



**PSN COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**(AUTONOMOUS)**

Melathediyoor, Tirunelveli – 627 152.

**Department of Computer Science and Engineering**

**PG – Curriculum – Regulation – 2015 – (ME-CSE)**

*(Applicable to the students admitted to first year M.E. from the academic year 2015-16 onwards)*

**I – Semester**

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
<b>Theory</b>							
1.	324001	Applied Mathematics for Computer Engineers	3	1	0	4	60
2.	324002	Advanced Data Structures and Algorithms	3	0	0	3	45
3.	324003	Advanced Computer Architecture	3	0	0	3	45
4.	324004	Object Oriented Software Engineering	3	0	0	3	45
5.	324005	Computer Networks Engineering and Management	3	0	0	3	45
6.	324006	Current Trends in Web Technology	3	0	0	3	45
<b>Practical</b>							
7.	324101	Advanced Data Structures and Algorithms Lab	0	0	3	2	45
8.	324102	Web Technology Lab	0	0	3	2	45
<b>Total</b>			<b>18</b>	<b>2</b>	<b>6</b>	<b>23</b>	<b>375</b>

**II – Semester**

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
<b>Theory</b>							
1.	324007	Network Security	3	0	0	3	45
2.	324008	Digital Image Processing	3	0	0	3	45
3.	324009	Advanced Databases	3	0	0	3	45
4.	324010	Advanced Operating Systems	3	0	0	3	45
5.	#	Elective-I	3	0	0	3	45
6.	#	Elective-II	3	0	0	3	45
<b>Practical</b>							
7.	324103	Image Processing Lab (Using MAT LAB)	0	0	3	2	45
8.	324104	Advanced Databases Lab	0	0	3	2	45
<b>Total</b>			<b>19</b>	<b>1</b>	<b>6</b>	<b>22</b>	<b>360</b>

### III – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
<b>Theory</b>							
1.	#	Elective-III	3	0	0	3	45
2.	#	Elective-IV	3	0	0	3	45
3.	#	Elective-V	3	0	0	3	45
<b>Practical</b>							
4.	324301	Project Work – Phase I	0	0	15	6	225
<b>Total</b>			<b>9</b>	<b>0</b>	<b>15</b>	<b>15</b>	<b>360</b>

### IV – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
<b>Practical</b>							
1.	324302	Project Work – Phase II	0	0	24	12	360
<b>Total</b>			<b>0</b>	<b>0</b>	<b>24</b>	<b>12</b>	<b>360</b>

**Total Credits: 72**

#### # List of Electives

#### Elective –I

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1.	324201	Information Storage Management	3	0	0	3	45
2.	324202	XML and Web Services	3	0	0	3	45
3.	324203	Fuzzy Logic and its applications	3	0	0	3	45
4.	324204	Service Oriented Architecture	3	0	0	3	45
5.	324205	Software Reliability and Metrics	3	0	0	3	45

#### Elective –II

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1.	324206	Cloud Computing	3	0	0	3	45
2.	324207	Data Mining Techniques	3	0	0	3	45
3.	324208	Mobile and Pervasive Computing	3	0	0	3	45
4.	324209	E-Commerce	3	0	0	3	45
5.	324210	Agent Based Systems	3	0	0	3	45

**Elective –III**

<b>Sl. No</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>Total Periods</b>
1.	324211	Research Methodologies	3	0	0	3	45
2.	324212	Formal Model and Software Systems	3	0	0	3	45
3.	324213	Parallel Computing	3	0	0	3	45
4.	324214	Computer Vision	3	0	0	3	45
5.	324215	Mobile Application Development	3	0	0	3	45

**Elective –IV**

<b>Sl. No</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>Total Periods</b>
1.	324216	Software Project Management	3	0	0	3	45
2.	324217	Bio-informatics	3	0	0	3	45
3.	324218	Real Time System	3	0	0	3	45
4.	324219	Software Quality Assurance	3	0	0	3	45
5.	324220	Robotics	3	0	0	3	45

**Elective –V**

<b>Sl. No</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>Total Periods</b>
1.	324221	Web Mining	3	0	0	3	45
2.	324222	Grid Computing	3	0	0	3	45
3.	324223	Remote Sensing	3	0	0	3	45
4.	324224	Wireless Sensor Networks	3	0	0	3	45
5.	324225	Ad-hoc Networks	3	0	0	3	45