

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

C.B.S. Pattern				C.B.C.S Pattern		
THIRD SEM						
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject
1	3 Sem	BECT201T	Applied Mathematics- III	3	BTCT301T	Mathematics III (TH)
2	3 sem	BECT202T	Program Logic Design in C	3	BTCT302T	Problem Solving using Python (TH)
3	3 sem	BECT202P	Program Logic Design in C Lab	3	BTCT302P	Problem solving using Python (PR)
4	3 Sem	BECT203T	Digital Circuits & Microprocessor	3	BTCT303T	Digital Design and Fundamentals of Microprocessor (TH)
5	3 Sem	BECT203P	Digital Circuits & Microprocessor lab: Practical	3	BTCT303P	Digital Design and Fundamentals of Microprocessor (PR)
6	3 Sem	BECSE205T	Computer Architecture & Organization	3	BTCT304T	Computer Architecture and Organization(TH)
7	3 Sem	BECSE206P	COMPUTER WORKSHOP LAB	3	BTCT307P	Computer Workshop-I (Web Technologies) (PR)
8	3 Sem	BECT204T	Social and Ethical aspects of IT	4	BTCT402T	Social Ethics in Information Technology (TH)
9	3 Sem	BECSE207T	Environmental Engineering	4	BTCT408T	Environmental Science
FOURTH SEM						
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject
10	4 Sem	BECSE211T	Theory of Computation	3	BTCT305T	Theoretical Foundations of Computer Science
11	4 Sem		DISCRETE MATHEMATICS AND GRAPH THEORY	4	BTCT401T	Discrete Mathematics and Graph Theory (TH)
12	4 Sem	BECT209T	Data Structures & Program Design	4	BTCT404T	Data Structures and Program Design (TH)
13	4 Sem	BECT209P	Data Structures & Program Design Lab	4	BTCT404P	Data Structures and Program Design(P)
14	4 Sem	BECT210T	Advance Microprocessor and Interfacing	6	BTCT603T	EII- Advanced Microprocessor
15	4 Sem	BECT210P	Advance Microprocessor and Interfacing	4	BTCT409P	Internship
16	4 Sem	BECT212T	Introduction to Main-Frame Languages	6	EIII-BTCT604T	EIII- Embedded System
17	4 Sem	BECT213P	COMPUTER WORKSHOP – 2 LAB	4	BTCT407P	Computer Workshop-II (PR)
FIFTH SEM						
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject
18	5Sem	BECT301T	Object Oriented Modeling	4	BTCT403T	Object Oriented Programming using Java (TH)
19	5Sem	BECT301P	Object Oriented Modeling Lab	4	BTCT403P	Object Oriented Programming using Java (PR)
20	5 Sem	BECT302T	Database Management System	4	BTCT502T	Database Management System(TH)
21	5 Sem	BECT302P	Database Management System Lab	4	BTCT502P	Database Management System(PR)
22	5 Sem	BECT303T	Operating system	4	BTCT406T	Operating Systems (TH)
23	5 Sem	BECT303P	Operating system Lab	4	BTCT403P	Object Oriented Programming using Java (PR)
24	5 Sem	BECT304T	Design and Analysis of Algorithms	4	BTCT501T	Design and Analysis of Algorithms (TH)
25	5 Sem	BECT304P	Design and Analysis of Algorithms Lab	4	BTCT501P	Design and Analysis of Algorithms Lab (PR)
26	5 Sem	BECT305T	Data Communication		BTCT506T	E1: TCP/IP
SIXTH SEM						
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject
27	6 Sem	BECT306T	Computer Graphics	5	BTCT506T	Computer Graphics
28	6 Sem	BECT306P	Computer Graphics lab	4	BTCT501P	Design and Analysis of Algorithms Lab (PR)
29	6 Sem	BECT307T	Computer network	4	BTCT405T	Computer Networks (TH)
30	6 Sem	BECT307P	Computer network Lab	6	BTCT607P	Mini Project
31	6 Sem	BECT308T	Software Engineering and Project Management	5	BTCT503T	Software Engineering and Project Management (TH)
32	6 Sem	BECT308P	Software Engineering and Project Management Lab	6	BTCT602P	Datawarehousing and Mining (PR)
33	6 Sem	BECT309T	Embedded System Design	6	BTCT704T-2	Java Programming
34	6 Sem	BECT310T	Functional English	5	BTCT504T	Effective Technical Communication (TH)
35	6 Sem	BECT311P	Mini project	6	BTCT607P	Mini Project
SEVENTH SEM						
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject
36	7 Sem	BECT401T	Compiler	8	BTCT601T	Compiler Design
37	7 Sem	BECT401P	Compiler Lab	7	BTCT601P	Compiler Design Lab
38	7 Sem	BECT402T	Artificial Intelligence	5	BTCT505T	Artificial Intelligence

7 Sem	BECT402T	Artificial Intelligence	5	BICT505T	Artificial Intelligence
 Ravindra Singh		 Ashlesh Sharma		 Mahesh N.M. Thakore	

39	7 Sem	BECT402P	Artificial Lab				Practical Aspect of Artificial Intelligence
40	7 Sem	BECT403T	Elective-I				
41	7 Sem	BECT403T	Computational Intelligence-I	7	BTCT702T-1		Deep Learning
42	7 Sem	BECT403T	Advanced Database Systems-II	8	BTCT506T-3		System Software and Device Driver
43	7 Sem	BECT403T	Digital Signal Processing-III	8	BTCT801T		Elective-6 GPU Architectures and Programming
44	7 Sem	BECT403T	Software Architecture-IV	8	BTCT603T-2		Software Testing and Quality Assurance
45	7 Sem	BECT404T	Elective-II				
46	7 Sem	BECT404T	Natural Language Processing-I	7	BTCT702T-2		Optimization Technique
47	7 Sem	BECT404T	Advanced Operating System-II	7	BTCT7023T-3		Multimedia Computing
48	7 Sem	BECT404T	Architecture of Web Application-III	6	BTCT603T-1		High Performance Computer Architecture
49	7 Sem	BECT404T	Wireless Sensor Network-IV	6	BTCT604T-2		Mobile Application and Development
50	7 Sem	BECT405P	Project and Seminar	7	BTCT705P		Project Phase-I
EIGHTH SEM							
SN	Sem	Subject Code	Subject	Sem	Subject Code	Subject	
51	8 Sem	BECT406T	Data Warehousing and Mining	6	BTCT602T	Data Warehousing and Mining	
52	8 Sem	BECT406P	Data Warehousing and Mining Lab	6	BTCT602P	Data Warehousing and Mining Lab	
53	8 Sem	BECT407T	Cyber and Information Security	7	BTCT701T	Cryptography and Network Security	
54	8 Sem	BECT407P	Cyber and Information Security Lab	7	BTCT701P	Cryptography and Network Security Lab	
55	8 Sem	Elective III					
56	8 Sem	BECT408T-1	Pattern Recognition-I	7	BTCT702T-3	Data Visualization	
57	8 Sem	BECT408T-2	Parallel Computing-II	7	BTCT702T-1	Parallel Computing	
58	8 Sem	BECT408T-3	Bioinformatics-III	8	BTCT802T	Elective 7: Block chain and its Applications	
59	8 Sem	BECT408T-4	Web Data Management	6	BTCT605T-2	Adv. Web Technology	
60	8 Sem	BECT408T-5	Human Computer Interface	7	BTCT703T-3	Human Computer Interface	
61	8 Sem	Elective-IV					
62	8 Sem	BECT409T-1	Computational Geometry-I	6	BTCT605T-3	Multimedia and Animation	
63	8 Sem	BECT409T-2	Cloud Computing-II	6	BTCT604T-3	Cloud Computing	
64	8 Sem	BECT409T-3	Digital Forensic-III	8	BTCT802T	Elective-7 :Data Analytics using Python	
65	8 Sem	BECT409T-4	Cognitive Science-IV	8	BTCT801T	Elective 6: Reinforcement Learning	
66	8 Sem	BECT409T-5	Digital Image Processing-V	6	BTCT605T-1	Digital Image Processing	
67	8 Sem	BECT410P	Project	8	BTCT803P	Project	

[Signature]

[Signature]

[Signature]

[Signature]