

Academic Year		2014-15	2015-16	2016-17	2017-18	2018-19
	CSE B.TECH SUBJECTS COUNT	88	90	92	92	94
	CSE M.TECH SUBJECTS COUNT	36	30	31	37	38
	CSE TOTAL COUNT	124	120	123	129	132

2014-15

S.No	Name of the Course	Course Code	Name of the Program	Employability/ Entrepreneurship/	Year of introduction
1	Engineering Mathematics-I	BT/CE/CHE/CS/ EC/EE/IT/ME 111	B.Tech-CSE	Employability	2012
2	Engineering Physics - I	BT/CE/CHE/CS/ EC/EE/IT/ME 112	B.Tech-CSE	Employability	2012
3	Engineering Chemistry - I	CE/CS/IT 113	B.Tech-CSE	Employability	2012
4	Technical English & Communication Skills	BT/CHE/CE/ CS/IT 114	B.Tech-CSE	Skill Development/Employability	2012
5	Environmental Studies	CS/IT 115	B.Tech-CSE	Employability	2012
6	Physics Lab.	BT/CHE/CE/ CS/IT 151	B.Tech-CSE	Skill Development	2012
7	English Language Lab	BT/CHE/CE/ CS/IT 152	B.Tech-CSE	Skill Development	2012
8	Engineering Graphics Lab.	BT/CHE/ CS/IT 153	B.Tech-CSE	Skill Development	2012
9	Engineering Mathematics-II	BT/CE/CHE/CS/ EC/EE/IT/ME 121	B.Tech-CSE	Skill Development	2012
10	Engineering Physics-II	BT/CE/CHE/CS/ EC/EE/IT/ME 122	B.Tech-CSE	Skill Development	2012
11	Engineering Chemistry - II	CE/CS/IT 123	B.Tech-CSE	Skill Development	2012
12	C-Programming	BT/CHE/CE/ CS/IT 124	B.Tech-CSE	Employability/Skill Development	2012
13	Mechanics for Engineers	CS/IT 125	B.Tech-CSE	Employability	2012
14	Chemistry Lab.	BT/CHE/CE/ CS/IT 161	B.Tech-CSE	Employability	2012
15	Workshop	BT/CHE/CE/ CS/IT 162	B.Tech-CSE	Employability	2012
16	C-Programming Lab	BT/CHE/CE/ CS/IT 163	B.Tech-CSE	Skill Development/Employability	2012
17	Mathematics-III	CS/IT 211	B.Tech-CSE	Skill Development/Employability	2012
18	Basic Electrical & Electronics Engineering	CS/IT 212	B.Tech-CSE	Skill Development/Employability	2012
19	Digital Logic Design	CS/IT 213	B.Tech-CSE	Skill Development/Employability	2012
20	Discrete Mathematical Structures	CS/IT 214	B.Tech-CSE	Skill Development	2012
21	Data Structures	CS/IT 215	B.Tech-CSE	Employability	2012
22	Object Oriented Programming	CS/IT 216	B.Tech-CSE	Employability	2012
23	Basic Electrical & Electro- nics Engineering Lab	CS/IT 251	B.Tech-CSE	Employability	2012
24	Data Structures Lab	CS/IT 252	B.Tech-CSE	Skill Development	2012
25	Object Oriented Programming Lab	CS/IT 253	B.Tech-CSE	Skill Development	2012
26	Probability & Statistics	CS/IT 221	B.Tech-CSE	Skill Development/Employability	2012
27	Computer Organization	CS/IT 222	B.Tech-CSE	Skill Development/Employability	2012
28	JAVA Programming	CS/IT 223	B.Tech-CSE	Skill Development/Employability	2012
29	Database Management Systems	CS/IT 224	B.Tech-CSE	Skill Development/Employability	2012
30	Operating Systems	CS/IT 225	B.Tech-CSE	Employability	2012
31	Design & Analysis of Algorithms	CS/IT 226	B.Tech-CSE	Skill Development/Employability	2012
32	JAVA Programming Lab	CS/IT 261	B.Tech-CSE	Skill Development/Employability	2012
33	DBMS Lab	CS/IT 262	B.Tech-CSE	Skill Development/Employability	2012
34	Communication skills Lab	CS/IT 263	B.Tech-CSE	Skill Development/Employability	2012
35	Professional Ethics & Human Values	CS/IT 311	B.Tech-CSE	Employability	2012
36	Computer Networks	CS/IT 312	B.Tech-CSE	Employability	2012
37	Unix Programming	CS/IT 313	B.Tech-CSE	Skill Development/Employability	2012
38	Automata Theory & Formal Languages	CS/IT 314	B.Tech-CSE	Employability	2012
39	Web Technologies	CS/IT 315	B.Tech-CSE	Employability	2012
40	Software Engineering	CS/IT 316	B.Tech-CSE	Employability	2012
41	UNIX Programming Lab	CS/IT 351	B.Tech-CSE	Employability	2012
42	Web Technologies Lab	CS/IT 352	B.Tech-CSE	Employability	2012
43	Advanced Communication Lab	CS/IT 353	B.Tech-CSE	Employability	2012
44	Network Programming	CS/IT 321	B.Tech-CSE	Employability	2012
45	Object Oriented Analysis & Design	CS/IT 322	B.Tech-CSE	Skill Development/Employability	2012
46	Interactive Computer Graphics	CS/IT 323	B.Tech-CSE	Skill Development/Employability	2012
47	Microprocessors& Interfacing	CS/IT 324	B.Tech-CSE	Skill Development/Employability	2012
48	Compiler Design	CS/IT 325	B.Tech-CSE	Employability	2012
49	(A) Artificial Intelligence	CS/IT 326/A	B.Tech-CSE	Employability	2012
50	(B) Multi-media Systems	CS/IT 326/B	B.Tech-CSE	Employability	2012
51	(C) Advanced Database Management Systems	CS/IT 326/C	B.Tech-CSE	Employability	2012
52	(D) Digital Image Processing	CS/IT 326/D	B.Tech-CSE	Employability	2012
53	Network Programming Lab	CS/IT 361	B.Tech-CSE	Skill Development/Employability	2012
54	Object Oriented Analysis & Design Lab	CS/IT 362	B.Tech-CSE	Skill Development/Employability	2012
55	Microprocessors& Interfacing Lab	CS/IT 363	B.Tech-CSE	Employability	2012
56	Mobile Computing	CSE/IT 411	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
57	Advanced Computer Architecture	CSE412	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
58	Distributed Systems	CSE/IT413	B.Tech-CSE	Employability	2011 (ANU)
59	Web Technologies	CSE414	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
60	Robotics	ME 415/A	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
61	Operations Research	ME 415/B	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
62	Finite Element Method	CE 415/A	B.Tech-CSE	Employability	2012 (ANU)
63	Remote Sensing and GIS	CE 415/B	B.Tech-CSE	Employability	2013 (ANU)
64	Bio Sensors & Bio Electronics	BT 415/A	B.Tech-CSE	Employability	2014 (ANU)
65	Biomedical Instrumentation	BT 415/B	B.Tech-CSE	Employability	2015 (ANU)
66	Energy Engineering	ChE 415/A	B.Tech-CSE	Employability	2016 (ANU)
67	Bio-fuels	ChE 415/B	B.Tech-CSE	Employability	2017 (ANU)
68	Applied Electronics	EC415/A	B.Tech-CSE	Employability	2018 (ANU)
69	Basic Communication	EC415/B	B.Tech-CSE	Employability	2019 (ANU)
70	Renewable Energy Sources	EE415/A	B.Tech-CSE	Employability	2020 (ANU)
71	Utilization of Electrical Energy	EE415/B	B.Tech-CSE	Employability	2021 (ANU)
72	Professional Ethics & human Values	CSE/IT416	B.Tech-CSE	Employability	2011 (ANU)
73	Mobile Computing Lab	CSE/IT451	B.Tech-CSE	Employability	2011 (ANU)
74	Web Technologies Lab	CSE452	B.Tech-CSE	Employability	2011 (ANU)
75	Soft Skills Lab	CSE/IT453	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
76	Industrial Engineering & Management	CSE/IT421	B.Tech-CSE	Employability	2011 (ANU)
77	Machine Learning	CSE/IT422	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
78	Data Engineering	CSE/IT423	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
79	Parallel Algorithms	CSE/IT424 /A	B.Tech-CSE	Employability	2011 (ANU)
80	Natural Language Processing	CSE/IT424 /B	B.Tech-CSE	Employability	2011 (ANU)
81	Cyber Crimes & Laws	CSE/IT424 /C	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
82	Multicore Technologies	CSE/IT424 /D	B.Tech-CSE	Employability	2011 (ANU)
83	Bio Informatics	CSE/IT425 /A	B.Tech-CSE	Employability	2011 (ANU)
84	Enterprise Programming	CSE/IT425 /B	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
85	Cloud Computing	CSE/IT425 /C	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
86	Image & Speech Processing	CSE/IT425 /D	B.Tech-CSE	Employability	2011 (ANU)
87	Data Engineering Lab	CSE/IT461	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
88	Project	CSE/IT462	B.Tech-CSE	Skill Development/Employability	2011 (ANU)
89	Advanced Data Structures	CSE 511	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
90	Data Base Management Systems	CSE 512	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
91	Advanced Computer Architecture	CSE 513	M.Tech-CSE	Employability	2011 (ANU)
92	Software Engineering	CSE514(A)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
93	Object Oriented Analysis & Design	CSE514(B)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
94	Object Oriented Software Engineering	CSE514(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)

95	Software Project Management	CSE514(D)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
96	Computer Networks	CSE515(A)	M.Tech-CSE	Employability	2011 (ANU)
97	Data Communications	CSE515(B)	M.Tech-CSE	Employability	2011 (ANU)
98	Network Programming	CSE515(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
99	Network Management systems	CSE515(D)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
100	Advanced Operating Systems	CSE516(A)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
101	Unix programming	CSE516(B)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
102	System Programming	CSE516(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
103	Compiler Design	CSE516(D)	M.Tech-CSE	Employability	2011 (ANU)
104	Data Structures Lab	CSE 551	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
105	DBMS LAB	CSE 552	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
106	Data Engineering	CSE 521	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
107	Design Analysis of Algorithms	CSE 522	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
108	Advanced Computing	CSE 523	M.Tech-CSE	Employability	2011 (ANU)
109	Bioinformatics	CSE524(A)	M.Tech-CSE	Employability	2011 (ANU)
110	Evolutionary Algorithms	CSE524(B)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
111	Machine Learning	CSE524(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
112	Soft Computing	CSE524(D)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
113	High Speed Networks	CSE525(A)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
114	Advanced Computer Networks	CSE525(B)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
115	Network & Internet Security	CSE525(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
116	Wireless Networks	CSE523(D)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
117	Embedded Systems	CSE526(A)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
118	Multimedia Systems	CSE526(B)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
119	Parallel Processing	CSE526(C)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
120	Real Time Systems	CSE526(D)	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
121	Data Engineering Lab	CSE 561	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
122	Design Analysis of Algorithms LAB	CSE 562	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
123	SEMINAR	CSE 651	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
124	Project Viva Voce	CSE 661	M.Tech-CSE	Skill Development/Employability	2011 (ANU)

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S.No	Name of the Course	Course Code	Name of the Program	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
1	Engineering Mathematics-I	BT/CE/CHE/CS/EC/EE/IT/ME 111	B.Tech-CSE	Employability	2012
2	Engineering Physics - I	BT/CE/CHE/CS/EC/EE/IT/ME 112	B.Tech-CSE	Employability	2012
3	Engineering Chemistry - I	CE/CS/IT 113	B.Tech-CSE	Employability	2012
4	Technical English & Communication Skills	BT/CHE/CE/ CS/IT 114	B.Tech-CSE	Skill Development/Employability	2012
5	Environmental Studies	CS/IT 115	B.Tech-CSE	Employability	2012
6	Physics Lab.	BT/CHE/CE/ CS/IT 151	B.Tech-CSE	Skill Development	2012
7	English Language Lab	BT/CHE/CE/ CS/IT 152	B.Tech-CSE	Skill Development	2012
8	Engineering Graphics Lab.	BT/CHE/ CS/IT 153	B.Tech-CSE	Skill Development	2012
9	Engineering Mathematics-II	BT/CE/CHE/CS/ EC/EE/IT/ME 121	B.Tech-CSE	Skill Development	2012
10	Engineering Physics-II	BT/CE/CHE/CS/ EC/EE/IT/ME 122	B.Tech-CSE	Skill Development	2012
11	Engineering Chemistry - II	CE/CS/IT 123	B.Tech-CSE	Skill Development	2012
12	C-Programming	BT/CHE/CE/ CS/IT 124	B.Tech-CSE	Employability/Skill Development	2012
13	Mechanics for Engineers	CS/IT 125	B.Tech-CSE	Employability	2012
14	Chemistry Lab.	BT/CHE/CE/ CS/IT 161	B.Tech-CSE	Employability	2012
15	Workshop	BT/CHE/CE/ CS/IT 162	B.Tech-CSE	Employability	2012
16	C-Programming Lab	BT/CHE/CE/ CS/IT 163	B.Tech-CSE	Skill Development/Employability	2012
17	Mathematics-III	CS/IT 211	B.Tech-CSE	Skill Development/Employability	2012
18	Basic Electrical & Electronics Engineering	CS/IT 212	B.Tech-CSE	Skill Development/Employability	2012
19	Digital Logic Design	CS/IT 213	B.Tech-CSE	Skill Development/Employability	2012
20	Discrete Mathematical Structures	CS/IT 214	B.Tech-CSE	Skill Development	2012
21	Data Structures	CS/IT 215	B.Tech-CSE	Employability	2012
22	Object Oriented Programming	CS/IT 216	B.Tech-CSE	Employability	2012
23	Basic Electrical & Electro- nics Engineering Lab	CS/IT 251	B.Tech-CSE	Employability	2012
24	Data Structures Lab	CS/IT 252	B.Tech-CSE	Skill Development	2012
25	Object Oriented Programming Lab	CS/IT 253	B.Tech-CSE	Skill Development	2012
26	Probability & Statistics	CS/IT 221	B.Tech-CSE	Skill Development/Employability	2012
27	Computer Organization	CS/IT 222	B.Tech-CSE	Skill Development/Employability	2012
28	JAVA Programming	CS/IT 223	B.Tech-CSE	Skill Development/Employability	2012
29	Database Management Systems	CS/IT 224	B.Tech-CSE	Skill Development/Employability	2012
30	Operating Systems	CS/IT 225	B.Tech-CSE	Employability	2012
31	Design & Analysis of Algorithms	CS/IT 226	B.Tech-CSE	Skill Development/Employability	2012
32	JAVA Programming Lab	CS/IT 261	B.Tech-CSE	Skill Development/Employability	2012
33	DBMS Lab	CS/IT 262	B.Tech-CSE	Skill Development/Employability	2012
34	Communication skills Lab	CS/IT 263	B.Tech-CSE	Skill Development/Employability	2012
35	Professional Ethics & Human Values	CS/IT 311	B.Tech-CSE	Employability	2012
36	Computer Networks	CS/IT 312	B.Tech-CSE	Employability	2012
37	Unix Programming	CS/IT 313	B.Tech-CSE	Skill Development/Employability	2012
38	Automata Theory & Formal Languages	CS/IT 314	B.Tech-CSE	Employability	2012
39	Web Technologies	CS/IT 315	B.Tech-CSE	Employability	2012
40	Software Engineering	CS/IT 316	B.Tech-CSE	Employability	2012
41	UNIX Programming Lab	CS/IT 351	B.Tech-CSE	Employability	2012
42	Web Technologies Lab	CS/IT 352	B.Tech-CSE	Employability	2012
43	Advanced Communication Lab	CS/IT 353	B.Tech-CSE	Employability	2012
44	Network Programming	CS/IT 321	B.Tech-CSE	Employability	2012
45	Object Oriented Analysis & Design	CS/IT 322	B.Tech-CSE	Skill Development/Employability	2012
46	Interactive Computer Graphics	CS/IT 323	B.Tech-CSE	Skill Development/Employability	2012
47	Microprocessors& Interfacing	CS/IT 324	B.Tech-CSE	Skill Development/Employability	2012
48	Compiler Design	CS/IT 325	B.Tech-CSE	Employability	2012
49	(A) Artificial Intelligence	CS/IT 326/A	B.Tech-CSE	Employability	2012
50	(B) Multi-media Systems	CS/IT 326/B	B.Tech-CSE	Employability	2012
51	(C) Advanced Database Management Systems	CS/IT 326/C	B.Tech-CSE	Employability	2012
52	(D) Digital Image Processing	CS/IT 326/D	B.Tech-CSE	Employability	2012
53	Network Programming Lab	CS/IT 361	B.Tech-CSE	Skill Development/Employability	2012
54	Object Oriented Analysis & Design Lab	CS/IT 362	B.Tech-CSE	Skill Development/Employability	2012
55	Microprocessors& Interfacing Lab	CS/IT 363	B.Tech-CSE	Employability	2012
56	Cryptography & Network Security	CS/IT 411	B.Tech-CSE	Employability	2012
57	Distributed Systems	CS/IT 412	B.Tech-CSE	Employability	2012
58	Data Engineering	CS/IT 413	B.Tech-CSE	Skill Development/Employability	2012
59	Advanced Computer Architecture	CS 414	B.Tech-CSE	Employability	2012
60	Robotics	ME 415/A	B.Tech-CSE	Employability	2012
61	Operations Research	ME 415/B	B.Tech-CSE	Employability	2012
62	Finite Element Method	CE 415/A	B.Tech-CSE	Employability	2012
63	Remote Sensing and GIS	CE 415/B	B.Tech-CSE	Employability	2012
64	Bio Sensors & Bio Electronics	BT 415/A	B.Tech-CSE	Employability	2012

65	Biomedical Instrumentation	BT 415/B	B.Tech-CSE	Employability	2012
66	Energy Engineering	ChE 415/A	B.Tech-CSE	Employability	2012
67	Bio-fuels	ChE 415/B	B.Tech-CSE	Employability	2012
68	Applied Electronics	EC415/A	B.Tech-CSE	Employability	2012
69	Basic Communication	EC415/B	B.Tech-CSE	Employability	2012
70	Renewable Energy Sources	EE415/A	B.Tech-CSE	Employability	2012
71	Utilization of Electrical Energy	EE415/B	B.Tech-CSE	Employability	2012
72	.NET Technologies	CS/IT 416 /A	B.Tech-CSE	Skill Development/Employability	2012
73	Open Source Systems	CS/IT 416 /B	B.Tech-CSE	Skill Development/Employability	2012
74	Mobile computing	CS/IT 416 /C	B.Tech-CSE	Skill Development/Employability	2012
75	Software Testing Methodologies	CS/IT 416 /D	B.Tech-CSE	Skill Development/Employability	2012
76	Term Paper	CS/IT 451	B.Tech-CSE	Employability	2012
77	Data Engineering Lab	CS/IT 452	B.Tech-CSE	Skill Development/Employability	2012
78	.NET Technologies	CS/IT 453 /A	B.Tech-CSE	Skill Development/Employability	2012
79	Open Source Systems	CS/IT 453 /B	B.Tech-CSE	Skill Development/Employability	2012
80	Mobile computing	CS/IT 453 /C	B.Tech-CSE	Skill Development/Employability	2012
81	Software Testing Methodologies	CS/IT 453 /D	B.Tech-CSE	Skill Development/Employability	2012
82	Industrial Engineering & Management	CS/IT 421	B.Tech-CSE	Employability/Entrepreneurship	2012
83	Cloud Computing	CS 422	B.Tech-CSE	Skill Development/Employability	2012
84	J2EE Web Services	CS/IT 423	B.Tech-CSE	Skill Development/Employability	2012
85	Information Storage Management	CS/IT 424 /A	B.Tech-CSE	Skill Development/Employability	2012
86	Big Data Analytics	CS/IT 424 /B	B.Tech-CSE	Skill Development/Employability	2012
87	Python	CS/IT 424 /C	B.Tech-CSE	Skill Development/Employability	2012
88	Big Data Technologies	CS/IT 424 /D	B.Tech-CSE	Skill Development/Employability	2012
89	CS461 J2EE Web Services	CS/IT 461	B.Tech-CSE	Skill Development/Employability	2012
90	Project Work	CS/IT 462	B.Tech-CSE	Skill Development/Employability	2012
91	Advanced Data Structures	CSE 511	M.Tech-CSE	Skill Development/Employability	2015
92	Data Base Management System	CSE 512	M.Tech-CSE	Skill Development/Employability	2015
93	Computer Networks	CSE 513	M.Tech-CSE	Employability	2015
94	Object Oriented Software Engineering	CSE 611E	M.Tech-CSE	Skill Development/Employability	2015
95	Artificial Intelligence	CSE 612E	M.Tech-CSE	Skill Development/Employability	2015
96	BIG Data	CSE 613E	M.Tech-CSE	Skill Development/Employability	2015
97	Embedded Systems	CSE 614E	M.Tech-CSE	Skill Development/Employability	2015
98	Network & Internet Security	CSE 615E	M.Tech-CSE	Skill Development/Employability	2015
99	Software Project Management	CSE 616E	M.Tech-CSE	Skill Development/Employability	2015
100	Natural Language Processing	CSE 617E	M.Tech-CSE	Skill Development/Employability	2015
101	Network Programming	CSE 618E	M.Tech-CSE	Skill Development/Employability	2015
102	Cloud Computing	CSE 619E	M.Tech-CSE	Skill Development/Employability	2015
103	Data Structures Lab	CSE 551	M.Tech-CSE	Skill Development/Employability	2015
104	DBMS Lab	CSE 552	M.Tech-CSE	Skill Development/Employability	2015
105	Data Engineering	CSE 514	M.Tech-CSE	Skill Development/Employability	2015
106	Design Analysis of Algorithms	CSE 515	M.Tech-CSE	Skill Development/Employability	2015
107	LINUX Programming	CSE 516	M.Tech-CSE	Skill Development/Employability	2015
108	Real Time Systems	CSE 620E	M.Tech-CSE	Skill Development/Employability	2015
109	Wireless Networks	CSE 621E	M.Tech-CSE	Skill Development/Employability	2015
110	Compiler Design	CSE 622E	M.Tech-CSE	Employability	2015
111	Mobile Application Development	CSE 623E	M.Tech-CSE	Skill Development/Employability	2015
112	Digital Image Processing	CSE 624E	M.Tech-CSE	Employability	2015
113	Distributed Systems	CSE 625E	M.Tech-CSE	Skill Development/Employability	2015
114	Advanced Computer Architecture	CSE 626E	M.Tech-CSE	Skill Development/Employability	2015
115	Bio informatics	CSE 627E	M.Tech-CSE	Employability	2015
116	Multimedia Systems	CSE 628E	M.Tech-CSE	Skill Development/Employability	2015
117	Data Engineering Lab	CSE 553	M.Tech-CSE	Skill Development/Employability	2015
118	LINUX Programming Lab	CSE 554	M.Tech-CSE	Skill Development/Employability	2015
119	SEMINAR	CSE 651	M.Tech-CSE	Skill Development/Employability	2011 (ANU)
120	Project Viva Voce	CSE 661	M.Tech-CSE	Skill Development/Employability	2011 (ANU)

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S.No	Name of the Course	Course Code	Name of the Program	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
1	Differential Equations & Transforms	cs/it 101	B.Tech-CSE	Skill Development	2016
2	Engineering Physics	CS/CE/ChE/EC/ EE/IT/ME 102	B.Tech-CSE	Skill Development	2016
3	Applied Chemistry	CS/CE/EC/ EE/IT/ME 103	B.Tech-CSE	Skill Development	2016
4	Environmental Studies	CS/ChE/EC/IT 104	B.Tech-CSE	Skill Development	2016
5	Problem Solving with C	cs/ce/ee/ IT/me 105	B.Tech-CSE	Employability	2016
6	Mechanics For Engineers	cs/IT 106	B.Tech-CSE	Skill Development	2016
7	Physics Lab	CS 151	B.Tech-CSE	Skill Development	2016
8	C-Programming Lab	cs 152	B.Tech-CSE	Employability	2016
9	Communication Skills Lab	cs 153	B.Tech-CSE	Employability	2016
10	Matrix Algebra & Numerical Analysis	cs/it 107	B.Tech-CSE	Skill Development	2016
11	Electronic & Electrical Engineering Materials	CS/EC/ EE/IT 108	B.Tech-CSE	Skill Development	2016
12	Chemistry for Engineering Materials	CS/CE/EC/ EE/IT/ME 109	B.Tech-CSE	Skill Development	2016
13	English for Communication	CS/ChE/EC/IT 110	B.Tech-CSE	Employability	2016
14	Object Oriented Programming	cs/IT 111	B.Tech-CSE	Employability	2016
15	Professional Ethics & Human Values	cs/it 112	B.Tech-CSE	Employability	2016
16	Chemistry Lab	CS 154	B.Tech-CSE	Skill Development	2016
17	Object Oriented Programming Lab	cs 155	B.Tech-CSE	Skill Development/Employability	2016
18	Engineering Graphics Lab	cs 156	B.Tech-CSE	Skill Development	2016
19	Mathematics-III	CS/IT 211	B.Tech-CSE	Skill Development/Employability	2012
20	Basic Electrical & Electronics Engineering	CS/IT 212	B.Tech-CSE	Skill Development/Employability	2012
21	Digital Logic Design	CS/IT 213	B.Tech-CSE	Skill Development/Employability	2012
22	Discrete Mathematical Structures	CS/IT 214	B.Tech-CSE	Skill Development	2012
23	Data Structures	CS/IT 215	B.Tech-CSE	Employability	2012
24	Object Oriented Programming	CS/IT 216	B.Tech-CSE	Employability	2012
25	Basic Electrical & Electro- nics Engineering Lab	CS/IT 251	B.Tech-CSE	Employability	2012
26	Data Structures Lab	CS/IT 252	B.Tech-CSE	Skill Development	2012
27	Object Oriented Programming Lab	CS/IT 253	B.Tech-CSE	Skill Development	2012
28	Probability & Statistics	CS/IT 221	B.Tech-CSE	Skill Development/Employability	2012
29	Computer Organization	CS/IT 222	B.Tech-CSE	Skill Development/Employability	2012
30	JAVA Programming	CS/IT 223	B.Tech-CSE	Skill Development/Employability	2012
31	Database Management Systems	CS/IT 224	B.Tech-CSE	Skill Development/Employability	2012
32	Operating Systems	CS/IT 225	B.Tech-CSE	Employability	2012
33	Design & Analysis of Algorithms	CS/IT 226	B.Tech-CSE	Skill Development/Employability	2012
34	JAVA Programming Lab	CS/IT 261	B.Tech-CSE	Skill Development/Employability	2012
35	DBMS Lab	CS/IT 262	B.Tech-CSE	Skill Development/Employability	2012
36	Communication skills Lab	CS/IT 263	B.Tech-CSE	Skill Development/Employability	2012
37	Professional Ethics & Human Values	CS/IT 311	B.Tech-CSE	Employability	2012
38	Computer Networks	CS/IT 312	B.Tech-CSE	Employability	2012
39	Unix Programming	CS/IT 313	B.Tech-CSE	Skill Development/Employability	2012
40	Automata Theory & Formal Languages	CS/IT 314	B.Tech-CSE	Employability	2012

41	Web Technologies	CS/IT 315	B.Tech-CSE	Employability	2012
42	Software Engineering	CS/IT 316	B.Tech-CSE	Employability	2012
43	UNIX Programming Lab	CS/IT 351	B.Tech-CSE	Employability	2012
44	Web Technologies Lab	CS/IT 352	B.Tech-CSE	Employability	2012
45	Advanced Communication Lab	CS/IT 353	B.Tech-CSE	Employability	2012
46	Network Programming	CS/IT 321	B.Tech-CSE	Employability	2012
47	Object Oriented Analysis & Design	CS/IT 322	B.Tech-CSE	Skill Development/Employability	2012
48	Interactive Computer Graphics	CS/IT 323	B.Tech-CSE	Skill Development/Employability	2012
49	Microprocessors& Interfacing	CS/IT 324	B.Tech-CSE	Skill Development/Employability	2012
50	Compiler Design	CS/IT 325	B.Tech-CSE	Employability	2012
51	(A) Artificial Intelligence	CS/IT 326/A	B.Tech-CSE	Employability	2012
52	(B) Multi-media Systems	CS/IT 326/B	B.Tech-CSE	Employability	2012
53	(C) Advanced Database Management Systems	CS/IT 326/C	B.Tech-CSE	Employability	2012
54	(D) Digital Image Processing	CS/IT 326/D	B.Tech-CSE	Employability	2012
55	Network Programming Lab	CS/IT 361	B.Tech-CSE	Skill Development/Employability	2012
56	Object Oriented Analysis & Design Lab	CS/IT 362	B.Tech-CSE	Skill Development/Employability	2012
57	Microprocessors& Interfacing Lab	CS/IT 363	B.Tech-CSE	Employability	2012
58	Cryptography & Network Security	CS/IT 411	B.Tech-CSE	Employability	2012
59	Distributed Systems	CS/IT 412	B.Tech-CSE	Employability	2012
60	Data Engineering	CS/IT 413	B.Tech-CSE	Skill Development/Employability	2012
61	Advanced Computer Architecture	CS 414	B.Tech-CSE	Employability	2012
62	Robotics	ME 415/A	B.Tech-CSE	Employability	2012
63	Operations Research	ME 415/B	B.Tech-CSE	Employability	2012
64	Finite Element Method	CE 415/A	B.Tech-CSE	Employability	2012
65	Remote Sensing and GIS	CE 415/B	B.Tech-CSE	Employability	2012
66	Bio Sensors & Bio Electronics	BT 415/A	B.Tech-CSE	Employability	2012
67	Biomedical Instrumentation	BT 415/B	B.Tech-CSE	Employability	2012
68	Energy Engineering	ChE 415/A	B.Tech-CSE	Employability	2012
69	Bio-fuels	ChE 415/B	B.Tech-CSE	Employability	2012
70	Applied Electronics	EC415/A	B.Tech-CSE	Employability	2012
71	Basic Communication	EC415/B	B.Tech-CSE	Employability	2012
72	Renewable Energy Sources	EE415/A	B.Tech-CSE	Employability	2012
73	Utilization of Electrical Energy	EE415/B	B.Tech-CSE	Employability	2012
74	.NET Technologies	CS/IT 416 /A	B.Tech-CSE	Skill Development/Employability	2012
75	Open Source Systems	CS/IT 416 /B	B.Tech-CSE	Skill Development/Employability	2012
76	Mobile computing	CS/IT 416 /C	B.Tech-CSE	Skill Development/Employability	2012
77	Software Testing Methodologies	CS/IT 416 /D	B.Tech-CSE	Skill Development/Employability	2012
78	Term Paper	CS/IT 451	B.Tech-CSE	Employability	2012
79	Data Engineering Lab	CS/IT 452	B.Tech-CSE	Skill Development/Employability	2012
80	.NET Technologies	CS/IT 453 /A	B.Tech-CSE	Skill Development/Employability	2012
81	Open Source Systems	CS/IT 453 /B	B.Tech-CSE	Skill Development/Employability	2012
82	Mobile computing	CS/IT 453 /C	B.Tech-CSE	Skill Development/Employability	2012
83	Software Testing Methodologies	CS/IT 453 /D	B.Tech-CSE	Skill Development/Employability	2012
84	Industrial Engineering & Management	CS/IT 421	B.Tech-CSE	Employability/Entrepreneurship	2012
85	Cloud Computing	CS 422	B.Tech-CSE	Skill Development/Employability	2012
86	J2EE Web Services	CS/IT 423	B.Tech-CSE	Skill Development/Employability	2012
87	Information Storage Management	CS/IT 424 /A	B.Tech-CSE	Skill Development/Employability	2012
88	Big Data Analytics	CS/IT 424 /B	B.Tech-CSE	Skill Development/Employability	2012
89	Python	CS/IT 424 /C	B.Tech-CSE	Skill Development/Employability	2012
90	Big Data Technologies	CS/IT 424 /D	B.Tech-CSE	Skill Development/Employability	2012
91	CS461 J2EE Web Services	CS/IT 461	B.Tech-CSE	Skill Development/Employability	2012
92	Project Work	CS/IT 462	B.Tech-CSE	Skill Development/Employability	2012
93	Advanced Data Structures	CSE 511	M.Tech-CSE	Skill Development/Employability	2015
94	Data Base Management System	CSE 512	M.Tech-CSE	Skill Development/Employability	2015
95	Computer Networks	CSE 513	M.Tech-CSE	Employability	2015
96	Object Oriented Software Engineering	CSE 611E	M.Tech-CSE	Skill Development/Employability	2015
97	Artificial Intelligence	CSE 612E	M.Tech-CSE	Skill Development/Employability	2015
98	BIG Data	CSE 613E	M.Tech-CSE	Skill Development/Employability	2015
99	Embedded Systems	CSE 614E	M.Tech-CSE	Skill Development/Employability	2015
100	Network & Internet Security	CSE 615E	M.Tech-CSE	Skill Development/Employability	2015
101	Software Project Management	CSE 616E	M.Tech-CSE	Skill Development/Employability	2015
102	Natural Language Processing	CSE 617E	M.Tech-CSE	Skill Development/Employability	2015
103	Network Programming	CSE 618E	M.Tech-CSE	Skill Development/Employability	2015
104	Cloud Computing	CSE 619E	M.Tech-CSE	Skill Development/Employability	2015
105	Data Structures Lab	CSE 551	M.Tech-CSE	Skill Development/Employability	2015
106	DBMS Lab	CSE 552	M.Tech-CSE	Skill Development/Employability	2015
107	Data Engineering	CSE 514	M.Tech-CSE	Skill Development/Employability	2015
108	Design Analysis of Algorithms	CSE 515	M.Tech-CSE	Skill Development/Employability	2015
109	LINUX Programming	CSE 516	M.Tech-CSE	Skill Development/Employability	2015
110	Real Time Systems	CSE 620E	M.Tech-CSE	Skill Development/Employability	2015
111	Wireless Networks	CSE 621E	M.Tech-CSE	Skill Development/Employability	2015
112	Compiler Design	CSE 622E	M.Tech-CSE	Employability	2015
113	Mobile Application Development	CSE 623E	M.Tech-CSE	Skill Development/Employability	2015
114	Digital Image Processing	CSE 624E	M.Tech-CSE	Employability	2015
115	Distributed Systems	CSE 625E	M.Tech-CSE	Skill Development/Employability	2015
116	Advanced Computer Architecture	CSE 626E	M.Tech-CSE	Skill Development/Employability	2015
117	Bio informatics	CSE 627E	M.Tech-CSE	Employability	2015
118	Multimedia Systems	CSE 628E	M.Tech-CSE	Skill Development/Employability	2015
119	Data Engineering Lab	CSE 553	M.Tech-CSE	Skill Development/Employability	2015
120	LINUX Programming Lab	CSE 554	M.Tech-CSE	Skill Development/Employability	2015
121	Internship	CSE 711	M.Tech-CSE	Skill Development/Employability	2015
122	Seminar	CSE 712	M.Tech-CSE	Skill Development/Employability	2015
123	Project Viva voce	CSE 713	M.Tech-CSE	Skill Development/Employability	2015

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S.No	Name of the Course	Course Code	Name of the Program	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
1	Differential Equations & Transforms	cs/it 101	B.Tech-CSE	Skill Development	2016
2	Engineering Physics	CS/CE/ChE/EC/ EE/IT/ME 102	B.Tech-CSE	Skill Development	2016
3	Applied Chemistry	CS/CE/EC/ EE/IT/ME 103	B.Tech-CSE	Skill Development	2016
4	Environmental Studies	CS/ChE/EC/IT 104	B.Tech-CSE	Skill Development	2016
5	Problem Solving with C	cs/ce/ee/ IT/me 105	B.Tech-CSE	Employability	2016
6	Mechanics For Engineers	cs/IT 106	B.Tech-CSE	Skill Development	2016
7	Physics Lab	CS 151	B.Tech-CSE	Skill Development	2016
8	C-Programming Lab	cs 152	B.Tech-CSE	Employability	2016
9	Communication Skills Lab	cs 153	B.Tech-CSE	Employability	2016
10	Matrix Algebra & Numerical Analysis	cs/it 107	B.Tech-CSE	Skill Development	2016

11	Electronic & Electrical Engineering Materials	CS/EC/ EE/IT 108	B.Tech-CSE	Skill Development	2016
12	Chemistry for Engineering Materials	CS/CE/EC/ EE/IT/ME 109	B.Tech-CSE	Skill Development	2016
13	English for Communication	CS/Che/EC/IT 110	B.Tech-CSE	Employability	2016
14	Object Oriented Programming	cs/IT 111	B.Tech-CSE	Employability	2016
15	Professional Ethics & Human Values	cs/it 112	B.Tech-CSE	Employability	2016
16	Chemistry Lab	CS 154	B.Tech-CSE	Skill Development	2016
17	Object Oriented Programming Lab	cs 155	B.Tech-CSE	Skill Development/Employability	2016
18	Engineering Graphics Lab	cs 156	B.Tech-CSE	Skill Development	2016
19	Probability-Statistics & Random Processes	CS/it 201	B.Tech-CSE	Skill Development	2016
20	Basic Electrical & Electronics Engineering	CS/it 202	B.Tech-CSE	Skill Development	2016
21	Digital Logic Design	CS/IT 203	B.Tech-CSE	Skill Development	2016
22	Data Structures	CS/IT 204	B.Tech-CSE	Employability	2016
23	Computer Organization	CS/IT 205	B.Tech-CSE	Employability	2016
24	Discrete Mathematical Structures	CS/IT 206*	B.Tech-CSE	Skill Development	2016
25	Basic Electrical & Electronics Engineering Lab	CS 251	B.Tech-CSE	Skill Development	2016
26	Data Structures Lab	CS 252	B.Tech-CSE	Skill Development/Employability	2016
27	Professional Communication Skills Lab	CS 253	B.Tech-CSE	Skill Development/Employability	2016
28	Number theory & Algebra	CS/IT 207	B.Tech-CSE	Skill Development	2016
29	Microprocessors & Interfacing	CS/IT 208	B.Tech-CSE	Skill Development	2016
30	Theory of Computation	CS/IT 209	B.Tech-CSE	Employability	2016
31	Database Management Systems	CS/IT 210	B.Tech-CSE	Employability	2016
32	Java Programming	CS/IT 211	B.Tech-CSE	Employability	2016
33	Operating Systems	CS/IT 212*	B.Tech-CSE	Employability	2016
34	Microprocessors & Interfacing Lab	CS 254	B.Tech-CSE	Skill Development	2016
35	Database Management Systems Lab	CS 255	B.Tech-CSE	Skill Development/Employability	2016
36	Java Programming Lab	CS 256	B.Tech-CSE	Employability	2016
37	Professional Ethics & Human Values	CS/IT 311	B.Tech-CSE	Employability	2012
38	Computer Networks	CS/IT 312	B.Tech-CSE	Employability	2012
39	Unix Programming	CS/IT 313	B.Tech-CSE	Skill Development/Employability	2012
40	Automata Theory & Formal Languages	CS/IT 314	B.Tech-CSE	Employability	2012
41	Web Technologies	CS/IT 315	B.Tech-CSE	Employability	2012
42	Software Engineering	CS/IT 316	B.Tech-CSE	Employability	2012
43	UNIX Programming Lab	CS/IT 351	B.Tech-CSE	Employability	2012
44	Web Technologies Lab	CS/IT 352	B.Tech-CSE	Employability	2012
45	Advanced Communication Lab	CS/IT 353	B.Tech-CSE	Employability	2012
46	Network Programming	CS/IT 321	B.Tech-CSE	Employability	2012
47	Object Oriented Analysis & Design	CS/IT 322	B.Tech-CSE	Skill Development/Employability	2012
48	Interactive Computer Graphics	CS/IT 323	B.Tech-CSE	Skill Development/Employability	2012
49	Microprocessors& Interfacing	CS/IT 324	B.Tech-CSE	Skill Development/Employability	2012
50	Compiler Design	CS/IT 325	B.Tech-CSE	Employability	2012
51 (A)	Artificial Intelligence	CS/IT 326/A	B.Tech-CSE	Employability	2012
52 (B)	Multi-media Systems	CS/IT 326/B	B.Tech-CSE	Employability	2012
53 (C)	Advanced Database Management Systems	CS/IT 326/C	B.Tech-CSE	Employability	2012
54 (D)	Digital Image Processing	CS/IT 326/D	B.Tech-CSE	Employability	2012
55	Network Programming Lab	CS/IT 361	B.Tech-CSE	Skill Development/Employability	2012
56	Object Oriented Analysis & Design Lab	CS/IT 362	B.Tech-CSE	Skill Development/Employability	2012
57	Microprocessors& Interfacing Lab	CS/IT 363	B.Tech-CSE	Employability	2012
58	Cryptography & Network Security	CS/IT 411	B.Tech-CSE	Employability	2012
59	Distributed Systems	CS/IT 412	B.Tech-CSE	Employability	2012
60	Data Engineering	CS/IT 413	B.Tech-CSE	Skill Development/Employability	2012
61	Advanced Computer Architecture	CS 414	B.Tech-CSE	Employability	2012
62	Robotics	ME 415/A	B.Tech-CSE	Employability	2012
63	Operations Research	ME 415/B	B.Tech-CSE	Employability	2012
64	Finite Element Method	CE 415/A	B.Tech-CSE	Employability	2012
65	Remote Sensing and GIS	CE 415/B	B.Tech-CSE	Employability	2012
66	Bio Sensors & Bio Electronics	BT 415/A	B.Tech-CSE	Employability	2012
67	Biomedical Instrumentation	BT 415/B	B.Tech-CSE	Employability	2012
68	Energy Engineering	ChE 415/A	B.Tech-CSE	Employability	2012
69	Bio-fuels	ChE 415/B	B.Tech-CSE	Employability	2012
70	Applied Electronics	EC415/A	B.Tech-CSE	Employability	2012
71	Basic Communication	EC415/B	B.Tech-CSE	Employability	2012
72	Renewable Energy Sources	EE415/A	B.Tech-CSE	Employability	2012
73	Utilization of Electrical Energy	EE415/B	B.Tech-CSE	Employability	2012
74	.NET Technologies	CS/IT 416 /A	B.Tech-CSE	Skill Development/Employability	2012
75	Open Source Systems	CS/IT 416 /B	B.Tech-CSE	Skill Development/Employability	2012
76	Mobile computing	CS/IT 416 /C	B.Tech-CSE	Skill Development/Employability	2012
77	Software Testing Methodologies	CS/IT 416 /D	B.Tech-CSE	Skill Development/Employability	2012
78	Term Paper	CS/IT 451	B.Tech-CSE	Employability	2012
79	Data Engineering Lab	CS/IT 452	B.Tech-CSE	Skill Development/Employability	2012
80	.NET Technologies	CS/IT 453 /A	B.Tech-CSE	Skill Development/Employability	2012
81	Open Source Systems	CS/IT 453 /B	B.Tech-CSE	Skill Development/Employability	2012
82	Mobile computing	CS/IT 453 /C	B.Tech-CSE	Skill Development/Employability	2012
83	Software Testing Methodologies	CS/IT 453 /D	B.Tech-CSE	Skill Development/Employability	2012
84	Industrial Engineering & Management	CS/IT 421	B.Tech-CSE	Employability/Entrepreneurship	2012
85	Cloud Computing	CS 422	B.Tech-CSE	Skill Development/Employability	2012
86	J2EE Web Services	CS/IT 423	B.Tech-CSE	Skill Development/Employability	2012
87	Information Storage Management	CS/IT 424 /A	B.Tech-CSE	Skill Development/Employability	2012
88	Big Data Analytics	CS/IT 424 /B	B.Tech-CSE	Skill Development/Employability	2012
89	Python	CS/IT 424 /C	B.Tech-CSE	Skill Development/Employability	2012
90	Big Data Technologies	CS/IT 424 /D	B.Tech-CSE	Skill Development/Employability	2012
91	CS461 J2EE Web Services	CS/IT 461	B.Tech-CSE	Skill Development/Employability	2012
92	Project Work	CS/IT 462	B.Tech-CSE	Skill Development/Employability	2012
93	Advanced Data Structures & Algorithms	CS511	M.Tech-CSE	Skill Development/Employability	2017
94	Multi-Core Architectures & Programming	CS512	M.Tech-CSE	Skill Development/Employability	2017
95	Data Science	CS513	M.Tech-CSE	Skill Development/Employability	2017
96	Artificial Intelligence & Agent Technologies	CS 571	M.Tech-CSE	Skill Development/Employability	2017
97	Natural Language Processing	CS 572	M.Tech-CSE	Skill Development/Employability	2017
98	Advanced Databases	CS 573	M.Tech-CSE	Skill Development/Employability	2017
99	Distributed Computing	CS 574	M.Tech-CSE	Skill Development/Employability	2017
100	Wireless Networks & Mobile Computing	CS 575	M.Tech-CSE	Skill Development/Employability	2017
101	Agile Software Methodologies	CS 576	M.Tech-CSE	Skill Development/Employability	2017
102	Information Security	CS 577	M.Tech-CSE	Skill Development/Employability	2017
103	Design Thinking and Innovation	CS 578	M.Tech-CSE	Skill Development/Employability	2017
104	Network Technologies	CS 579	M.Tech-CSE	Skill Development/Employability	2017
105	Ethical Hacking & Computer Forensics(LBD)	CS 580	M.Tech-CSE	Skill Development/Employability	2017
106	Scripting Languages (LBD)	CS 581	M.Tech-CSE	Skill Development/Employability	2017
107	Mobile Application Development (LBD)	CS 582	M.Tech-CSE	Skill Development/Employability	2017
108	Advanced Data Structures Lab	CS 551	M.Tech-CSE	Skill Development/Employability	2017
109	Data Science Lab	CS 552	M.Tech-CSE	Skill Development/Employability	2017
110	Machine Learning	CS 521	M.Tech-CSE	Skill Development/Employability	2017
111	Cloud Computing	CS 522	M.Tech-CSE	Skill Development/Employability	2017

112	Internet of Things	CS 523	M.Tech-CSE	Skill Development/Employability	2017
113	Soft Computing	CS 585	M.Tech-CSE	Skill Development/Employability	2017
114	Human Computer Interaction	CS 586	M.Tech-CSE	Skill Development/Employability	2017
115	Social Network & Semantic Web	CS 587	M.Tech-CSE	Employability	2017
116	Multimedia Computing	CS 588	M.Tech-CSE	Employability	2017
117	Software Project Management	CS 589	M.Tech-CSE	Skill Development/Employability	2017
118	Software Defined Networks	CS 590	M.Tech-CSE	Skill Development/Employability	2017
119	Advanced Data Mining	CS 591	M.Tech-CSE	Skill Development/Employability	2017
120	Gaming Engineering	CS 592	M.Tech-CSE	Employability	2017
121	Cyber Security	CS 593	M.Tech-CSE	Skill Development/Employability	2017
122	Software Testing & Quality Assurance (LBD)	CS 594	M.Tech-CSE	Skill Development/Employability	2017
123	Internet Technologies and Web Services (LBD)	CS 595	M.Tech-CSE	Skill Development/Employability	2017
124	Visual Programming (LBD)	CS 596	M.Tech-CSE	Skill Development/Employability	2017
125	Machine Learning Lab	CS 561	M.Tech-CSE	Skill Development/Employability	2017
126	Internet of Things Lab	CS 562	M.Tech-CSE	Skill Development/Employability	2017
127	Internship	CSE 711	M.Tech-CSE	Skill Development/Employability	2015
128	Seminar	CSE 712	M.Tech-CSE	Skill Development/Employability	2015
129	Project Viva voce	CSE 713	M.Tech-CSE	Skill Development/Employability	2015

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S.No	Name of the Course	Course Code	Name of the Program	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
1	Mathematics –I	CS/IT 111	B.Tech-CSE	Skill Development/Employability	2018
2	Engineering Physics	CS/IT 112	B.Tech-CSE	Employability	2018
3	Basic Electrical Engineering	CS/IT/EC 113	B.Tech-CSE	Skill Development/Employability	2018
4	Introduction to Computing	CS V002	B.Tech-CSE	Employability	2018
5	Physics Lab	CS/IT 151	B.Tech-CSE	Employability	2018
6	Basic Electrical Engineering Lab	CS/IT/EC 152	B.Tech-CSE	Skill development	2018
7	Engineering Graphics and Design Lab	CS/IT/CH/EC 153	B.Tech-CSE	Skill Development/Employability	2018
8	Mathematics –II	CS/IT 121	B.Tech-CSE	Skill Development/Employability	2018
9	Engineering Chemistry	CS/CE/IT 122	B.Tech-CSE	Skill Development/Employability	2018
10	Programming for Problem Solving	CS/CE/CH/IT/EE/EC/ME 123	B.Tech-CSE	Employability	2018
11	English for Communication Skills	CS/CH/IT/EC 124	B.Tech-CSE	Skill Development/Employability	2018
12	Environmental Science	MC 002	B.Tech-CSE	Employability	2018
13	English Competency Development Program	CS V001	B.Tech-CSE	Employability	2018
14	Chemistry Lab	CS/CE/IT 161	B.Tech-CSE	Skill Development/Employability	2018
15	Programming for Problem Solving Lab	CS/CE/CH/IT/EE/EC/ME 162	B.Tech-CSE	Skill Development/Employability	2018
16	Workshop Practices Lab	CS/CH/IT/EC 163	B.Tech-CSE	Skill Development/Employability	2018
17	English Language Communication Skills Lab	CS/CH/IT/EC 164	B.Tech-CSE	Skill Development/Employability	2018
18	Probability-Statistics & Random Processes	CS/it 201	B.Tech-CSE	Skill Development	2016
19	Basic Electrical & Electronics Engineering	CS/it 202	B.Tech-CSE	Skill Development	2016
20	Digital Logic Design	CS/IT 203	B.Tech-CSE	Skill Development	2016
21	Data Structures	CS/IT 204	B.Tech-CSE	Employability	2016
22	Computer Organization	CS/IT 205	B.Tech-CSE	Employability	2016
23	Discrete Mathematical Structures	CS/IT 206*	B.Tech-CSE	Skill Development	2016
24	Basic Electrical & Electronics Engineering Lab	CS 251	B.Tech-CSE	Skill Development	2016
25	Data Structures Lab	CS 252	B.Tech-CSE	Skill Development/Employability	2016
26	Professional Communication Skills Lab	CS 253	B.Tech-CSE	Skill Development/Employability	2016
27	Number theory & Algebra	CS/IT 207	B.Tech-CSE	Skill Development	2016
28	Microprocessors & Interfacing	CS/IT 208	B.Tech-CSE	Skill Development	2016
29	Theory of Computation	CS/IT 209	B.Tech-CSE	Employability	2016
30	Database Management Systems	CS/IT 210	B.Tech-CSE	Employability	2016
31	Java Programming	CS/IT 211	B.Tech-CSE	Employability	2016
32	Operating Systems	CS/IT 212*	B.Tech-CSE	Employability	2016
33	Microprocessors & Interfacing Lab	CS 254	B.Tech-CSE	Skill Development	2016
34	Database Management Systems Lab	CS 255	B.Tech-CSE	Skill Development/Employability	2016
35	Java Programming Lab	CS 256	B.Tech-CSE	Employability	2016
36	Computer Networks	CS/IT 301	B.Tech-CSE	Employability	2016
37	Web Technologies	CS/IT 302	B.Tech-CSE	Employability	2016
38	Design & Analysis of Algorithms	CS/IT 303	B.Tech-CSE	Employability	2016
39	Unix Programming	CS/IT 304	B.Tech-CSE	Employability	2016
40	Compiler Design	CS/IT 305*	B.Tech-CSE	Employability	2016
41	Software Engineering	CS/IT 306*	B.Tech-CSE	Employability	2016
42	Web Technologies Lab	CS 351	B.Tech-CSE	Skill Development/Employability	2016
43	Design & Analysis of Algorithms Lab	CS 352	B.Tech-CSE	Skill Development/Employability	2016
44	Unix Programming Lab	CS 353	B.Tech-CSE	Skill Development/Employability	2016
45	Network Programming	CS/IT 307	B.Tech-CSE	Employability	2016
46	Data Engineering	CS/IT 308	B.Tech-CSE	Employability	2016
47	Object Oriented Analysis & Design	CS/IT 309	B.Tech-CSE	Employability	2016
48	Cryptography & Network Security	CS/IT 310	B.Tech-CSE	Employability	2016
49	(A) Artificial Intelligence (CS/IT)	CS/IT 311 /A	B.Tech-CSE	Employability	2016
50	(B) Principles of Programming Languages (CS/IT)	CS/IT 311 /B	B.Tech-CSE	Employability	2016
51	(C) Software Testing Methodologies	CS/IT 311 /C	B.Tech-CSE	Employability	2016
52	(D) Multimedia Computing	CS/IT 311 /D	B.Tech-CSE	Employability	2016
53	(A) Embedded Systems (CS/IT)	CS/IT 312 /A	B.Tech-CSE	Employability	2016
54	(B) Advanced Databases (CS/IT)	CS/IT 312 /B	B.Tech-CSE	Employability	2016
55	(C)Advanced Data Structures	CS/IT 312 /C	B.Tech-CSE	Employability	2016
56	(D) Advanced Computer Architecture	CS/IT 312 /D	B.Tech-CSE	Employability	2016
57	Network Programming Lab	CS 354	B.Tech-CSE	Skill Development/Employability	2016
58	Data Engineering Lab	CS 355	B.Tech-CSE	Skill Development/Employability	2016
59	OOAD Lab	CS 356	B.Tech-CSE	Employability	2016
60	Cryptography & Network Security	CS/IT 411	B.Tech-CSE	Employability	2012
61	Distributed Systems	CS/IT 412	B.Tech-CSE	Employability	2012
62	Data Engineering	CS/IT 413	B.Tech-CSE	Skill Development/Employability	2012
63	Advanced Computer Architecture	CS 414	B.Tech-CSE	Employability	2012
64	Robotics	ME 415/A	B.Tech-CSE	Employability	2012
65	Operations Research	ME 415/B	B.Tech-CSE	Employability	2012
66	Finite Element Method	CE 415/A	B.Tech-CSE	Employability	2012
67	Remote Sensing and GIS	CE 415/B	B.Tech-CSE	Employability	2012
68	Bio Sensors & Bio Electronics	BT 415/A	B.Tech-CSE	Employability	2012
69	Biomedical Instrumentation	BT 415/B	B.Tech-CSE	Employability	2012
70	Energy Engineering	ChE 415/A	B.Tech-CSE	Employability	2012
71	Bio-fuels	ChE 415/B	B.Tech-CSE	Employability	2012
72	Applied Electronics	EC415/A	B.Tech-CSE	Employability	2012
73	Basic Communication	EC415/B	B.Tech-CSE	Employability	2012
74	Renewable Energy Sources	EE415/A	B.Tech-CSE	Employability	2012
75	Utilization of Electrical Energy	EE415/B	B.Tech-CSE	Employability	2012
76	NET Technologies	CS/IT 416 /A	B.Tech-CSE	Skill Development/Employability	2012
77	Open Source Systems	CS/IT 416 /B	B.Tech-CSE	Skill Development/Employability	2012

78	Mobile computing	CS/IT 416 /C	B.Tech-CSE	Skill Development/Employability	2012
79	Software Testing Methodologies	CS/IT 416 /D	B.Tech-CSE	Skill Development/Employability	2012
80	Term Paper	CS/IT 451	B.Tech-CSE	Employability	2012
81	Data Engineering Lab	CS/IT 452	B.Tech-CSE	Skill Development/Employability	2012
82	.NET Technologies	CS/IT 453 /A	B.Tech-CSE	Skill Development/Employability	2012
83	Open Source Systems	CS/IT 453 /B	B.Tech-CSE	Skill Development/Employability	2012
84	Mobile computing	CS/IT 453 /C	B.Tech-CSE	Skill Development/Employability	2012
85	Software Testing Methodologies	CS/IT 453 /D	B.Tech-CSE	Skill Development/Employability	2012
86	Industrial Engineering & Management	CS/IT 421	B.Tech-CSE	Employability/Entrepreneurship	2012
87	Cloud Computing	CS 422	B.Tech-CSE	Skill Development/Employability	2012
88	J2EE Web Services	CS/IT 423	B.Tech-CSE	Skill Development/Employability	2012
89	Information Storage Management	CS/IT 424 /A	B.Tech-CSE	Skill Development/Employability	2012
90	Big Data Analytics	CS/IT 424 /B	B.Tech-CSE	Skill Development/Employability	2012
91	Python	CS/IT 424 /C	B.Tech-CSE	Skill Development/Employability	2012
92	Big Data Technologies	CS/IT 424 /D	B.Tech-CSE	Skill Development/Employability	2012
93	CS461 J2EE Web Services	CS/IT 461	B.Tech-CSE	Skill Development/Employability	2012
94	Project Work	CS/IT 462	B.Tech-CSE	Skill Development/Employability	2012
95	MOOCS	CS 651	M.Tech-CSE	Skill Development/Employability	2017
96	INTERNSHIP	CS 652	M.Tech-CSE	Skill Development/Employability	2017
97	Project Review	CS 653	M.Tech-CSE	Skill Development/Employability	2017
98	Project Work	CS661	M.Tech-CSE	Skill Development/Employability	2017
99	Advanced Data Structures & Algorithms	CS511	M.Tech-CSE	Skill Development/Employability	2017
100	Multi-Core Architectures & Programming	CS512	M.Tech-CSE	Skill Development/Employability	2017
101	Data Science	CS513	M.Tech-CSE	Skill Development/Employability	2017
102	Artificial Intelligence & Agent Technologies	CS 571	M.Tech-CSE	Skill Development/Employability	2017
103	Natural Language Processing	CS 572	M.Tech-CSE	Skill Development/Employability	2017
104	Advanced Databases	CS 573	M.Tech-CSE	Skill Development/Employability	2017
105	Distributed Computing	CS 574	M.Tech-CSE	Skill Development/Employability	2017
106	Wireless Networks & Mobile Computing	CS 575	M.Tech-CSE	Skill Development/Employability	2017
107	Agile Software Methodologies	CS 576	M.Tech-CSE	Skill Development/Employability	2017
108	Information Security	CS 577	M.Tech-CSE	Skill Development/Employability	2017
109	Design Thinking and Innovation	CS 578	M.Tech-CSE	Skill Development/Employability	2017
110	Network Technologies	CS 579	M.Tech-CSE	Skill Development/Employability	2017
111	Ethical Hacking & Computer Forensics(LBD)	CS 580	M.Tech-CSE	Skill Development/Employability	2017
112	Scripting Languages (LBD)	CS 581	M.Tech-CSE	Skill Development/Employability	2017
113	Mobile Application Development (LBD)	CS 582	M.Tech-CSE	Skill Development/Employability	2017
114	Advanced Data Structures Lab	CS 551	M.Tech-CSE	Skill Development/Employability	2017
115	Data Science Lab	CS 552	M.Tech-CSE	Skill Development/Employability	2017
116	Machine Learning	CS 521	M.Tech-CSE	Skill Development/Employability	2017
117	Cloud Computing	CS 522	M.Tech-CSE	Skill Development/Employability	2017
118	Internet of Things	CS 523	M.Tech-CSE	Skill Development/Employability	2017
119	Soft Computing	CS 585	M.Tech-CSE	Skill Development/Employability	2017
120	Human Computer Interaction	CS 586	M.Tech-CSE	Skill Development/Employability	2017
121	Social Network & Semantic Web	CS 587	M.Tech-CSE	Employability	2017
122	Multimedia Computing	CS 588	M.Tech-CSE	Employability	2017
123	Software Project Management	CS 589	M.Tech-CSE	Skill Development/Employability	2017
124	Software Defined Networks	CS 590	M.Tech-CSE	Skill Development/Employability	2017
125	Advanced Data Mining	CS 591	M.Tech-CSE	Skill Development/Employability	2017
126	Gaming Engineering	CS 592	M.Tech-CSE	Employability	2017
127	Cyber Security	CS 593	M.Tech-CSE	Skill Development/Employability	2017
128	Software Testing & Quality Assurance (LBD)	CS 594	M.Tech-CSE	Skill Development/Employability	2017
129	Internet Technologies and Web Services (LBD)	CS 595	M.Tech-CSE	Skill Development/Employability	2017
130	Visual Programming (LBD)	CS 596	M.Tech-CSE	Skill Development/Employability	2017
131	Machine Learning Lab	CS 561	M.Tech-CSE	Skill Development/Employability	2017
132	Internet of Things Lab	CS 562	M.Tech-CSE	Skill Development/Employability	2017