

New Curriculum for Bachelor in Printing Engineering
Department of Printing Engineering

FIRST YEAR FIRST SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Hum/T/A/111	Humanities-A	3	0	3	100	
PRN/Math/T/112	Mathematics-IR	3	0	3	100	
PRN/PE/T/113	Engineering Mechanics	3	0	3	100	
PRN/CSE/T/114	Programming Language	3	0	3	100	
PRN/T/115	Printing Techniques	3	0	3	100	
Ph/T/1C	Physics-IC	3	0	3	100	
PRN/CSE/S/111	Programming Language Laboratory	0	3	3		100
PRN/S/112	Printing Engg Drawing	0	4	3		100
PRN/S/113	Printing Techniques Lab	0	3	3		100
PRN/PE/S/114	Workshop Practice	0	3	3		100
	Sub - Total			30	600	400
	Total				1000	
FIRST YEAR SECOND SEMESTER						
PRN/MATH/T/121	Mathematics -IIR	3	0	3	100	
PRN/PE/T/122	Strength Of Materials	3	0	3	100	
PRN/PE/T/123	Electrical Technology	3	0	3	100	
PRN/T/124	Graphic Reproduction	3	0	3	100	
PRN/T/125	Digital Typesetting	3	0	3	100	
PRN/IEE/T/126	Electronics	3	0	3	100	
PRN/PE/S/121	Electrical Technology Lab	4	0	3		100
PRN/PE/S/122	Machine Shop	3	0	3		100
PRN/S/123	Graphic Reproduction Lab	3	0	3		100
PRN/S/124	Digital Typesetting Lab	3	0	3		100
	Sub-Total			30	600	400
	Total				1000	

SECOND YEAR FIRST SEMESTER						
PRN/Math/T/211	Mathematics –IIR	4	0	3	100	
PRN/T/212	Paper Technology	3	0	3	100	
PRN/T/213	Mechanism	3	0	3	100	
PRN/CSE/T/214	Computational Studies	3	0	3	100	
PRN/T/215	Printing Electronics	3	0	3	100	
PRN/T/216	Printing Material Sc-I	3	0	3	100	
PRN/IEE/S/211	Electronics Laboratory	0	3	3		100
PRN/S/212	Graphic Design & Layout Lab.	0	4	3		100
PRN/CSE/S/213	Numerical Analysis & Programming Lab.	0	3	3		100
PRN/S/214	Screen Process Printing Lab.	0	4	3		100
	Sub Total			30	600	400
	Total				1000	
SECOND YEAR SECOND SEMESTER						
PRN/Math/T/221	Mathematics-IVR	4	0	3	100	
PRN/T/222	Printing Machine Design	3	0	3	100	
PRN/T/223	Environmental Sciences	3	0	3	100	
PRN/T/224	Packaging Techniques-I	3	0	3	100	
PRN/T/225	Printing Material Science-II	3	0	3	100	
PRN/T/226	Printing Surface Preparation	3	0	3	100	
PRN/S/221	Printing Machine Design & Drawing Lab.	0	3	3		100
PRN/S/222	Mechanical System Lab.	0	3	3		100
PRN/S/223	Printing Surface Preparation Lab.	0	4	3		100

PRN/S/224	Electronic Publishing System Lab.	0	3	3		100
	Sub-Total			30	600	400
	Total				1000	
THIRD YEAR FIRST SEMESTER						
PRN/CSE/T/311	Data Base Management System	0	3	3	100	
PRN/T/312	Fluid Mechanics	0	3	3	100	
PRN/T/313	Offset Printing Machines	0	3	3	100	
PRN/T/314	Color Science & Engineering	0	3	3	100	
PRN/T/315	Packaging Techniques II	0	3	3	100	
PRN/T/316	Flexo & Gravure	0	3	3	100	
PRN/CSE/S/311	Data Base Management System Lab	0	3	3		100
PRN/S/312	Sheet Fed Offset Printing Machines Lab	0	4	3		100
PRN/S/313	Color & Tone Reproduction Lab	0	4	3		100
PRN/S/314	Packaging Techniques Lab	0	3	3		100
	Sub-Total			30	600	400
	Total				1000	
THIRD YEAR SECOND SEMESTER						
PRN/CSE/T/321	Microprocessors	3	0	3	100	
PRN/T/322	Estimating and Costing	3	0	3	100	
PRN/T/323	Control Application in Printing	3	0	3	100	
PRN/T/324	Digital Imaging	3	0	3	100	
PRN/T/325	Planning and Finishing	3	0	3	100	
PRN/T/326	Ink Technology	4	0	3	100	
PRN/CSE/S/321	Microprocessors and Control Lab.	0	3	3		100

PRN/S/322	Digital Imaging Lab	0	3	3		100
PRN/S/323	Flexo and Gravure Lab.	0	4	3		100
PRN/S/324	Planning and Finishing Lab.	0	3	3		100
	Sub-Total			30	600	400
	Total				1000	
FOURTH YEAR FIRST SEMESTER						
PRN/CSE/T/411	Computer Graphics	3	0	3	100	
PRN/T/412	News Paper Printing Tec	3	0	3	100	
PRN/T/413	Nonimpact Printing	3	0	3	100	
PRN/T/414	Elective - I	3	0	3	100	
PRN/CSE/S/411	Computer Graphics Lab	0	3	3		100
PRN/S/421	Seminar	0	3	3		100
PRN/S/413	Web Offset Lab	0	4	3		100
PRN/S/414	Project-I	0	4	3		100
	Sub-Total			12+12	400	400
	Total				1000	
FOURTH YEAR SECOND SEMESTER						
PRN/CSE/T/421	Data Communication & Networking	3	0	3	100	
PRN/T/422	Industrial Management	4	0	3	100	
PRN/T/423	Quality Control in Printing Industry	3	0	3	100	
PRN/T/424	Elective-II	3	0	3	100	
PRN/S/421	General Viva Voce	0	0	0		100
PRN/S/422	Material Testing & Quality Control Lab	0	4	3		100
PRN/S/423	Digital Image Processing Lab.	0	4	3		100
PRN/S/424	Data Communication & Networking Lab	0	3	3		100
PRN/S/425	Project-II	0	3	3		100
	Sub-Total			12+12	400	500
	Total				900	

Total Credit Point for the course = $30 \times 6 + 24 \times 2 = 228$.