

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Absorption Scheme for B.E.(C.B.S.) to B.Tech.(C.B.C.S)
Branch : COMPUTER SCIENCE & ENGINEERING

S.N.	As per C.B.S. Pattern		As per C.B.C.S. Pattern		
	Subject Code	Subject	Subject	Sem	Subject code
THIRD SEMESTER					
1	BECSE201T	Applied Mathematics	Applied Mathematics – III	3	BTECHCSE301T
2	BECSE202T	Advance “C” & Programming Logic Design	Elective3: Data Science	6	BTECHCSE604T
3	BECSE202P	Advance “C” & Programming Logic Design Lab	Professional Skill Lab -2	6	BTECHCSE606P
4	BECSE203T	Digital Circuits & Fund. Of Microprocessor	Computer Architecture & Digital System	3	BTECHCSE304T
5	BECSE203P	Digital Circuits & Fund. Of Microprocessor Lab	Professional Skill Lab -1	6	BTECHCSE506P
6	BECSE204T	Ethics in IT	Ethics in IT	3	BTECHCSE305T
7	BECSE205T	Computer Architecture and Organization	Computer Architecture & Digital System	3	BTECHCSE304T
8	BECSE206T	Computer Workshop - 1 Lab	Computer Workshop-I	3	BTECHCSE308P
9	BECSE207T	Environmental Engineering (Audit Course)	Environment Science (Audit)	3	BTECHCSE307T
FOURTH SEMESTER					
10	BECSE208T	Discrete Mathematics and Graph Theory	Discrete Mathematics and Graph Theory	4	BTECHCSE401T
11	BECSE209T	Data Structure and Program Design	Data Structure and Program Design	4	BTECHCSE402T
12	BECSE209P	Data Structure and Program Design Lab	Data Structure and Program Design Lab	4	BTECHCSE402P
13	BECSE210T	Operating System	Operating System	3	BTECHCSE303T
14	BECSE210P	Operating System Lab	Operating System	3	BTECHCSE303P

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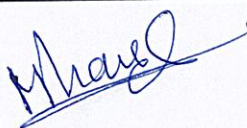
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15	BECSE211T	Theoretical Foundations of Computer Science	Theory of Computation	4	BTECHCSE405T
16	BECSE212T	System Programming	System Programming	4	BTECHCSE406T
17	BECSE213P	Computer Workshop -2 Lab	Computer Workshop-II (Python)	4	BTECHCSE407P
FIFTH SEMESTER					
18	BECSE301T	Data Communication	Elective-1 TCP/IP	5	BTECHCSE505T
19	BECSE302T	Object Oriented Programming	Object Oriented Programming with Java	3	BTECHCSE302T
20	BECSE302P	Object Oriented Programming Lab	Object Oriented Programming with Java Lab	3	BTECHCSE303T
21	BECSE303T	Database Management System	Database Managements Systems	4	BTECHCSE403T
22	BECSE303P	Database Management System Lab	Database Managements Systems Lab	4	BTECHCSE403P
23	BECSE304T	Computer Graphics	Elective-2 Machine Learning	6	BTECHCSE603T
24	BECSE305T	Design & Analysis of Algorithms	Design & Analysis of Algorithms	5	BTECHCSE504T
25	BECSE305P	Design & Analysis of Algorithms –Lab	Design & Analysis of Algorithms –Lab	5	BTECHCSE504P
SIXTH SEMESTER					
26	BECSE306T	Artificial Intelligence	Artificial Intelligence	5	BTECHCSE501T
27	BECSE307T	Design Patterns	Elective-I Design Patterns	5	BTECHCSE505T
28	BECSE307P	Design Patterns lab	Artificial Intelligence - Lab	5	BTECHCSE501P
29	BECSE308T	Communication Skill	Effective Technical Communication	5	BTECHCSE503T
30	BECSE309T	Software Engineering & Project Management	Software Engineering & Project Management	5	BTECHCSE502T
31	BECSE310T	Computer Networks	Computer Networks	4	BTECHCSE404T
32	BECSE310P	Computer Networks Lab	Internship	4	BTECHCSE408
33	BECSE311P	Mini Project	Mini Project	6	BTECHCSE607P

SEVENTH SEMESTER





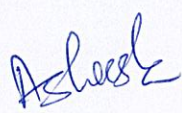
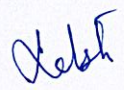


34	BECSE401T	Data Warehousing & Mining	ELECTIVE -I : DATA WAREHOUSING AND MINING	5	BTECH_CSE-504.3T
35	BECSE401P	Data Warehousing & Mining Lab	Mini Project	6	BTECHCSE607P
36	BECSE402T	Language Processor	Compiler Design	6	BTECH_CSE-601T
37	BECSE402P	Language Processor Lab	Compiler Design Lab	6	BTECH_CSE-601P
38	BECSE403T	ELECTIVE-I TCP and IP,	ELECTIVE -I : TCP/IP	5	BTECH_CSE-504.1T
39	BECSE403T	ELECTIVE-I Advanced Computer Architecture,	Elective 6: GPU Architectures and Programming	8	BTECHCSE802T
40	BECSE403T	ELECTIVE-I Big Data Analysis & Business Intelligence,	Program Elective-V - Big Data Analytics	7	BTECHCSE703T
41	BECSE403T	ELECTIVE-I Parallel and Network Algorithm.	Elective 6: Social Networks	8	BTECHCSE802T
42	BECSE404T	ELECTIVE-II Computational Geometry,	Elective IV: Gaming Architecture	7	BTECHCSE702T
43	BECSE404T	ELECTIVE-II Mobile Computing,	Program Elective-V - Mobile Computing	7	BTECHCSE703T
44	BECSE404T	ELECTIVE-II Real Time Operating System,	Elective 4: Salesforce Technology	7	BTECHCSE702T
45	BECSE404T	ELECTIVE-II Software Architecture,	Elective 4: Salesforce Technology	7	BTECHCSE702T
46	BECSE404T	ELECTIVE-II Mainframe Technologies.	Elective 6: Reinforcement Learning	8	BTECHCSE802T
47	BECSE405P	Project and Seminar	Project	7	BTECHCSE705T

EIGHTH SEMESTER

48	BECSE406T	Distributed Operating system	Program Elective-III - Distributed Operating system	6	BTECH_CSE-603.2T
49	BECSE406P	Distributed Operating system Lab	Project	7	BTECHCSE705T
50	BECSE407T	Information & Cyber Security	Cryptography & Network Security	8	BTECHCSE701T
51	BECSE407P	Information & Cyber Security Lab	Cryptography & Network Security	8	BTECHCSE701P
52	BECSE408T	ELECTIVE-III Pattern Recognition,	Elective 7: Predictive Analytics - Regression and Classification	8	BTECHCSE803T
53	BECSE408T	Techniques,	Elective 4: Deep Learning	7	BTECHCSE702T
54	BECSE408T	ELECTIVE-III Optimization Techniques,	Program Elective-IV - Optimization Techniques	7	BTECHCSE702T




55	BECSE408T	Computing.	Program Elective-II - Cloud Computing	6	BTECH_CSE-602.3T
56	BECSE409T	ELECTIVE-IV Advance Wireless Sensor Network,	Elective 7: Blockchain and its Applications	8	BTECHCSE803T
57	BECSE409T	Processing,	Elective 7: Computer Vision	8	BTECHCSE803T
58	BECSE409T	ELECTIVE-IV Natural Language Processing,	Program Elective-V - Natural Language Processing	7	BTECHCSE703T
59	BECSE409T	ELECTIVE-IV Digital Forensic.	Elective 7: Blockchain and its Applications	8	BTECHCSE803T
60	BECSE410P	Project and Seminar	Industry Project/Project	8	BTECHCSE801T