



PSN College of Engineering and Technology
(An Autonomous Institution)
 Melathediyoor, Tirunelveli – 627 152
Department of Computer Science and Engineering
 UG - Curriculum – 3rd to 8th Semester
Regulation – 2012- (B.E. – CSE)

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

III – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	001001	Transformation Techniques	4	0	0	4	60
2	003001	Computer Organization and Architecture	3	0	0	3	45
3	003002	Data Structures	4	0	0	4	60
4	003003	Object Oriented Programming	3	1	0	3	60
5	003004	Operating Systems	3	0	0	3	45
6	003005	Digital Principles and Systems Design	3	0	0	3	45
Practical							
7	003101	Data Structures Lab	0	0	3	2	45
8	003102	Object Oriented Programming Lab	0	0	3	2	45
9	003103	Digital Lab	0	0	3	2	45
Total			20	1	9	26	450

IV – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	003006	Probability and Queuing Theory	4	0	0	4	60
2	003007	Database Management Systems	3	0	0	3	45
3	003008	Design and Analysis of Algorithms	4	0	0	4	60
4	003009	Java Programming	3	1	0	3	60
5	003010	Software Engineering	3	0	0	3	45
6	003011	Microprocessors and Microcontrollers	3	0	0	3	45
Practical							
7	003104	Data Base Management Systems Lab	0	0	3	2	45
8	003105	Java Programming Lab	0	0	3	2	45
9	003106	Microprocessor Lab	0	0	3	2	45
Total			20	1	9	26	450

V – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	003012	Discrete Mathematics	4	0	0	4	60
2	003013	Computer Networks	4	0	0	4	60
3	003014	Interactive Programming	3	0	0	3	45
4	003015	Internet Programming	3	1	0	3	60
5	003016	System Software	3	0	0	3	45
6	003017	Digital Signal Processing	3	0	0	3	45
Practical							
7	003107	Interactive Programming Lab	0	0	3	2	45
8	003108	Network Lab	0	0	3	2	45
9	001104	Communication and Skills Lab	0	0	3	2	45
Total			20	1	9	26	450

VI – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	003018	Numerical Methods	4	0	0	4	60
2	003019	Compiler Design	4	1	0	4	75
3	003020	Object Oriented Analysis and Design	3	0	0	3	45
4	003021	Web Technology	3	0	0	3	45
5	#	Elective – I	3	0	0	3	45
6	#	Elective – II	3	0	0	3	45
Practical							
7	003109	Web Technology Lab	0	0	3	2	45
8	003110	Compiler Lab	0	0	3	2	45
9	003111	Object Oriented Analysis & Design Lab	0	0	3	2	45
Total			20	1	9	26	450

VII – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	003022	Engineering Economics & Financial Accounting	3	1	0	3	60
2	003023	Artificial Intelligence	4	1	0	4	75
3	003024	Computer Graphics	4	1	0	4	75
4	003024	C# and .NET Programming	3	1	0	3	60
5	#	Elective III	3	0	0	3	45
6	#	Elective IV	3	0	0	3	45
Practical							
7	003112	C# and .NET Programming Lab	0	0	3	2	45
8	003113	Graphics Lab	0	0	3	2	45
Total			20	4	6	24	450

VIII – Semester

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Theory							
1	#	Elective V	3	0	0	3	45
2	#	Elective VI	3	0	0	3	45
Practical							
3	003301	Project Work	0	0	24	6	360
Total			6	0	24	12	450

List of Electives

Semester – VI – Elective – I & II

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1	003201	Advanced Computer Architecture	3	0	0	3	45
2	003202	Advanced Database Technology	3	0	0	3	45
3	003203	Agent Based Intelligent Systems	3	0	0	3	45
4	003204	ATM Networks	3	0	0	3	45
5	003205	Cryptography and Network Security	3	0	0	3	45
6	003206	Parallel Computing	3	0	0	3	45
7	003207	Programming Paradigm	3	0	0	3	45
8	003208	Software Project Management	3	0	0	3	45
9	003209	TCP/IP	3	0	0	3	45
10	003210	Theory of Computation	3	0	0	3	45
11	003211	UNIX Internals	3	0	0	3	45

Semester – VII – Elective – III & IV

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1	003212	Advanced Operating Systems	3	0	0	3	45
2	003213	Data Warehousing and Data Mining	3	0	0	3	45
3	003214	Digital Image Processing	3	0	0	3	45
4	003215	Embedded Systems	3	0	0	3	45
5	003216	High Speed Networks	3	0	0	3	45
6	003217	Mobile Computing	3	0	0	3	45
7	003218	Multimedia Systems	3	0	0	3	45
8	003219	Real Time Systems	3	0	0	3	45
9	003220	Semantic Web	3	0	0	3	45
10	003221	Software Testing	3	0	0	3	45
11	003222	Total Quality Management	3	0	0	3	45
12	003223	User Interface Design	3	0	0	3	45
13	003224	Visual C++	3	0	0	3	45
14	003225	Wireless Networks	3	0	0	3	45

Semester – VIII – Elective – V & VI

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1	003226	ASP.NET	3	0	0	3	45
2	003227	Bio Informatics	3	0	0	3	45
3	003228	Cloud Computing	3	0	0	3	45
4	003229	Component Based Technology	3	0	0	3	45
5	003230	Distributed Systems	3	0	0	3	45
6	003231	Information Security	3	0	0	3	45
7	003232	J2ME	3	0	0	3	45
8	003233	Natural Language Processing	3	0	0	3	45
9	003234	Network Simulator	3	0	0	3	45
10	003235	Pervasive Computing	3	0	0	3	45
11	003236	PHP Programming	3	0	0	3	45
12	003237	Professional Ethics in Engineering	3	0	0	3	45
13	003238	Soft Computing	3	0	0	3	45
14	003239	Software Quality Assurance	3	0	0	3	45
15	003240	Software Quality Management	3	0	0	3	45
16	003241	Text Mining	3	0	0	3	45
17	003242	Windows Internals	3	0	0	3	45
18	003243	Wireless Application Protocol	3	0	0	3	45