



PSN College of Engineering and Technology
 (An Autonomous Institution)
 Melathediyoor, Tirunelveli – 627 152

Department of Computer Science and Engineering
PG - Curriculum - Regulation - 2012 - (M.E. - CSE)

(Applicable to the students admitted to first year M.E. from the academic year 2012 - 2013 onwards)

I – Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	024001	Applied Mathematics for Computer Engineers	3	1	0	3	60
2	024002	Advanced Data Structures and Algorithms	3	1	0	3	60
3	024003	Advanced Computer Architecture	3	0	0	3	45
4	024004	Object Oriented Software Engineering	3	0	0	3	45
5	024005	Computer Networks Engineering and Management	3	0	0	3	45
6	024006	Current Trends in Web Technology	3	0	0	3	45
Practical							
7	024101	Advanced Data Structures and Algorithms Lab	0	0	3	2	45
8	024102	Web Technology Lab	0	0	3	2	45
Total			18	2	6	22	390

II - Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	024007	Network Security	3	1	0	3	60
2	024008	Digital Image Processing	4	0	0	4	60
3	024009	Modern Operating Systems	3	0	0	3	45
4	024010	Cloud Computing	3	0	0	3	45
5		Elective-I	3	0	0	3	45
6		Elective-II	3	0	0	3	45
Practical							
7	024103	Networking Lab	0	0	3	2	45
8	024104	Image Processing Lab (Using MATLAB)	0	0	3	2	45
Total			19	1	6	23	390

III – Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1		Elective - III	3	0	0	3	45
2		Elective - IV	3	0	0	3	45
3		Elective - V	3	0	0	3	45
Practical							
4	024301	Project Work-Phase I	0	0	15	6	225
Total			9	0	15	15	360

IV - Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
Practical							
1	024302	Project Work-Phase II	0	0	24	12	360
Total			0	0	24	12	360

Elective - 2nd Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
1	024201	Software Quality Assurance	3	0	0	3	45
2	024202	XML and Web Services	3	0	0	3	45
3	024203	Distributed Databases	3	0	0	3	45
4	024204	Service Oriented Architecture	3	0	0	3	45
5	024205	Software Testing	3	0	0	3	45
6	024206	Applied Data Mining	3	0	0	3	45
7	024207	Fuzzy Logic and Its Application	3	0	0	3	45
8	024208	Mobile and Pervasive Computing	3	0	0	3	45
9	024209	E-Commerce	3	0	0	3	45
10	024210	Agent Based Systems	3	0	0	3	45

Elective – 3rd Semester

Sl. No.	Subject Code	Subject Name	L	T	P	C	Total Periods
1	024211	Research Methodology	3	0	0	3	45
2	024212	Software Reliability and Metrics	3	0	0	3	45
3	024213	Parallel Computing	3	0	0	3	45
4	024214	Wireless Networks	3	0	0	3	45
5	024215	Semantic Web	3	0	0	3	45
6	024216	Ad- hoc Networks	3	0	0	3	45
7	024217	Software Project Management	3	0	0	3	45
8	024218	Artificial Neural Networks	3	0	0	3	45
9	024219	Pattern Recognition	3	0	0	3	45
10	024220	Robotics	3	0	0	3	45
11	024221	Remote Sensing	3	0	0	3	45
12	024222	Grid Computing	3	0	0	3	45
13	024223	Information Security	3	0	0	3	45
14	024224	Web Mining	3	0	0	3	45
15	024225	Computer Vision and Image Analysis	3	0	0	3	45
16	024226	Medical Imaging*	3	0	0	3	45

* Applicable to the students admitted to first year M.E. from the academic year 2013 - 2014 onwards