

*Department of Printing Technology ,
New Arts, Commerce and Science College, Ahmednagar(Autonomous)*

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce, and Science College
Ahmednagar (Autonomous)
(Affiliated to Savitribai Phule Pune University, Pune)



National Education Policy (NEP)
Choice Based Credit System (CBCS)

Programme Framework and Syllabus for
Skill Enhancement Courses: B.Voc. Printing Technology

Implemented from

Academic Year 2024-25

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
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Introduction of Skill Enhancement Courses: B.Voc. Printing Technology

**Skill Enhancement Courses: Framework and Course Distribution:
Subject: B.Voc. Printing Technology**

Sr. No.	Year	Semester	Level	Course Type	Course Code	Title	Credits
1.	I	II	5.0	SEC-01	SEC-BVC 01P	Laboratory on Screen Printing	02
2.	II	III	5.5	SEC-02	SEC-BVC 02P	Laboratory on Sheet-fed Offset Printing Process	02
3.	II	IV	6.0	SEC-03	SEC-BVC 03P	Laboratory on Basic Packaging Technology	02
Total							08

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Skill Enhancement Courses: B. Voc. Printing Technology

Title of the Course: Laboratory on Screen Printing								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
SEC-01	SEC-BVC 01P	00	02	02	30	15	35	50

Learning Objectives:

1. Screen printing is an effective technique for creating bold canvases, posters and artwork, but the method can also be used to print fabrics and textiles, so it's great for creating all sorts of custom clothing and products.
2. Prepare screen printing image carrier by direct, indirect photographic methods.
3. Demonstrate the use of different photographic films for mesh preparation according to image.
4. Produce different printed samples for various substrates like fabric, glass, acrylic, wood by selecting suitable inks & coatings for that material.
5. Produce & analyze a halftone dot image generated for four color printing and registration of color.
6. Analyze the common faults in Screen Printing Proces

Course Outcomes (Cos)

1. Demonstrate the ability to design, plan and create technically sound and conceptually related screen printed images.
2. Use creative and critical thinking to develop a body of work from a broad, unified concept or theme.
3. Reflect on the role of socially engaged practice within the discipline of print making.

Detailed Syllabus: Example

Assignment 1	Introduction of Screen Printing	12 Hrs.
a) Study of screen printing equipment and materials. b) Screen Frame Making c) Determining optimum exposure for various stencil methods.		
Assignment 2	Screen Printing Principals	16 Hrs.
a) Screen preparation and printing by direct method. b) Screen preparation and printing by indirect method. c) Manual Registration Method		

Assignment 3	Substrates and Techniques	12 Hrs.
<p>a) To print single color image by screen printing on paper b) To print two color image by screen printing on paper</p>		
Assignment 4	Different Substrate	10 Hrs.
<p>a) Product printing: Visiting card, Letterhead, Office File, Pen, Envelope b) Textile - T-Shirt, Nonwoven. c) Glass Printing, Wood Printing</p>		
Assignment 5	Machines in Screen Printing	10 Hrs.
<p>a) Print On Flexiable Substrate b) Maintenance of allover Screen c) Four Colour Printing with proper Registration</p>		

Suggested Readings/Material:

Sr. No	Title	Author	Publisher
1	Silkscreen Masters	Rieber	Kendar publishers
2	Art and Production	J.N. Noinda	Nitin publishers
3	Screen Printing B. D. Mendiratta	B. D. Mendiratta	