

**Nanotechnology Division**  
**Department of ECE**

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**PERIYAR  
MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)  
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**NANOTECHNOLOGY EVEN SEMESTER TIME TABLE - 2018 (With effect from December 2018)**

DAY	Year	I 9.00-9.50	II 9.50-10.40	III 10.55-11.45	IV 11.45-12.35	V 1.25-2.15	VI 2.15-3.05	VII 3.20-4.10	VIII 4.10-5.00 (Test/Tutorial)
Monday	II NANO	XRP401	XMS 405	XNT403	XNT406	XGS407		Concept Making	XNT406
	III NANO	XNT606C	XNT603	XNT604	<b>XNT602</b>	Journal presentation	XNT605A		XTQ601
	IV NANO	XNT802A	XNT805	OE IV	XNT806	GATE	XNT804	XNT804(T)	XNT802A
Tuesday	II NANO	Concept making	XNT403	XRP401	XMS405	XUM402	XNT403		
	III NANO	XTQ601	GATE	XNT603	Library	XNT604		XGS607	XNT605A
	IV NANO	XNT806		OE V		XNT807		Mini Project Presentation	
Wednesday	II NANO	XNT404	Library	XNT406	XMS405	Library	XRP401	XNT403	
	III NANO	XNT604	XNT605A	XNT606C	Concept Making	XNT601	<b>XNT602</b>	Concept Making	XNT603
	IV NANO	XNT803	XNT802A	OE V		XNT805			XNT803
Thursday	II NANO	XNT406	XRP401	XUM402	XNT403	Concept Making		XNT404	
	III NANO	XTQ601	Gate	Library	XNT604	XNT603			XNT604
	IV NANO	XNT805		Library	XNT804	XNT802A			OE IV
Friday	II NANO	XNT406	XUM402	XGS407	XRP401	XNT406			
	III NANO	XNT606C		Journal Presentation	XNT605A	<b>XGS607</b>	<b>XNT602</b>		Counseling
	IV NANO	OE-IV	XNT805	GATE	XNT804	GATE Preparation			

### 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. P. Geetha, AP / Maths
XUM402	Environmental Science and Engineering	3	0	0	3	3	0	0	0	3	Mr. D. Narendraprasad, AP / Civil
XNT403	Principles of Chemical Engineering	3	1	1	5	3	2	2	0	7	Dr. A. Ashokkumar, AP / Chemical
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. C. Priya, AP, English
	<b>Total</b>	<b>17</b>	<b>5</b>	<b>2</b>	<b>24</b>	<b>17</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>31</b>	

\*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	
XTQ601	Total Quality Management	3	0	0	3	3	0	0	0	3	Mr. A. Mohamed Ismail, 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. N. Shivakumar, AP/ Mech
XNT606C	Nano-Spintronics	2	0	1	3	2	0	2	0	4	Mr. U. Saravanakumar, AP/ECE
XGS607	Academic Writing	0	0	0	0	0	0	0	2*	2*	Ms. C. Priya, AP, English
	<b>Total</b>	<b>16</b>	<b>1</b>	<b>5</b>	<b>22</b>	<b>16</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>30</b>	

### SEMESTER VIII

Course Code	Course Name	Credits				Hours					Subject Handled by
		L	T	P	Total	L	T	P	S.S	Total	
XMAOE4	Mathematics for Competitive Examinations IV	3	0	0	3	3	0	0	0	3	Ms N. Anusha, AP / Maths
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
XCHOE3	Industrial Safety and Risk Management	3	0	0	3	3	0	0	0	3	Dr. A. Ashokkumar, AP / Chemical
<b>Total</b>		<b>14</b>	<b>2</b>	<b>2</b>	<b>22</b>	<b>14</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>30</b>	

**HOD/ECE**