


PSN COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

Department of Computer Science and Engineering

M.Tech IT (R22)

Sl. No	Course code	Course Name	Classification	L	T	P	C
SEMESTER I							
1	CS624001	Applied Mathematics	PC	3	1	0	4
2	IT626001	Advanced Operating Systems	PC	3	0	0	3
3	CS624003	Advanced Data Structures and Algorithms	PC	3	0	0	3
4	CS624004	Cryptography and Hashing	PC	3	0	0	3
5		Programme Elective -I	PE	3	0	0	3
6	AP620004	Research Methodology	IC	3	0	0	3
7	CS624501	Technical Seminar-I	EEC	2	0	0	1
8	CS624101	Data Structures Laboratory	PC	0	0	4	2
9		English for Manuscript Writing	IM	2	0	0	0
SEMESTER II							
10	IT626002	Big Data Analytics	PC	3	0	0	3
11	CS624005	Digital Image Processing Tools and Techniques	PC	3	0	0	3
12	CS624007	Cloud Computing Technologies	PC	3	0	0	3
13	CS624008	Internet Security	PC	3	0	0	3
14		Programme Elective -II	PE	3	0	0	3
15		Programme Elective -III	PE	3	0	0	3
16	CS624102	Image Processing Laboratory	PC	0	0	4	2
17		Literature reading skills	IM	2	0	0	0
SEMESTER III							
18		Programme Elective-IV	PE	3	0	0	3
19		Programme Elective-V	PE	3	0	0	3
20		Institute Elective	IE	3	0	0	3
21	CS624301	Project Phase - I	EEC	0	0	8	8
SEMESTER IV							
22	CS624302	Project Phase - II & Journal Publication	EEC	0	0	12	12
23	CS624502	Technical Seminar-II	EEC	2	0	0	1

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Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
Programme Elective -I [Sem-I]							
1	CS624201	Advanced Database Technologies	3	0	0	3	45
2	IT626201	Web Technology	3	0	0	3	45
3	IT626202	Unix Internals	3	0	0	3	45
4	IT626203	Wireless Sensor Networks	3	0	0	3	45
5	CS624203	Artificial Intelligence	3	0	0	3	45

Programme Elective -II [Sem-II]							
1	CS624206	Internet of Things	3	0	0	3	45
2	IT626204	Deep Learning	3	0	0	3	45
3	IT626205	Network Security	3	0	0	3	45
4	CS624209	Software Reliability and Metrics	3	0	0	3	45
5	IT626206	Human Computer Interaction Techniques	3	0	0	3	45

Programme Elective -III [Sem-II]							
1	IT626207	Advanced Computer Graphics and Animations	3	0	0	3	45
2	CS624211	Software Quality Assurance and Testing	3	0	0	3	45
3	CS624212	Cognitive Computing	3	0	0	3	45
4	CS624213	Social Network Analysis	3	0	0	3	45
5	CS624215	Blockchain Technologies	3	0	0	3	45

Programme Elective -IV [Sem-III]							
1	IT626208	Pattern Recognition	3	0	0	3	45
2	IT626209	Parallel Computing	3	0	0	3	45
3	IT626210	Mobile Application Development	3	0	0	3	45
4	IT626211	Virtual and Augment Reality	3	0	0	3	45
5	IT626212	Multimedia Databases	3	0	0	3	45

Programme Elective -V [Sem-III]							
1	CS624221	Multimedia and Compression Techniques	3	0	0	3	45
2	IT626213	Remote Sensing	3	0	0	3	45
3	IT626214	Grid Computing	3	0	0	3	45
4	IT626215	Web Mining	3	0	0	3	45
5	IT626216	Software Quality Assurance	3	0	0	3	45


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Institute Elective

Sl. No	Subject Code	Subject Name	L	T	P	C	Total Periods
1	IT626901	PHP Programming	3	0	0	3	45
2	IT626902	Introduction to Virtual Reality	3	0	0	3	45



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