

B. Tech - I YEAR I SEMESTER

		REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 06 January 2025	Introduction to Engineering Mathematics	AHT003	Mathematics I/ Mathematics	BAST102/BSCT101 BAST103
2.	09:30 AM – 12:30 PM, 08 January 2025	Engineering Physics/	AHT001/	Engineering Physics	BAST101/ BAST 104
3.	09:30 AM – 12:30 PM, 10 January 2025	Engineering Chemistry	AHT002	Engineering Chemistry	BAST101
4.	09:30 AM – 12:30 PM, 13 January 2025	Basic Electronics Engineering	ECT001	Basic Electronics Engineering/	BECT101/
5.	09:30 AM – 12:30 PM, 15 January 2025	Basic Electrical Engineering	EET001	Basic Electrical Engineering	BEET101/
6.	09:30 AM – 12:30 PM, 17 January 2025	Environmental Studies	AHT004	Environmental Studies	BEST101/ESNC101
7.	09:30 AM – 12:30 PM, 20 January 2025	Basic Mathematics Bridge Course/ Biology for engineers Bridge Course/	AHT000/ BTT001/	Soft Skill1 Compulsory Audit Course/ Emerging Technology for Engineering AI for Engineering	HSNC101/ BMC102 BMC101
8.	09:30 AM – 12:30 PM, 22 January 2025	Basic Mechanical Engineering	MET001	Fundamental Of Mechanical Engineering/ Basic Mechanical Engineering/ Basic Civil Engineering and Mechanics	BMET101/ BMET102/ BCET101
9.	1:30 PM – 4:30 PM, 22 January 2025	Programming for Problem Solving	CST001	Fundamental of Computers and Programming in C	BCST101



B. Tech - II YEAR III SEMESTER Artificial Intelligence and Machine learning

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S. NO.	TIME AND DATE	REGULAR PAP	PER	BACK PAPER	
5.110.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics/ Data Structures and Algorithms	AHT006/ CST003		
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008		
3.	09:30 AM – 12:30 PM, 11 January 2025	Digital Electronics	ECT033	Digital Electronics	TEC232
4.	09:30 AM – 12:30 PM, 16 January 2025	Discrete Structure	CST002	Discrete Mathematics	TAI232
5.	09:30 AM – 12:30 PM, 18 January 2025	Database Management Systems	CST011	Constitution Of India	TAH234
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006	Python Programming	TAI231



B. Tech - II YEAR III SEMESTER Biotechnology

G NO	THATE AND DATE	REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	09:30 AM – 12:30 PM, 07 January 2025	Statistical Techniques in Biotechnology	BTT002	
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication	AHT007	
3.	09:30 AM – 12:30 PM, 11 January 2025	Cell and Molecular Biology	BTT003	
4.	09:30 AM – 12:30 PM, 16 January 2025	Biochemistry	BTT004	
5.	09:30 AM – 12:30 PM, 18 January 2025	Microbiology	BTT005	
6.	09:30 AM – 12:30 PM, 21 January 2025	Cyber Security	CST006	



B. Tech - II YEAR III SEMESTER

Chemical Engineering

S. NO.	TIME AND DATE	REGULAR/ BACK PAPER		BACK PAPER	
	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Technical Communication	AHT007		
2.	09:30 AM – 12:30 PM, 09 January 2025	Material and Energy Balance	CHT001	Material and Energy Balance	BCHT301
3.	09:30 AM – 12:30 PM, 11 January 2025	Chemical Engineering Fluid Mechanics	CHT002		
4.	09:30 AM – 12:30 PM, 16 January 2025	Heat Transfer Operations	CHT003		
5.	09:30 AM – 12:30 PM, 18 January 2025	Strength of Material	MET007	Strength of Material	BMET303
6.	09:30 AM – 12:30 PM, 21 January 2025	Cyber Security	CST006		



B. Tech - II YEAR III SEMESTER Civil Engineering

e No	TIME AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.		SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics/ Data Structures and Algorithms	AHT006/ CST003	Mathematics III	BAST301
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Building Planning and Architecture	BCET304
3.	09:30 AM – 12:30 PM, 11 January 2025	Surveying	CET002	Surveying/ Surveying and Geomatics	BCET303/ BCET303
4.	09:30 AM – 12:30 PM, 16 January 2025	Construction Material	CET001	Construction Materials	BCET302
5.	09:30 AM – 12:30 PM, 18 January 2025	Strength of Material	CET003	Strength of Materials/ Solid Mechanics	BCET305/ BCET301
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006	Fluid Mechanics	BCET302
7.	01:30 PM – 04:30 PM, 21 January 2025	Introduction to AI and Machine Learning	AIML001	Computer System Security	BCST306



Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, India

TENTATIVE ODD SEMESTER EXAMINATION SCHEDULE (2024-2025)

B. Tech - II YEAR III SEMESTER

Computer Science & Engineering/ Computer Science & Engineering (Artificial Intelligence and Machine learning)/ Computer Science & Engineering (Data Science)/
Computer Science & Engineering (Internet of Things and Cyber Security Including Block Chain Technology)/ Computer Science & Engineering (Cyber Security)/ Computer Science & Information Technology/ Information Technology

S. NO.	THATE AND DATE	REGULAR PAPER		BACK PAPER	
5. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics/ Data Structures and Algorithms	AHT006/ CST003	Data Structure	BCST303
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Energy and Environmental Engineering	BCET301
3.	09:30 AM – 12:30 PM, 11 January 2025	Digital Electronics	ECT033	Digital Electronics	BECT303
4.	09:30 AM – 12:30 PM, 16 January 2025	Discrete Structure	CST002	Discrete Structure	BCST302
5.	09:30 AM – 12:30 PM, 18 January 2025	Object Oriented Programming	CST004	Object Oriented Programming and Methodology	BCST305
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006	Principles of Information Security	CSET001
7.	01:30 PM – 04:30 PM, 21 January 2025	Introduction to AI and Machine Learning/ Introduction To Data Science/ Machine Learning and Pattern Recognition/ Cyber Security and Investigation Techniques	AIML001/ DST001/ SAI301/ SCS301		



B. Tech - II YEAR III SEMESTER Cyber Security

G NO		REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	09:30 AM – 12:30 PM, 07 January 2025	Data Structures and Algorithms	CST003	
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication	AHT007	
3.	09:30 AM – 12:30 PM, 11 January 2025	Digital Electronics	ECT033	
4.	09:30 AM – 12:30 PM, 16 January 2025	Discrete Structure	CST002	
5.	09:30 AM – 12:30 PM, 18 January 2025	Introduction to Python Programming	CYT102	
6.	09:30 AM – 12:30 PM, 21 January 2025	Unix/LINUX Security	CYT101	
7.	01:30 PM – 04:30 PM, 21 January 2025	Cyber Security and Investigation Techniques	CYT103	



B. Tech - II YEAR III SEMESTER Electrical & Electronics Engineering

			acctromes Engineering		
G NO	TIME AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.		SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics	AHT006	Mathematics III	BEST301
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Energy and Environmental Engineering	BCET301
3.	09:30 AM – 12:30 PM, 11 January 2025	Signals Systems and Networks	EET002	Network Analysis and Synthesis	BEET305
4.	09:30 AM – 12:30 PM, 16 January 2025	Transformer and DC Machines	EET003	Electrical Measurements and Instrumentation	BEET301
5.	09:30 AM – 12:30 PM, 18 January 2025	Analog and Digital Circuits	EET004	Electronic Devices	BECT304
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006		



B. Tech - II YEAR III SEMESTER Electrical Engineering

g No	TIME AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.		SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics/ Data Structures	AHT006/ CST003	Mathematics III	BEST301
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Energy and Environmental Engineering	BCET301
3.	09:30 AM – 12:30 PM, 11 January 2025	Signals Systems and Networks	EET002	Network Analysis and Synthesis	BEET305
4.	09:30 AM – 12:30 PM, 16 January 2025	Transformer and DC Machines	EET003	Electrical Measurements and Instrumentation	BEET301
5.	09:30 AM – 12:30 PM, 18 January 2025	Analog and Digital Circuits	EET004	Electronic Devices	BECT304
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006		_
7.	01:30 PM – 04:30 PM, 21 January 2025	Introduction to AI and Machine Learning	AIML001	Principles of Information Security	CSET001



B. Tech - II YEAR III SEMESTER

Electronics & Communication Engineering

Exections & Communication Engineering					
S NO		REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Transformation and numerical method	AHT006	Mathematics III	BEST301
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Mechanics of Robotics	MET051
3.	09:30 AM – 12:30 PM, 11 January 2025	Networks and Systems	ECT032	Network Analysis and Synthesis/ Digital Electronics	BEET305/ BECT303
4.	09:30 AM – 12:30 PM, 16 January 2025	Analog Electronic Circuit	ECT031	Electrical Measurements and Instrumentation	BEET301
5.	09:30 AM – 12:30 PM, 18 January 2025	Internet of Things Architectures Protocols and Systems Programming	IOTT001	Electronic Devices	BECT304
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006		
7.	01:30 PM – 04:30 PM, 21 January 2025	Introduction to AI and Machine Learning/ Introduction To Data Science/ Machine Learning and Pattern Recognition/	AIML001/ DST001/ SAI301		



B. Tech - II YEAR III SEMESTER

Electronics & Tele Communication Engineering

S NO	TIME AND DATE	BACK PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	09:30 AM – 12:30 PM, 07 January 2025	Mathematics III	BEST301	
2.	09:30 AM – 12:30 PM, 11 January 2025	Network Analysis and Synthesis	BEET305	



B. Tech - II YEAR III SEMESTER Mechanical And Automation Engineering

	Mech	REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics	AHT006	
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	
3.	09:30 AM – 12:30 PM, 11 January 2025	Engineering Thermodynamics	MAT001	
4.	09:30 AM – 12:30 PM, 16 January 2025	Materials Engineering	MAT002	
5.	09:30 AM – 12:30 PM, 18 January 2025	Fluid Mechanics and Fluid Machines	MAT003	
6.	09:30 AM – 12:30 PM, 21 January 2025	Cyber Security	CST006	



B. Tech - II YEAR III SEMESTER

Mechanical Engineering

		REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	09:30 AM – 12:30 PM, 07 January 2025	Advanced Applied Mathematics	AHT006	Mathematics III	BAST301
2.	09:30 AM – 12:30 PM, 09 January 2025	Technical Communication/ Universal Human Values	AHT007/ AHT008	Manufacturing Science and Technology I	BMET305
3.	09:30 AM – 12:30 PM, 11 January 2025	Engineering Thermodynamics	MET002	Basic Thermodynamics	BMET301
4.	09:30 AM – 12:30 PM, 16 January 2025	Materials Engineering	MET003	Materials Science and Technology	BMET303
5.	09:30 AM – 12:30 PM, 18 January 2025	Fluid Mechanics and Fluid Machines	MET004	Strength of Material	BMET303
6.	09:30 AM – 12:30 PM, 21 January 2025	Python Programming/ Cyber Security	CST005/ CST006	Computer System Security/ Renewable energy source	BCST306/ SEE301
7.	01:30 PM – 04:30 PM, 21 January 2025	Introduction to AI and Machine Learning	AIML001		



B. Tech - II YEAR III SEMESTER Robotics & Automation

C NO	TEINTE AND DATE	REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	09:30 AM – 12:30 PM, 07 January 2025	Mathematics III	AHT006	
2.	09:30 AM – 12:30 PM, 09 January 2025	Universal Human Values	AHT008	
3.	09:30 AM – 12:30 PM, 11 January 2025	Sensors and Instrumentation	RAT001	
4.	09:30 AM – 12:30 PM, 16 January 2025	Materials Engineering	MET003	
5.	09:30 AM – 12:30 PM, 18 January 2025	Fundamentals of Mechatronics	RAT002	
6.	09:30 AM – 12:30 PM, 21 January 2025	Cyber Security	CST006	



B. Tech - III YEAR V SEMESTER Artificial Intelligence and Machine learning

e No		REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Formal Languages and Automata Theory	CST009	Computer Organization and Architecture	TCS353
2.	01:30 PM – 04:30 PM, 08 January 2025	Machine Learning	CST030	Database management Systems	TCS351
3.	01:30 PM – 04:30 PM, 10 January 2025	Algorithms Design and Analysis	CST010	Computer Network	TAI351
4.	01:30 PM – 04:30 PM, 13 January 2025	Computer Graphics/ Software Engineering	CST014/ CST015	Software Engineering	EAI311
5.	01:30 PM – 04:30 PM, 15 January 2025	Genetic Algorithms and its Application/ Fuzzy Logic	AIT001/ CST020	Compiler Design	TCS352
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Programmable Logic Controller Applications	MET053
7.	9:30 AM – 1230 PM, 20 January 2025	Graph Theory	CST013/		



B. Tech - III YEAR V SEMESTER Biotechnology

C NO	TIME AND DATE	REGULAR/ BACK PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	01:30 PM – 04:30 PM, 06 January 2025	Bioinformatics	BTT010	
2.	01:30 PM – 04:30 PM, 08 January 2025	Enzyme Technology	BTT011	
3.	01:30 PM – 04:30 PM, 10 January 2025	Cell & Tissue Culture Technology	BTT012	
4.	01:30 PM – 04:30 PM, 13 January 2025	Bioanalytical Technology/ Biomaterials & Tissue Engineering	BTT053/ BTT054	
5.	01:30 PM – 04:30 PM, 15 January 2025	Food Biotechnology	BTT055	
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	



B. Tech - III YEAR V SEMESTER Chemical Engineering

G NO	TOTAL AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Mass Transfer Operation II	CHT007	Mass Transfer Operation II	BCHT501
2.	01:30 PM – 04:30 PM, 08 January 2025	Chemical Reaction Engineering I	CHT008	Chemical Reaction Engineering II	BCHT502
3.	01:30 PM – 04:30 PM, 10 January 2025	Process Dynamics and Control	CHT009	Process Dynamics and Control	BCHT503
4.	01:30 PM – 04:30 PM, 13 January 2025	Renewable Energy Technology and its challenges	CHT51		
5.	01:30 PM – 04:30 PM, 15 January 2025	Process Flow Sheet Simulation	CHT56	Chemical Engineering Thermodynamics	BCHT513
6.	01:30 PM – 04:30 PM, 17 January 2025	Essence of Indian Traditional Knowledge	AHT010	Essence of Indian Traditional Knowledge	HSNC502



B. Tech - III YEAR V SEMESTER Civil Engineering

G NO		REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Reinforced concrete Structure	CET007	Design of RC Elements	BCET501
2.	01:30 PM – 04:30 PM, 08 January 2025	Soil Mechanics	CET008	Geotechnical Engineering	BCET501
3.	01:30 PM – 04:30 PM, 10 January 2025	Advance Structure Analysis	CET009	Structural Analysis II/ Quantity Surveying and Costing/ Environmental Impact Assessment	BCET504A/BCET521/ BCET504B/BCET511 BCET504C
4.	01:30 PM – 04:30 PM, 13 January 2025	Hydraulics and Hydraulic Machine/ Engineering Geology/ Building Planning Architecture	CET010/ CET011/ CET012	Renewable Energy Resources/ Transportation Engineering II	BOEC505A/ BOEC505B/ BCET503
5.	01:30 PM – 04:30 PM, 15 January 2025	Hydrology/ Urban and Town Planning/ Safety Management in Construction	CET013/ CET014/ CET015	Environmental Engineering I/ Fluid Mechanics	BCET502/ BCET503
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Constitution of India/ Energy conservation and management	HSNC501/ SEE501
7.	01:30 PM – 04:30 PM, 20 January 2025	Deep Learning and Neural Network	AIML003		



B. Tech - III YEAR V SEMESTER

Computer Science & Engineering/ Information Technology

a No	TIME AND DATE	REGULAR PAPER		REGULAR / BACK PAPER	
S. NO.		SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Compiler Design	CST012	Computer Networks	BCST502
2.	01:30 PM – 04:30 PM, 08 January 2025	Database Management Systems	CST011	Operating System	BCST501
3.	01:30 PM – 04:30 PM, 10 January 2025	Design and Analysis of Algorithms	CST010	Design and Analysis of Algorithms	BCST503
4.	01:30 PM – 04:30 PM, 13 January 2025	Computer Graphics/ Software Engineering	CST014/ CST015/	Network Architecture/ Internet and Web Technology/ Java Programming/ Software Engineering	BCST504A/ BCST504C/ BCST504D/ BECT504A/
5.	01:30 PM – 04:30 PM, 15 January 2025	Fault Tolerant Computing/ Real Time Systems/ Distributed System/ Fuzzy Logic	CST017/ CST018/ CST019/ CST020	Principles of Programming Language Cyber Security Innovation and Entrepreneurship	BOCS505A BOCS505C BOET504D
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Constitution of India	HSNC501
7.	9:30 AM – 1230 PM, 20 January 2025	Graph Theory	CST013/		
8.	01:30 PM – 04:30 PM, 20 January 2025	Deep Learning and Neural Network/ Analyzing Visualizing and Applying Data Science with Python/ Programmable Logic Controller Applications/ Ethical Hacking Fundamentals	AIML003/ DST003/ MET053/ CSET003	Principles of Deep Learning	SAI501



B. Tech - III YEAR V SEMESTER Computer Science & Engineering (Data Science)

computer before & Engineering (Data Science)				
S. NO.	TIME AND DATE	REGULAR/ BACK PAPER		
5.110.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
7.	01:30 PM – 04:30 PM, 06 January 2025	Artificial Intelligence	CST022	
8.	01:30 PM – 04:30 PM, 08 January 2025	Database Management Systems	CST011	
9.	01:30 PM – 04:30 PM, 10 January 2025	Design and Analysis of Algorithms	CST010	
10.	01:30 PM – 04:30 PM, 13 January 2025	Advance Python Programming	AIT101	
11.	01:30 PM – 04:30 PM, 15 January 2025	Data Mining/ Cloud Computing	CST032/ CST037	
12.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	



B. Tech - III YEAR V SEMESTER

Computer Science & Engineering (Artificial Intelligence and Machine learning)

		REGULAR/ BACK PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	01:30 PM – 04:30 PM, 06 January 2025	Artificial Intelligence	CST022	
2.	01:30 PM – 04:30 PM, 08 January 2025	Database Management Systems	CST011	
3.	01:30 PM – 04:30 PM, 13 January 2025	Software Engineering/ Advance Python Programming	CST015/ AIT101	
4.	01:30 PM – 04:30 PM, 15 January 2025	Fault Tolerant Computing/ Real Time Systems/ Distributed System/	CST017/ CST018/ CST019	
5.	01:30 PM – 04:30 PM, 17 January 2025	Machine Learning	CST030	
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	
7.	9:30 AM – 1230 PM, 20 January 2025	Graph Theory	CST013/	
8.	01:30 PM – 04:30 PM, 20 January 2025	Natural Language Processing	CST038	



B. Tech - III YEAR V SEMESTER

Computer Science & Engineering (Internet of Things and Cyber Security Including Block Chain Technology)

G NO	TIME AND DATE	REGULAR/ BACK PAPER			
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE		
1.	01:30 PM – 04:30 PM, 06 January 2025	Fundamentals of IoT and applications	IOT101		
2.	01:30 PM – 04:30 PM, 08 January 2025	Database management Systems	CST011		
3.	01:30 PM – 04:30 PM, 10 January 2025	Cryptography and Network Security	CST035		
4.	01:30 PM – 04:30 PM, 13 January 2025	Software Engineering	CST015		
5.	01:30 PM – 04:30 PM, 15 January 2025	Distributed System	CST019		
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010		



B. Tech - III YEAR V SEMESTER Computer Science & Information Technology

a No		REGULAR/ BACK PAPER			
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE		
1.	01:30 PM – 04:30 PM, 06 January 2025	Computer Networks	CST021		
2.	01:30 PM – 04:30 PM, 08 January 2025	Database Management Systems	CST011		
3.	01:30 PM – 04:30 PM, 10 January 2025	Computer Graphics and Multimedia	ITT201		
4.	01:30 PM – 04:30 PM, 13 January 2025	Software Engineering	CST015		
5.	01:30 PM – 04:30 PM, 15 January 2025	Distributed System	CST019		
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010		



B. Tech - III YEAR V SEMESTER Electrical & Electronics Engineering

C NO	TERME AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Electrical Power Generation and Transmission Distribution	EET008	Electrical Machine II	BEET501
2.	01:30 PM – 04:30 PM, 08 January 2025	Control System Engineering	EET009	Power System II	BEET502
3.	01:30 PM – 04:30 PM, 10 January 2025	Power Electronics	EET010	Electromagnetic Field theory	BEET505
4.	01:30 PM – 04:30 PM, 13 January 2025	Electrical Engineering Materials/ Microprocessors	EET014/ EET038	Applied Instrumentation/ Electrical Engineering Material	BEET503B/ BEET503C
5.	01:30 PM – 04:30 PM, 15 January 2025	Special Electrical Machines Robotics and Automation Digital Signal Processing	EET015/ EET017/ EET018	Communication Engineering/ Industrial electronics/ Innovation and Entrepreneurship	BOET504B/ BOET504C/ BOET504D
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010		



B. Tech - III YEAR V SEMESTER Electrical Engineering

C NO	TIME AND DATE	REGULAR PAPER		BACK PAPER	
5. NO.	S. NO. TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Electrical Power Generation and Transmission Distribution	EET008	Electrical Machine II	BEET501
2.	01:30 PM – 04:30 PM, 08 January 2025	Control System Engineering	EET009	Power System II	BEET502
3.	01:30 PM – 04:30 PM, 10 January 2025	Power Electronics	EET010	Electromagnetic Field theory	BEET505
4.	01:30 PM – 04:30 PM, 13 January 2025	Transducers and Signal Conditioning Energy Conservation and Audit Electrical Engineering Materials	EET012/ EET013/ EET014	Applied Instrumentation/ Electrical Power Generation and Economy	BEET503B/ BEET503D
5.	01:30 PM – 04:30 PM, 15 January 2025	Special Electrical Machines Advanced Instrumentation/ Digital Signal Processing	EET015/ EET016/ EET018	Digital Control System/ Industrial electronics/ Innovation and Entrepreneurship	BOET504A/ BEET051 BOET504C/ BOET504D
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Essence of Indian Traditional Knowledge	HSNC502
7.	01:30 PM – 04:30 PM, 20 January 2025	Analyzing Visualizing and Applying Data Science with Python	DST003		



B. Tech - III YEAR V SEMESTER

Electronics & Communication Engineering/ Electronics & Tele Communication Engineering

S NO	TIME AND DATE	REGULAR PAPER		BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Embedded Systems/ Computer Networks	EEC012/ EEC013	Data Communication and Networks	BECT504B
2.	01:30 PM – 04:30 PM, 08 January 2025	Digital Communication	ECT052	Microprocessors and Interfacing	BECT501
3.	01:30 PM – 04:30 PM, 10 January 2025	Semiconductor Devices	ECT053	Electromagnetic Theory/ Electromagnetic Field Theory	BECT502/ BECT504
4.	01:30 PM – 04:30 PM, 13 January 2025	Antenna and Wave Propagation	ECT051	Antenna And Wave Propagation/ VLSI Technology and Design	BECT503/ BECT503
5.	01:30 PM – 04:30 PM, 15 January 2025	Power Electronics/ IoT and Machine learning/ Electronics Measurement	EEC021/ EEC023/ EEC024	Data Structure using C++/ Computer System Organisation	BOEC505A/ BOEC505B
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Essence of Indian Traditional Knowledge	HSNC502
7.	01:30 PM – 04:30 PM, 20 January 2025	IoT Applications and Web development/ Deep Learning and Neural Network/ Programmable Logic Controller Applications	IOTT003/ AIML003/ MET053	Electrical Measurements and Instrumentation	BEET301



B. Tech - III YEAR V SEMESTER Robotics & Automation

S NO	TIME AND DATE	REGULAR PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 08 January 2025	CNC Machine and Metrology	RAT009
2.	01:30 PM – 04:30 PM, 10 January 2025	Modern Automated and Intelligent Electric Vehicles	RAT010
3.	01:30 PM – 04:30 PM, 13 January 2025	Introduction of Data Science	RAT014
4.	01:30 PM – 04:30 PM, 15 January 2025	Advanced Welding Technology	RAT020
5.	01:30 PM – 04:30 PM, 17 January 2025	Essence of Indian Traditional Knowledge	AHT010
6.	01:30 PM – 04:30 PM, 20 January 2025	Pneumatics and Hydraulic Systems	RAT008



B. Tech - III YEAR V SEMESTER Mechanical Engineering

G NO		REGULAR PAPER		REGULAR / BACK PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 06 January 2025	Heat and Mass Transfer	MET009	Heat and Mass transfer	BMET501/ BMET503
2.	01:30 PM – 04:30 PM, 08 January 2025	Dynamics of Machines and Vibrations	MET010	Mechanical Measurement and Control/ 3D Printing and Design	BMET503/ BMET053
3.	01:30 PM – 04:30 PM, 10 January 2025	Manufacturing Science and Technology II	MET011	Manufacturing Science and Tech II/ Machine Component Design I	BMET502/ BMET502
4.	01:30 PM – 04:30 PM, 13 January 2025	Industrial Engineering and Management/ Instrumentation and Control/ Advanced Engineering Materials	MET012/ MET013/ MET016	Industrial Engineering and Ergonomics Computer Integrated Manufacturing/	BMET501/ BMET051/
5.	01:30 PM – 04:30 PM, 15 January 2025	Internal Combustion Engines/ Advanced Welding Technology/ Process Planning and Cost Estimation	MET017/ MET020/ MET021	Operation Research	BMET504
6.	01:30 PM – 04:30 PM, 17 January 2025	Constitution of India/ Essence of Indian Traditional Knowledge	AHT009/ AHT010	Constitution of India	HSNC501
7.	01:30 PM – 04:30 PM, 20 January 2025	Introduction to Artificial Intelligence/ Deep Learning and Neural Network	SRE501/ AIML003	Energy conservation and management	SEE501



B. Tech - IV YEAR VII SEMESTER Artificial Intelligence and Machine learning

Artificial intelligence and Machine learning					
a 110		REGULAR PAPER			
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE		
1.	01:30 PM – 04:30 PM, 07 January 2025	Open Elective	#TOE-XY		
2.	01:30 PM – 04:30 PM, 09 January 2025	Cryptography & Network Security/ Quantum Computing	EAI441/ EAIT745/EAI445		
3.	01:30 PM – 04:30 PM, 11 January 2025	Soft Computing	TAIT701/TAI471		
4.	01:30 PM – 04:30 PM, 16 January 2025	Deep Learning	EAIT751/EAI451		
5.	01:30 PM – 04:30 PM, 18 January 2025	Engineering Economics	TAIT705/TAH473		



B. Tech - IV YEAR VII SEMESTER Chemical Engineering

S. NO.	TIME AND DATE	REGULAR PAPER	
	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 07 January 2025	Process Equipment Design	BCHT701
2.	01:30 PM – 04:30 PM, 09 January 2025	Industrial Pollution abatement and waste management	BCHT742
3.	01:30 PM – 04:30 PM, 11 January 2025	Advance separation Technique	ВСНТ753
4.	01:30 PM – 04:30 PM, 18 January 2025	Rural Development	HSMC081



B. Tech - IV YEAR VII SEMESTER Civil Engineering

Civil Engineering			
C NO	TELLIE AND DATE	REGULAR PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 07 January 2025	Environmental Engineering II/ Seismology and Earthquake Engineering/ Open Elective	BCET701/ BCET711/ #TOE-XY
2.	01:30 PM – 04:30 PM, 09 January 2025	Design of Steel Structures/ Design of Steel Structure	BCET702/ TCE471
3.	01:30 PM – 04:30 PM, 11 January 2025	Railway and Airport Engineering/ Bridge Engineering/ Ground Water Engineering/ Transportation Engineering II	BCET703A/ BCET703B/ BCET722 BCET703C/ TCE472
4.	01:30 PM – 04:30 PM, 16 January 2025	Hydrology/ Hydrology and Irrigation Ground Improvement Techniques/	BOEC704A/ BCET021 ECE415/
5.	01:30 PM – 04:30 PM, 18 January 2025	Environmental Impact and Risk Assessment Environmental Geotechnology/ Electrical Systems	BCET011/ ECE-424/ SEE701



B. Tech - IV YEAR VII SEMESTER

Computer Science & Engineering/ Information Technology

G NO	THE AND DATE	REGULAR/ BACK	PAPER
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 07 January 2025	.NET Framework and Programming/ Open Elective	BCST701/BIIT701 #TOE-XY
2.	01:30 PM – 04:30 PM, 09 January 2025	Big Data Processing Digital Image Processing Ethical Hacking Machine Learning	BOCS704A/ BOCS704B/ BOIT704B BOCS704C/ TCS471
3.	01:30 PM – 04:30 PM, 11 January 2025	Human Computer Interfacing Advanced Computer Architecture Soft Computing Internet of Things Systems/ Data Mining	BCST703A/ BCST703B/ BIIT703B BCST703C/ BCST703D/ ECS444
4.	01:30 PM – 04:30 PM, 16 January 2025	Adhoc and Wireless Networks/ Software Project Management	BCST702/ BCST703E ECS454
5.	01:30 PM – 04:30 PM, 18 January 2025	Information Retrieval Android Application Development Computer graphics for virtual reality Risk Analysis and Mitigation Data Visualization Computer Programming in Python/ Rural Development Engineering Economics	SAI701/ SAN701/ SAR701/ SCS701/ SDS701/ SIT701/ HSMC081/ TAH473



B. Tech - IV YEAR VII SEMESTER Artificial Intelligence & Machine Learning

		REGULAR PAPER	
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 07 January 2025	Open Elective	#TOE-XY
2.	01:30 PM – 04:30 PM, 09 January 2025	Cryptography & Network Security Ethical Hacking	EAI441/ BOCS704C
3.	01:30 PM – 04:30 PM, 11 January 2025	Soft Computing/	TAI471
4.	01:30 PM – 04:30 PM, 16 January 2025	Deep Learning	EAI451
5.	01:30 PM – 04:30 PM, 18 January 2025	Engineering Economics	TAH473



B. Tech - IV YEAR VII SEMESTER Electrical & Electronics Engineering

S. NO.	TIME AND DATE	REGULAR PAPER	
	TIME AND DATE	SUBJECT NAME	SUBJECT CODE
6.	01:30 PM – 04:30 PM, 07 January 2025	Switchgear and protection	BEET701
7.	01:30 PM – 04:30 PM, 09 January 2025	Utilization of Electrical Energy and traction	BEET702
8.	01:30 PM – 04:30 PM, 11 January 2025	Non-Conventional Energy resources High Voltage Engineering	BEET703B BEET703C
9.	01:30 PM – 04:30 PM, 16 January 2025	Internet of things Advances in Entrepreneurship Development Robotics and automation	BOCT704A BOCT704B BOCT704D



B. Tech - IV YEAR VII SEMESTER Electrical Engineering

Electrical Engineering				
g No		REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	01:30 PM – 04:30 PM, 07 January 2025	Non-Conventional Energy Resources/ Power Quality and Facts/ Open Elective	BEET703B/ BEET701/ #TOE-XY	
2.	01:30 PM – 04:30 PM, 09 January 2025	Power System stability/ Intelligent System	BEET704/ TEE471	
3.	01:30 PM – 04:30 PM, 11 January 2025	Soft Computing/ Special Electromechanical systems/ Energy Management and SCADA ANN & Fuzzy Logic/ HVDC Transmission Systems/ Biomedical Instrumentation	BEET703A/ BEET703D/ BEET703E/ BEET071/ EEE474/ EEE477	
4.	01:30 PM – 04:30 PM, 16 January 2025	Internet of things Robotics and Automation/ Wind and Solar Energy/ Solar and Wind Energy Systems	BOET704A BOET704 D/ BEET074/ EEE470	
5.	01:30 PM – 04:30 PM, 18 January 2025	Rural Development/ Engineering Economics	HSMC081/ TAH471	



B. Tech - IV YEAR VII SEMESTER

Electronics & Communication Engineering/ Electronics & Tele Communication Engineering

e No		REGULAR PAPER		
S. NO.	TIME AND DATE	SUBJECT NAME	SUBJECT CODE	
1.	01:30 PM – 04:30 PM, 07 January 2025	Microwave Engineering Open Elective	BECT 701/ #TOE-XY	
2.	01:30 PM – 04:30 PM, 09 January 2025	Digital Image Processing Advanced Communication Systems Wireless Sensor Networks/ Digital Image Processing and Applications	BECT703B/ BECT075 BECT 703 C BECT 703 D/ EEC452	
3.	01:30 PM – 04:30 PM, 11 January 2025	Mobile Ad Hoc Networks/ Artificial Intelligence/ Artificial Neural Networks/ Satellite Communication	BOEC 704 A/ BOEC 704 B/ BOEC 704 C/ BECT-074	
4.	01:30 PM – 04:30 PM, 16 January 2025	Optical Fibre Communication	BECT702/BECT701/TEC471	
5.	01:30 PM – 04:30 PM, 18 January 2025	Information Retrieval/ Computer Programming in Python/ Rural Development	SAI701/ SIT701/ HSMC081	



B. Tech - IV YEAR VII SEMESTER

Mechanical Engineering/Mechanical Engineering (Manufacturing)

Wiechanicai Engineering/ Wiechanicai Engineering (Wandulacturing)								
S. NO.	TIME AND DATE	REGULAR PA	BACK PAPER					
		SUBJECT NAME	CT NAME SUBJECT CODE		SUBJECT CODE			
1.	01:30 PM – 04:30 PM, 07 January 2025	Maintenance and Safety/ Open Elective	BMET701/ BMET072/ #TOE-XY					
2.	01:30 PM – 04:30 PM, 09 January 2025	Computer Integrated Manufacturing/ CAD/CAM/ Automation in Engineering	BMET 702/ BMET 701/ TME471					
3.	01:30 PM – 04:30 PM, 11 January 2025	Nano Materials Mechanical Vibration	BMET 703A BMET 703C/TME472	Total Quality Management	TOE073			
4.	01:30 PM – 04:30 PM, 16 January 2025	Energy Conservation Introduction to AI/ Robotics & Automation/ Machine Tool Design	BMET704A / BMET 704 B/ BMET 078/EME442 EME444					
5.	01:30 PM – 04:30 PM, 18 January 2025	Electrical Systems Computer Programming in Python/ Power Plant Engineering/ Unconventional Manufacturing Process	SEE701 SRE701 EME431/ EME435					



B. Tech - IV YEAR VII SEMESTER Biotechnology

S. NO.	TIME AND DATE	REGULAR PAPER		BACK PAPER	
		SUBJECT NAME	SUBJECT CODE	SUBJECT NAME	SUBJECT CODE
1.	01:30 PM – 04:30 PM, 07 January 2025	Open Elective	TOE-XY	Disaster Preparedness & Planning	TOE-34
2.	01:30 PM – 04:30 PM, 09 January 2025	Nanobiotechnology	TBT471	Food Biotechnology	TBT471
3.	01:30 PM – 04:30 PM, 11 January 2025	Biosensor	EBT432		
4.	01:30 PM – 04:30 PM, 16 January 2025	Plant Biotechnology	EBT444		
5.	01:30 PM – 04:30 PM, 18 January 2025	Principle of Management	TAH471	Biotechnology Societal & Global Impact	THS471
6.	01:30 PM – 04:30 PM, 20 January 2025			Bioreactor Design	EBT422



B. Tech - IV YEAR VII SEMESTER Open Electives (GBPIET Pauri)

S. NO.	TIME AND DATE	REGULAR PAPER			
		SUBJECT NAME	SUBJECT CODE(#TOE-XY)		
1.	01:30 PM – 04:30 PM, 07 January 2025	Biofuel and Bioenergy / Envirnmental Sustainability & Renewable Energy/ Disaster Preparedness & Planning/ Non-Conventional Energy Resources/ Operational Research/ Project Management	TOE-21/ TOE-22/ TOE-34/ TOE-73/ TOE-80/ TOE-83		