

Non-HSS Elective Courses 112

Sr. No.	Course No.	Course Title	Credits L-T-P-C	Instr	2 nd sem	4 th sem CS	4 th sem EE	4 th sem ME	6th sem CS	6th sem EE	6th sem ME
1	MA202	Probability and Random Processes	3-0-0-3	S. Azad		C	C	E			
2	CS350	Computer Graphics	1-0-3-3	GG					E		
3	CS501	Access Network	3-0-0-3	AS					E	E	
4	EE501	Power System Operation & Control	3-0-0-3	TJ						E	
5	EE502	Analog System Design Lab	0-0-3-2	GH & TJ						E	
6	EE307	Theory of Measurements	3-0-0-3	BTH					E	E	C
7	ME351	Management of Manufacturing & Logistics Systems	3-0-0-3	NS					E	E	C
8	ME352	Finite Element Methods in Engg.	3-0-0-3	RK						E	E
9	ME353	Electronic Materials and their Applications	3-0-0-3	RV		E	E	E	E	E	E
10	ME354	Science & Technology of Thin Films	3-0-0-3	AD		E	E	E	E	E	E
11	MA460	Nonlinear Dynamics and Chaos	3-0-0-3	NK					E	E	E
12	PH341	X-rays as a Probe to Study the Material Properties	3-0-0-3	BR					E	E	E
13	PH342	Laser Science and Applications	3-0-0-3	SKP					E	E	E
14	PH343	Photonics	3-0-0-3	PP					E	E	E
15	CY344	Food Chemistry: Processing, Preservation and Storage	3-0-0-3	SG					E	E	E
16	CY342	Nanoscience: Understanding Small Systems	3-0-0-3	AC					E	E	E
17	CS592	Topics in SNMP and Network Management	2-0-0-2 Directed Self Study	TAG					E	E	
18	CS592	Selected Topics in Bio-Informatics	2-0-0-2	Guest Instructor					E	E	
19	PH602	Quantum Theory of Electrons in Solids	3-0-0-3	AT	MS/PhD				E	E	E
20	CS547	Network Management Systems	3-0-0-3 Directed Self Study	TAG	MS/PhD						
21	CY641	Polymer Synthesis	3-0-0-3	KG	MS/PhD						
22	MA641	Operations Research		MT	PhD Math						
23	MA651	Optimization Techniques	3-0-0-3	MT	MS/PhD				E		
24	MA608	Computational Fluid Dynamics	3-0-0-3	RR	MS/PhD						E

HSS Workshops (Registration for these will be done later)

HS591	Journalism	15 contact Hours (1 credit)	Shailaja Bajpai (Indian Express)	All B.Tech April 5-9, 2012						
HS591	Principles of Financial Accounting	15 contact Hours (1 credit)	Mahim Sagar (IIT Delhi)	All B.Tech April 5-9, 2012						
HS591	Principles of Organizational Management	15 contact Hours (1 credit)	Invited Speaker	All B.Tech April 5-9, 2012						