

Ph.D							
CIVIL ENGINEERING							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
CE 560	Advance Foundation Design	PE	3	0	0	3	None
COMPUTER SCIENCE AND ENGINEERING							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
CS512	Distributed Computing	PE	3	0	0	3	None
CS 516	Cloud Computing	PE	3	0	0	3	None
CS 510	Data Mining	PE	3	0	0	3	None
ELECTRONICS AND COMMUNICATION ENGINEERING							
Semester - I							
Course Code	Course Name	Course type*	Contact Hours			Credit	Prerequisites
			L	T	P		
EC 518	Low Power VLSI	E	3	0	0	3	
EC 540	ANTENNA THEORY AND PROPAGATION	E	3	0	0	3	
EC 504	Digital Arithmetic Circuits	E	3	0	0	3	
EC 548	Signal Detection and Estimation Theory	E	3	0	0	3	
EC 546	Machine learning for communication & Signal processing	E	3	0	0	3	
EC 544	Array Signal Processing	E	3	0	0	3	
EC 514	Introduction to MEMS and Microsystems	E	3	0	0	3	
EC 528	Reconfigurable computing	E	3	0	0	3	
EC 502	Analog System Design	E	3	0	0	3	
ELECTRICAL ENGINEERING							
Semester - I							
Course Code	Course Name	Course type*	Contact Hours			Credit	Prerequisites
			L	T	P		
No courses offered							
*Core Courses (C),Elective courses (E)							
MECHANICAL ENGINEERING							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
ME 502	Convective Heat and Mass Transfer	PE	3	0	0	3	
PHYSICS							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
PH 524	Numerical Methods & Computational Physics	E	0	0	6	3	None
PH 528	Computational lab	EL	3	0	0	3	None
PH 542	Science and Technology of Thin Films	E	3	0	0	3	PH 503
*Core Courses (C),Elective courses (E)							
CHEMISTRY							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
No courses offered							
*Core Courses (C),Elective courses (E)							
MATHEMATICS							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
MA702	Analysis	C	3	0	0	3	None
*Core Courses (C), Mathematics Core (M), Elective courses (E), Open Elective (O), Core Lab (CL), Electives Lab (EL),							
HUMANITIES & SOCIAL SCIENCES							
Semester - I							
Course Code	Course Name	Course type*	Contact			Credit	Prerequisites
			L	T	P		
HS504	Approaches to Literary Research	E	3	0	0	3	NIL
*Core Courses (C),Elective courses (E)							