

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Absorption Scheme for B.E.(C.B.S.) to B.Tech.(C.B.C.S)
Branch : Information Technology

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	BEIT301T	Applied Mathematics-III	Applied Mathematics-III	3	BTIT301T
2	BEIT302T	Programming Logic and Design using 'C'	Programming Logic & Design using 'C'	3	BTIT302T
3	BEIT302P	Programming Logic and Design using 'C'	Programming Logic & Design using 'C'	3	BTIT302P
4	BEIT303T	Ethics in Information Technology	Emerging Trends in Information Technology	3	BTIT304T
5	BEIT304T	Digital Electronics and Fundamentals of Microprocessor	Digital Electronics and Fundamental of Microprocessor	3	BTIT303T
6	BEIT304P	Digital Electronics and Fundamentals of Microprocessor	Digital Electronics and Fundamental of Microprocessor	3	BTIT303P
7	BEIT305T	Data Communication	Introduction to Computer Network	4	BTIT405T
8	BEIT306T	Environmental Engineering	Environmental Science (Audit)	3	BTIT308T
9	BEIT307P	Computer Lab-I	Software Lab -1	3	BTIT306P
FOURTH SEMESTER					
10	BEIT401T	Discrete Mathematics and Graph Theory	Discrete Mathematics and Graph Theory	4	BTIT401T
11	BEIT402T	Algorithms and Data Structures	Data Structures and Program Design	4	BTIT402T
12	BEIT402P	Algorithms and Data Structures	Data Structures and Program Design	4	BTIT402P
13	BEIT403T	Theory of Computation	Theory of Computation	5	BTIT504T
14	BEIT404T	Computer Architecture and Organization	Computer Architecture Organization	4	BTIT404T
15	BEIT405P	Object Oriented Methodology	Object Oriented Programming System	4	BTIT403T
16	BEIT405T	Object Oriented Methodology	Object Oriented Programming System	4	BTIT403P
17	BEIT406P	Computer Lab-II	Software Lab II	4	BTIT407P
FIFTH SEMESTER					
18	BEIT501T	System Programming	System Programming	3	BTIT305T
19	BEIT502T	Design and Analysis of Algorithms	Design and Analysis of Algorithms	5	BTIT502T
20	BEIT503T	Software Engineering	Software Engineering & Project Management	5	BTIT501T
21	BEIT503P	Software Engineering	Software Engineering & Project Management	5	BTIT501P
22	BEIT504T	Computer Graphics	Elective-I: Gaming Architecture & Programming	5	BTIT505T
23	BEIT504P	Computer Graphics	Internship	4	BTIT409P
24	BEIT505T	Java Programming	Java Programming	5	BTIT503T
25	BEIT505P	Java Programming	Java Programming Lab	5	BTIT503P
26	BEIT506T	Industrial Economics and Entrepreneurship Development	Economics of IT Industries	6	BTIT607T
SIXTH SEMESTER					
27	BEIT601T	Computer Networks	E II- Advances in Computer Networks	6	BTIT603T
28	BEIT602T	Operating Systems	Operating System	4	BTIT406T
29	BEIT603T	Database Management Systems	Database Management Systems	6	BTIT601T
30	BEIT603P	Database Management Systems	Database Management Systems	6	BTIT601P
31	BEIT604T	Internet Programming	Elective -III 2. Internet of Things	6	BTIT604T
32	BEIT604P	Internet Programming Lab	Software Lab (Basics of AR & VR/Web Technology)	5	BTIT506P
33	BEIT605T	Functional English	Effective Technical Communication	5	BTIT507T
34	BEIT606P	Mini Project and Industrial Visit	Mini Project and Industrial Visit	6	BTIT606P
SEVENTH SEMESTER					
35	BEIT701T	Data Warehousing and Mining	Data Warehousing and Mining	7	BTIT701T
36	BEIT701P	Data Warehousing and Mining	Data Warehousing and Mining	7	BTIT701P

Prof. Dr. Ravindra Jagtap

Dr. Ashish (Ashish Sharma)

Dr. Ashish Malik

Dr. N.M. Thakare

37	BEIT702T	Computer System Security	Program Elective-IV: Cryptography & Network Security	7	BTIT702T
38	BEIT702P	Computer System Security	Artificial Intelligence and Machine Learning	6	BTIT602P
39	BEIT703T	Artificial Intelligence	Artificial Intelligence and Machine Learning	6	BTIT602T
40	BEIT704T1	Elective-I: Mobile Computing	Program Elective-V: Mobile Computing	7	BTIT703T
41	BEIT704T2	Elective-I: Multimedia Systems	Elective-I: High Performance Computer Architecture	5	BTIT505T
42	BEIT704T3	Elective-I: Bio-informatics	Elective-I: Human Computer Interface	5	BTIT505T
43	BEIT704T4	Elective-I: Compiler Design	Program Elective-IV: Compiler Design	7	BTIT702T
44	BEIT705T1	Elective-II: Software Testing and Quality Assurance	Elective-III: Software Testing and Quality Assurance	6	BTIT604T.3
45	BEIT705T2	Elective-II: Cluster and Grid Computing	Elective-II: Cluster and Grid Computing	6	BTIT603T.1
46	BEIT705T3	Elective-II: Digital Signal Processing	Program Elective-IV: Deep Learning	7	BTIT702T
47	BEIT705T4	Elective-II: Digital Forensic for Info. Tech.	Program Elective-V: Natural Language Processing	7	BTIT703T
48	BEIT706P	Seminar on Project	Project	7	BTIT705P
EIGHT SEMESTER					
49	BEIT801T	Distributed Systems	Program Elective-IV: Salesforce	7	BTIT702T
50	BEIT801P	Distributed Systems	Project	7	BTIT705P
51	BEIT802T	Gaming Architecture and Programming	Program Elective-V: Big Data Analytics	7	BTIT703T
52	BEIT802P	Gaming Architecture and Programming	Mini Project and Industrial Visit	6	BTIT606P
53	BEIT803T1	Embedded Systems	Program Elective-VI: Social Networks	8	BTIT801T.1
54	BEIT803T2	Digital Image Processing	Program Elective-VI: Reinforcement Learning	8	BTIT801T.2
55	BEIT803T3	Pattern Recognition	Program Elective-VI: GPU Architecture and Programming	8	BTIT801T.3
56	BEIT803T4	Machine Learning	Elective-II Blockchain Technology	6	BTIT603T.2
57	BEIT804T1	Cyber Security	Program Elective-VII: Predictive Analytics-Regression and Classification	8	BTIT802T.1
58	BEIT804T2	Cloud Computing	Cloud Computing		BTIT604T.1
59	BEIT804T3	E-Commerce and Enterprise Resource Planning	Program Elective-VII: Data Analytics with Python	8	BTIT802T.2
60	BEIT804T4	Wireless Sensor Networks	Program Elective-VII: Computer Vision	8	BTIT802T.3
61	BEIT805P	Project	Industry Project/Project	8	BTIT803P