 23rd May 2025

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

Kolkata



196 Raja S. C. Mullick Road, Kolkata 700 032

Schedule for Skill Development Training Program

21st to 23rd May 2025

Time	Events
DAY 1: 21.05.2025, Wednesday	
10:00 h – 11:30 h	Inaugural Session
11:30 h-14:00 h	BATCH-1: Basic principle and application of ICP-OES, UV-Visible Spectrophotometer and pH- Ion Selective Electrode. BATCH-2: Calibration of Thermocouple - Basic principles and techniques.
14:30 h – 17:00 h	BATCH-1: Classical chemical analysis & 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.
DAY 2: 22.05.2025, Thursday	
10:30 h -14:00 h	BATCH-1: Classical chemical analysis & 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 h – 17:00 h	BATCH-1: Calibration of Thermocouple : Basic principles and techniques. BATCH 2: Basic principle and application of UV-Visible Spectrophotometer and pH Ion Selective Electrode .
DAY 3: 23.05.2025, Friday	
10:30 h -12:30 h	BATCH-1: Basic principles and application of Atomic absorption spectroscopy (AAS) for measurement of trace elements in glass ceramics and allied samples. BATCH 2: Basic Instrumental measurement and techniques
13:00 h – 15:00 h	BATCH-1: Basic Instrumental measurement and techniques BATCH 2: Basic principles and application of Atomic absorption spectroscopy (AAS) for measurement of trace elements in glass ceramics and allied samples.
15:00 onwards	Assessment and certificate distribution