

Syllabus for PhD Admission Test 2021-22 :Dept of Printing Engg

Departmental

BE Printing syllabus

1. Printing Processes – Screen, Offset, Flexo& Gravure, Digital Printing
2. Printing Material Science
3. Packaging Techniques
4. Colour Reproduction
5. Paper Technology
6. Prepress and Graphics
7. Image Processing
8. Quality Control in Printing
9. Basics of Programming
10. Post Press Operations
11. Ink Technology

Research methodology

1. Type of researches
2. Steps in sample design and sample selection criteria
3. Measurement scales, method of paired comparison
4. Sources of measurement error
5. Test of validity, reliability, practicality, etc.
6. Observation method, interview method and other methods of primary data collection
7. Data processing operations
8. Central limit theorem
9. Hypothesis testing of mean
10. Chi-square test of variance comparison
11. Basic principle of ANOVA
12. Interpretation techniques and precautions of interpretation
13. Steps of report writing