

R.T.M. Nagpur University, Nagpur
Four Year B.TECH. Course
(Revised Curriculum as per AICTE Model Curriculum)

B.Tech. III Semester (Computer Technology) Scheme

Code No.	Subject	Teaching Scheme			Evaluation Scheme			Credits	Min Passing
		L	T	P	CA	UE	Total		
BTCT301T	Mathematics III (TH)	3	1	0	30	70	100	4	45
BTCT302T	Problem Solving using Python (TH)	3	0	0	30	70	100	3	45
BTCT302P	Problem solving using Python (PR)	0	0	2	25	25	50	1	25
BTCT303T	Digital Design and Fundamentals of Microprocessor (TH)	3	0	0	30	70	100	3	45
BTCT303P	Digital Design and Fundamentals of Microprocessor (PR)	0	0	2	25	25	50	1	25
BTCT304T	Computer Architecture and Organization (TH)	3	1	0	30	70	100	4	45
BTCT305T	Theoretical Foundations of Computer Science	3	1	0	30	70	100	4	45
BTCT306T	Universal Human Values (TH)	2	0	0	15	35	50	2	25
BTCT307P	Computer Workshop-I (Web Technologies) (PR)	0	0	2	25	25	50	1	25
BTCT308T	Consumer Affairs	2	-	-	-	-	-	-	
Total		19	3	06	240	460	700	23	

Date
Dr. Daleish Malik
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B.Tech. IV Semester(Computer Technology) Scheme

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Four Year B.Tech. Course

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Code No.	Subject	Teaching Scheme			Evaluation Scheme			Credits	Min Passing Marks
		L	T	P	CA	UE	Total		
BTCT401T	Discrete Mathematics and Graph Theory (TH)	3	1	0	30	70	100	4	45
BTCT402T	Social Ethics in Information Technology (TH)	2	0	0	15	35	50	2	23
BTCT403T	Object Oriented Programming using Java (TH)	3	0	0	30	70	100	3	45
BTCT403P	Object Oriented Programming using Java (P)	0	0	2	25	25	50	1	25
BTCT404T	Data Structures and Program Design (TH)	3	0	0	30	70	100	3	45
BTCT404P	Data Structures and Program Design(P)	0	0	2	25	25	50	1	25
BTCT405T	Computer Networks (TH)	3	1	0	30	70	100	4	45
BTCT406T	Operating Systems (TH)	3	1	0	30	70	100	4	45
BTCT407P	Computer Workshop-II (PR)	0	0	2	25	25	50	1	25
BTCT408T	Environmental Science	2	0	0	0	0	0	Audit	
BTCT409P	Internship	0	0	2	50	-	50	1	25
Total		19	03	06	290	460	750	24	

24/10/21

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B.TECH. V Semester(Computer Technology) Scheme

Code.	Subject	Teaching Scheme			Evaluation Scheme			Credits	Min Passing
		L	T	P	CA	UE	Total		
BTCT501T	Design and Analysis of Algorithms (TH)	3	0	0	30	70	100	3	45
BTCT501P	Design and Analysis of Algorithms Lab (PR)	0	0	2	25	25	50	1	25
BTCT502T	Database Management System(TH)	3	0	0	30	70	100	3	45
BTCT502P	Database Management System(PR)	0	0	2	25	25	50	1	25
BTCT503T	Software Engineering and Project Management (TH)	3	0	0	30	70	100	3	45
BTCT504T	Effective Technical Communication (TH)	2	0	0	30	70	100	2	45
BTCT505T	Artificial Intelligence (TH)	3	0	0	30	70	100	3	45
BTCT506T	Elective -I	3	0	0	30	70	100	3	45
BTCT507T	Professional Ethics (Audit Course)	2	0	0	0	0	0	0	Audit
Total		17	5	6	175	475	650	19	

Elective – I : BTCT506T

BTCT506T.1 TCP/IP

BTCT506T.2 Computer Graphics

BTCT506T.3 System Software & Device Drivers

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B.TECH. VI Semester(Computer Technology) Scheme

Code	Subject	Teaching Scheme			Evaluation Scheme			Credits	Min Passing
		L	T	P	CA	UE	Total		
BTCT601T	Compiler Design (TH)	3	0	0	30	70	100	3	45
BTCT601P	Compiler Design (PR)	0	0	2	25	25	50	1	25
BTCT602T	Data Warehousing and Mining (TH)	3	0	0	30	70	100	3	45
BTCT602P	Data Warehousing and Mining (PR)	0	0	2	25	25	50	1	25
BTCT603T	Elective - II	3	0	0	30	70	100	3	45
BTCT604T	Elective -III	3	0	0	30	70	100	3	45
BTCT605T	Open Elective -1	3	0	0	30	70	100	3	45
BTCT606T	Economics of IT Industry	2	0	0	15	35	50	2	23
BTCT607P	Mini Project	0	0	4	25	25	50	2	25
BTCT608T	Organization Behaviour (Audit)	2	0	0	0	0	0	0	Audit
Total		17	5	8	175	475	650	21	

Elective-II BTCT603T	Elective –III BTCT604T	Open Elective-1 BTCT605T
BTCT603T-1 High Performance Computer Architecture	BTCT604T-1 Embedded System	BTCT605T-1 Digital Image Processing
BTCT603T-2 Software Testing & Quality Assurance	BTCT604T-2 Mobile Application & Development	BTCT605T-2 Advanced Web Technology
BTCT603T-3 Advanced Microprocessor	BTCT604T-3 Cloud Computing	BTCT605T-3 Multimedia & Animation

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