



Diploma in Printing Technology

Syllabus Document



EFFECTIVE FROM ACADEMIC YEAR 2021-22

Program Vision

On completing a three year program, the students will be awarded the Diploma In Printing Technology. Through this program students will learn all the basic processes of Printing technology including pre-press process and post press process. Students with Diploma in Printing Technology are in regular demand in industries like newspaper printing press, commercial printing press, package printing press, government printing press, security printing press, publishing houses etc. They are placed initially at various positions like Supervisor , Technical officer, Production Assistant, Marketing Executive etc depending upon the nature of organization.

Program Outcome

a) Basic Knowledge/Skills

Get basic knowledge of communication technique, operating computer for regular work, entrepreneurship strategy etc; knowledge of Physics, Chemistry, Applied Mathematics relevant to Printing Technology; general technical knowledge of engineering subjects like Mechanical, Electrical and Electronics, Information Technology etc.

b) Technical Knowledge/Skills

- Graphic designing
- Desktop Publishing work
- Knowledge and operation of software used in Printing and Publishing
- Image reproduction techniques
- Printing material science and quality testing
- Various printing processes and its machinery operation
- Specialty and Security printing
- Post printing finishing work
- Estimating and costing
- Printing Quality control

c) Software Skill and Project Skills

Knowledge of general software, operating computers for regular work; knowledge and operation of software used in Printing and Publishing like Graphic Designing software, Photo editing software, DTP/Typesetting, and other utility software. Students will get knowledge and operation of Page Maker, Corel Draw, Photoshop, Adobe In -design, Adobe Illustrator etc

Credit Scheme

Semester I						
S. No.	Subject Code	Course Titles	Hours/week			Total Credits
			Lecture	Tutorial	Practical	
1	PT-HS101	Face The World Skill I	-	-	-	3
2	PT-HS102	English Communication - I	2	0	0	2
3	PT-HS103	Sports & Yoga	0	0	2	1
4	PT-FC101	Applied Mathematics - I	3	1	0	4
5	PT-FC102	Basic Engineering Graphics	0	0	6	3
6	PT-FC103	Introduction to Printing Process	3	0	3	4.5
7	PT-PC101	Desktop Publishing	3	0	3	4.5
8	PT-AU101	Workshop Project (non-credit)	0	0	2	0
TOTAL			11	1	16	22

Semester II						
S. No.	Subject Code	Course Titles	Hours/week			Total Credits
			Lecture	Tutorial	Practical	
1	PT-HS201	Face The World Skill II	-	-	-	1
2	PT-HS202	Eng Communication -II	-	-	2	1
4	PT-FC201	Basic Sciences	4	-	2	5
5	PT-FC202	Diploma sub 1/Introduction To Computer	2	-	2	3
6	PT-FC203	Sub 2:Graphic Design	3	-	3	4.5
7	PT-PC201	Image Reproduction Technology	3	-	3	4.5
TOTAL			12	-	12	19

Note: An Industrial visit should be arranged for the students on any day during the II semester to get the exposure of equipment and its working process. There will be no Credit point for this. Industrial Training I : Students shall undergo 2-3 weeks of Industrial training in the Printing press/allied industry after II semester. On completion of training they have to prepare a training report, daily dairy and submit feedback report given by the training provider etc. During the evaluation in III sem, the students are required to submit the above reports along with appearing for a viva-voce.