

Matoshri College of Engineering and Research Centre, Nashik (Autonomous)
BTech Information Technology (Course-2024)

Second Year Bachelor of Technology (SY. BTech)

Table No: 01

Semester III

Courses				Teaching Scheme Hrs/Week			Examination Scheme and Marks (% of Total Curriculum and Marks)				Credit			
							In_Sem Exam (40%)		End_Sem Exam (60%)	Marks				
Course Code	Course Type	Title of Course	Exam Head	Lect	TUT	PR	CAT_1	CAT_2	ESE	Total	TH	TUT	PR	Total
24U0821	MDM	Statistics	TH	3	-	-	20	20	60	100	3	-	-	3
24U0822	PCC	Data Structures	TH	3	-	-	20	20	60	100	3	-	-	3
24U0823	PCC	Programming Principles and Paradigms	TH	3	-	-	20	20	60	100	3	-	-	3
24U0824-A	OE	Principles of Management and Organizational Behavior	TH	3	-	-	20	20	60	100	3	-	-	3
24U0825	PCCL	Data Structures Lab	PR	-	-	4	40		60	100	-	-	2	2
24U0826	PCCL	Programming Lab	PR	-	-	4	40		60	100	-	-	2	2
24U0827-A	EE	Engineering Economics and Financial Management	TW	1	1	-	20		30	50	1	1	-	2
24U0828-A	VEC	Environmental Science	TW	1	1	-	20		30	50	1	1	-	2
24U0829	CEP/FP	Community Engagement and Fieldwork Project @	TW	-	1	2	20		30	50	-	1	1	2
Total				14	03	10	300		450	750	14	3	5	22
Total Hours/ Week				27			750			-	22			-
NCAC0803: Non-Credit Audit Course_3				-			-			-	-			-

Non-Credit Audit Course_3

Basket/Options for Non-Credit Audit Course_3(NCAC0803)	
Course Code	Title of Non Audit Course
NCAC0803-A	Ethics and values in IT
NCAC0803-B	Language Study- Spanish- Module-I
NCAC0803-C	Stress Management by Yoga
NCAC0803-D	Quantitative Aptitude and Logical Reasoning

Basket/Options for EE (24U0827)	
Course Code	Title of Course
24U0827-A	Engineering Economics and Financial Management
24U0827-B	Environmental and Energy Economics
24U0827-C	Microeconomics for Engineers
24U0827-D	Economics of Innovation

Basket/Options for Open Elective_1 (24U0824)	
Course Code	Title of Course
24U0824-A	Principles of Management and Organizational Behavior
24U0824-B	Corporate Finance
24U0824-C	Logistics and Supply Chain Management
24U0824-D	Human Resource Analytics

Basket/Options for Value Education Course (24U0828)	
Course Code	Title of Course
24U0828-A	Environmental Science
24U0828-B	GIS and Remote Sensing
24U0828-C	Sustainable Agriculture Practices
24U0828-D	Environmental Impact Assessment

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Semester IV

Table No: 02

Courses				Teaching Scheme Hrs/Week			Examination Scheme and Marks (% of Total Curriculum and Marks)				Credit			
							In_Sem Exam (40%)		End_Sem Exam (60%)	Marks				
Course Code	Course Type	Title of Course	Exam Head	Lect	TUT	PR	CAT_ 1	CAT_2	ESE	Total	TH	TUT	PR	Total
24U0830	MDM	Computer Architecture	TH	3	-	-	20	20	60	100	3	-	-	3
24U0831	PCC	Design and Analysis of Algorithms	TH	3	-	-	20	20	60	100	3	-	-	3
24U0832	PCC	Database Management Systems	TH	2			20	20	60	100	2	-	-	2
24U0833	PCC	Software Engineering	TH	3	-	-	20	20	60	100	3	-	-	3
24U0834-A	OE	Human Resources Management	TH	2		-	20	20	60	100	2	-	-	2
24U0835	PCCL	Design and Analysis of Algorithms Lab	PR	-	-	4	20		30	50	-	-	2	2
24U0836	PCCL	Database Management Systems Lab	PR	-	-	2	20		30	50	-	-	1	1
24U0837-A	ED	Entrepreneur Development	TW	-	1	2	20		30	50	-	1	1	2
24U0838-A	VSEC	Web Development using Python	TW	-	1	2	20		30	50	-	1	1	2
24U0839-A	VEC	Digital Marketing	TW	-	2	-	20		30	50	-	2	-	2
Total				13	4	10	300		450	750	13	4	5	22
Total Hours/ Week				27			750				22			
NCAC0804: Non-Credit Audit Course_4				-			-					-		

Non-Credit Audit Course_4 =>

Basket/Options for Non-Credit Audit Course_4(NCAC0804)	
Course Code	Title of Audit Course
NCAC0804-A	e-Waste Management and Pollution Control
NCAC0804-B	Language Study Spanish- Module-II
NCAC0804-C	Road safety
NCAC0804-D	मराठीचे अभिजात भाषासौंदर्य

Basket/Options for ED (24U0837)	
Course Code	Title of Course
24U0837-A	Entrepreneur Development
24U0837-B	Design Thinking for Entrepreneurs
24U0837-C	Startup Culture and Innovation
24U0837-D	Business model Canvas and MVP Development

Basket/Options for Open Elective_2 (24U0834)	
Course Code	Title of Course
24U0834-A	Human Resources Management
24U0834--B	Supply Chain Analytics
24U0834-C	Financial Planning and Budgeting
24U0834-D	Talent Acquisition and Performance Management

Basket/Options for Vocational and Skill Enhancement Course (24U0838)	
Course Code	Title of Course
24U0838-A	Web Development using Python
24U0838-B	Python Libraries for Data Science
24U0838-C	Basic Machine Learning Algorithms using Python
24U0838-D	Statistical Methods using Python

Basket/Options for Value Education Course (24U0839)	
Course Code	Title of Course
24U0839-A	Digital Marketing
24U0839-B	Mobile App Development
24U0839-C	Data Visualization and Interpretation
24U0839-D	Renewable Energy Technologies