

Syllabus for Pottery Ceramic PGQP74 (vi)

- History of Pottery & Ceramic
- Clay(processes and types)
- Plaster of Paris
- Terracotta and Ceramics (processes and types)
- Mixed Media Ceramic sculpture,
- Functional Pottery and Sculptures and Major Indian potter and their works. Introduction to the common raw materials used in Ceramic-Pottery like Red Clay, China clay, Fire clay, quartz and Feldspar etc.
- Introduction to the common materials used for glaze and engobe.
- Study of shrinkage, temperature plasticity and porosity.
- Simple country made furnace and principal of firing.
- Basic idea of ceramic chemistry.
- Study of materials for earthen-ware and stone-ware clay bodies and glaze materials under different temperatures.
- Introduction to the utility of different oxides.
- Introduction to high temperature kiln (up-draught kiln, electric muffle kiln and wood furnace.
- Special study of ash glaze, feldspathic glaze, reduction glaze, salt glaze, slip glaze and stone-ware glaze.