

## Syllabus for Textile Design PGQP74 (xvi)

- History of textile
- Revolution in Textile after Independence
- Folk & Traditional textiles of India
- Woven Textile, Printed textile, embroidered textile & Painted textile, Loom conventional and modern (types of process)
- Motions of loom
- Preprocess of loom, Dobby, Jacquard, classification of fiber & amp
- Yarn: Natural and Manmade
- Fiber Identification
- Yarn construction
- Cover factor
- Weaving Calculation
- Direct and Indirect system of Yarn numbering.
- Count calculation of reed & heald,
- Count calculation of folded yarn,
- Classification of fabric: woven, knitted and non-woven,
- Classification of Weave: Basic weave and advance weave,
- Types of salvages, cloth analysis, weaving analysis,
- Cost Estimation of fabric,
- Printing techniques: direct, indirect, resist devour & discharge
- Printing process
- Classification of dyes their properties
- Application of dyes on Fiber, Hank & fabric
- Dyeing machineries
- Pre and Post dyeing & printing process
- Resist dyeing process
- Fastness properties of dyes
- Colour forecasting
- Computer added textile design
- Contemporary innovations in Textile
- General Awareness in Textile, Textile Artists, Textile events.