

Class-wise Course List 112 (Structure)

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	6 th sem CS	6 th sem EE	6 th sem ME
1st Year (2nd Semester)										
MA102	Mathematics II	2-1-0-3	SA	C						
EE101	Basic Electrical Engg.	3-0-0-3	AJ	C						
EE101P	Basic Electrical & Electronics Lab	0-0-3-2	AJ & SM	C						
EE102(NKN)	Introduction to Electronics	3-0-0-3	SM LC: BSR	C						
ME104	Engineering Thermodynamics	3-2-0-5	AK	C						
CS101	Introduction to Computing	3-0-0-3	TAG	C						
CS101P	Introduction to Computing Lab	0-0-3-2	SB, MT, PCR, PJ	C						
HS	HSS Course	3-0-0-3	Various	C						
2nd Year (4th Semester) CSE										
IC201	Design Practicum	0-0-6-4	RK		C	C	C			
HSS	HSS Course	3-0-0-3	Various							
MA202	Probability and Random Processes	3-0-0-3	S. Azad		C	C	E			
CS203	Discrete Structures	3-0-0-3	GG		C					
CS204	Introduction to Database	3-0-0-3	AKS		C					
CS206	Computer Networks	3-0-0-3	AS & AKS		C					
2nd Year (4th Semester) EE										
IC201	Design Practicum	0-0-6-4	RK		C	C	C			
HSS	HSS Course	3-0-0-3	Various							
MA202	Probability and Random Processes	3-0-0-3	S. Azad		C	C	E			
EE201	Electromechanics	3-0-0-3	BSR			C				
EE201P	Electromechanics Lab	0-0-2-1	BSR			C				
EE202	Analog Electronics	3-0-0-3	GH			C				
EE202P	Analog Electronics Lab	0-0-3-2	GH & TJ			C				
EE204	Signals and Systems	3-0-0-3	AKS			C				
2nd Year (4th Semester) Mech Engg										
IC201	Design Practicum	0-0-6-4	RK		C	C	C			
HSS	HSS Course	3-0-0-3	Various							
ME209	Dynamics	2-2-0-4	BNB				C			
ME210	Fluid Mechanics	3-1-0-4	AB				C			
ME211	Analysis and Synthesis of Mechanisms	3-2-0-5	VSC				C			
Available Electives for Overload: MA202: - 3 ME352/ME353/ME354/MA460 – 3 CY244/CY342 /PH342 – 3 PH341/PH343 - 3										
3rd Year (6th Semester) Computer Sc & E										
CS306	Operating Systems	3-0-0-3	SB					C		
HS	HSS Course	3-0-0-3	Various					C		
	Elective									
	Elective									
	Elective									
	Elective									
	Elective									
Electives Available: CS350 - 3 CS501 – 3 ME351 – 3 ME353/ME354/MA460 – 3 PH342/CY641/CY244/CY342 -3 EE307/PH341/PH343/PH602 – 3 CS592-2										
3rd Year (6th Semester) Elect Engg										
EE304 (NKN)	Communications Engg.	3-0-0-3	DKM LC: AJ						C	
EE305	Digital Signal Processing	3-0-0-3	SCD LC: BTH						C	
EE306	Computer Organization & Microprocessor	3-0-0-3	AKS						C	
HS	HSS Course	3-0-0-3	Various							
	Elective									
	Elective									
	Elective									
Available Electives: EE501/CY641/CY244/PH342/CY342 – 3 ME351 – 3 EE502P – 2 CS501 – 3 EE307/PH341/PH343/PH602 – 3 ME352/ ME353/ME354/MA460 CS592										
3rd Year (6th Semester) Mech Engg										
EE307	Theory of Measurements	3-0-0-3	BTH					E	E	C
ME307	Energy Conversion Devices	3-1-0-4	OPS							C
ME351	Management of Manufacturing & Logistics Systems	3-0-0-3	NS					E	E	C
HS	HSS Course	3-0-0-3	Various							
	Engineering Elective (ME352/353/354/MA460)									
	Elective (open choice)									
Available Electives: ME352/ME353/ME354/MA460 - 3 PH342/EE501/PH342/CY244/CY342 - 3										