

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC WORKLOAD – Even Semester 2018-2019

S. No	Name of the Faculty	Class/ Sem /Section	Course code	Subject	Credits										
					L	T	P	C	L	T	P	S.S	T	Test + Ment or	Total
1.	Dr.V.Violet Juli	III/ VI	XEC802B	Wireless Networks (Advanced Learners)	3	0	0	3	3	0	0	0	3		15
		IV/ VIII	XEC804	Project Phase – II	0	0	12	12	0	0	12	0	12		
2.	Dr.SP.K.Babu	III / VI / A	XEC602	Digital Communication	3	0	0	3	3	0	0	0	3	1	18
		IV/ VIII	XEC804	Project Phase – II	0	0	12	12	0	0	12	0	12		
		II / IV PG		Project Phase - II	0	0	12	12	0	0	0	0	3		
3.	Ms.C.Narmadha	II / IV / A	XEC402	Signals and Systems	3	0	0	3	3	0	0	0	3	3	14
		III / VI	XCS605	Digital signal processing	3	1	0	4	3	2	0	0	5		
		III / VI / A	XEC603	Antennas and Wave Propagation	3	0	1	4	3	0	2	0	3		
4.	Ms. L. Jayanthi	II / IV / A	XEC404	Communication Theory	3	1	1	5	3	2	2+1	0	8	2	16
		III/ VI/ EEE	XEE 604	Digital Logic Circuits (Lab Included)	3	0	1	4	3	0	3	0	6		
5.	Ms.C.Rajanandhini	II / IV / A	XEC403	Linear Integrated Circuits	3	0	1	4	3	0	2+1	0	6	3	15
		III / VI / A	XEC606 A	Telecom Switching Networks	3	0	0	3	3	0	0	0	3		
		III / VI / A	XEC604	Microprocessors and Microcontrollers	3	1	1	5	0	0	2+1	0	3		

5.	Mr.U.Saravana Kumar	III / VI / A	XEC604	Microprocessors and Microcontrollers	3	1	1	5	3	2	2+1	0	8	3	18
			XECO2 (Engg)	Entertainment Electronics and Management	3	0	0	3	3	0	0	0	3		
		II / IV	XNT606C	Nano-Spintronics	2	0	1	3	2	0	2	0	4		
6.	Mr.R.Rakesh	II / IV /	XUM406	Economics for Engineers	3	0	0	3	3	0	0	0	3	3	14
		III / VI / A	XEC605	Control Systems	3	1	0	4	3	2	0	0	5		
			XECO2 (Arts)	Entertainment Electronics and Management	3	0	0	3	3	0	0	0	3		
7.	Mr.R.Chandrasekaran	III / VI / A	XEC603	Antennas and Wave Propagation	3	0	1	4	3	0	2+1	0	6	3	18
		II/A/ Mech	XME403	Electrical Technology and Industrial Electronics	3	0	1	4	3	0	3	0	09		
8.	Mr.A.Gokulanathan	II / IV /	XEC405	Electro Magnetic Fields and Transmission Lines	3	1	0	4	3	2	0	0	5	3	17
		IV / VIII	XEC802B	Professional Elective V Wireless Networks	3	0	0	3	3	0	0	0	3		
		II/A/ Mech	XME403	Electrical Technology and Industrial Electronics	3	0	1	4	3	0	3	0	06		

HOD/ECE

NANOTECHNOLOGY DIVISION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC WORKLOAD – EVEN SEMESTER 2018-2019

Table 1 (Faculty wise)

S.NO	Name of the Faculty	Class/ Sem/Section	Course code	Subject	Credits				Total Contact Hours				
					L	T	P	C	L	T	P	Sub. Total	Total
1.	Dr. K. Geetha	II Year / IV / A M. Tech Integrated	XNT404	Nano Applications	3	0	0	3	3	1	0	4	24
		III Year /VI/A M.Tech Integrated	XNT602	Colloids and surfaces Engineering	3	0	1	4	3	1	2	6	
			XBT603	Immunology	3	0	2	5	3	1	2	6	
		IV Year/VIII/ A M. Tech Integrated	XNT806	Mini Project	0	0	0	4	0	0	4	4	
			XNT807	Project Theme – II	0	0	0	0	0	0	0	4	
2.	Ms. R. Ilavarasi	II Year / IV / A M. Tech Integrated	XMS405	Materials Science	3	1	0	4	3	1	0	4	22
		III Year /VI/A M.Tech Integrated	XNT604	Nanomaterials Characterization Techniques- II	3	0	1	4	3	1	2	6	
			XEE403	Electronics devices and Circuits	3	0	2	5	3	1	2	7	
		IV Year/VIII/ A M. Tech Integrated	XNT802A	Graphene Nanotechnology	2	0	1	3	2	1	3	6	
3.	MR. M. Naveen Rooba Doss	II Year / IV / A M. Tech Integrated	XNT406	Nanosystems and their Design	3	1	1	5	3	2	2	7	19
		III Year /VI/A M.Tech Integrated	XNT603	Nanomaterials Fabrication Techniques- II	3	1	1	5	3	2	2	7	
		IV Year/VIII/ A M. Tech Integrated	XNT804	MEMS and NEMS	3	1	0	4	3	2	0	5	

SEMESTER IV

Course code	Course Name	Credits				Hours					Subject Handled by
		L	T	P	Total	L	T	P	S.S	Total	
XRP401	Random Processes	2	1	0	3	2	2	0	0	4	Ms.N. Anusha,AP /Maths
XUM402	Environmental Science and Engineering	3	0	0	3	3	0	0	0	3	CIVIL
XNT403	Principles of Chemical Engineering	3	1	1	5	3	2	2	0	7	Mr.Nitin ,AP/Biotech
XNT404	Nano Applications	3	0	0	3	3	0	0	0	3	Dr. K. Geetha, AP / ECE
XMS405	Materials Science	3	1	0	4	3	1	0	0	4	Ms. R. Ilavarasi, AP / ECE
XNT406	Nanosystems and their Design	3	1	1	5	3	2	2	0	7	Mr. M. Naveen Rooba Doss, AP / ECE
XGS407	Technical Communication	0	1	0	1	0	1	0	2*	3	Ms. Priya, AP, English
	Total	17	5	2	24	17	8	4	2	31	

***Non – credit hours**

Total Credits – 24

SEMESTER VI

Course code	Course Name	Credits				Hours					Subject Handled by
		L	T	P	Total	L	T	P	S.S	Total	
XNT601	Total Quality Management	3	0	0	3	3	0	0	0	3	Mr.Ismayil,Ap,Mech
XNT602	Colloids and surfaces Engineering	3	0	1	4	3	0	2	0	5	Dr. K. Geetha, AP / ECE
XNT603	Nanomaterials Fabrication Techniques- II	3	0	1	4	3	0	2	0	5	Mr. M. Naveen Rooba Doss, AP / ECE
XNT604	Nanomaterials Characterization Techniques- II	3	1	1	5	3	2	2	0	7	Ms. R. Ilavarasi, AP / ECE
XNT605A	Nano Physics	2	0	1	3	2	0	2	0	4	Mr.Sivakumar,AP/Mech
XNT606C	Nano-Spintronics	2	0	1	3	2	0	2	0	4	Mr.Saravanakumar,AP/ECE
XGS607	Academic Writing	0	0	0	0	0	0	0	2*	2*	Ms. Priya, AP, English
	Total	16	1	5	22	16	2	10	2	30	

SEMESTER VIII

Course Code	Course Name	Credits				Hours					Subject Handled by
		L	T	P	Total	L	T	P	S.S	Total	
OE-IV	Open Elective – IV	3	0	0	3	3	0	0	0	3	
XNT802A	Graphene Nanotechnology	2	0	1	3	2	0	2	0	4	Ms. R. Ilavarasi, AP / ECE
XNT803	Career Development Skills	0	0	0	0	0	0	0	2*	2	Ms. Priya, AP, English
XNT804	MEMS and NEMS	3	1	0	4	3	2	0	0	5	Mr. M. Naveen Rooba Doss, AP / ECE
XNT805	Surface Plasmon Resonance	3	1	1	5	3	2	2	0	7	Dr.Kumaran,HOD &Associate Prof/Biotech
XNT806	Mini Project	0	0	0	4	0	0	4	0	4	Dr. K. Geetha, AP / ECE
XNT807	Project Theme – II	0	0	0	0	0	0	0	2	2	Dr. K. Geetha, AP / ECE
OE-V	Open Elective – V	3	0	0	3	3	0	0	0	3	
	Total	14	2	2	22	14	4	8	2	30	

HOD/ECE