

Subject Code	Subject_Name	Sem	Type	Credit	Dept	Degree	Admission Year	Faculty Name
BSC101	Chemistry	I	Theory+Practical	4+1.5	CSE (Sec-A) & CSE(AIML) (Sec-C)	B.Tech	2021	AKL/PCD
BSC103	Mathematics-I (Calculus & Linear Algebra)	I	Theory	4		B.Tech	2021	PCA
ECC101	Basic Electronics Engineering	I	Theory+Practical	2+1		B.Tech	2021	CME
MEC101	Engineering Graphics & Design	I	Theory+Practical	1+1		B.Tech	2021	RMK/ RMU
CSC101	Programming for Problem Solving-I (C)	I	Theory+Practical	1+1		B.Tech	2021	MKS/RDY
HSM101	English Communication & Public Speaking Skills-I	I	Theory	1		B.Tech	2021	SDA
GSC101	ESP & SDP-I	I	Theory	2		B.Tech	2021	VKS/AKM/NMA
MAR181	Mandatory Additional Requirement (MAR)	I	Sessional	0.5		B.Tech	2021	BSY
BSC102	Physics	I	Theory+Practical	4+1.5	ECE,EE,CE,ME (Sec-B)	B.Tech	2021	PKS/VVY
BSC103	Mathematics-I	I	Theory	4		B.Tech	2021	PCA
EEC102	Basic Electrical Engineering	I	Theory+Practical	2+1		B.Tech	2021	DDA, DDS
MEC102	Workshop & Manufacturing Practices	I	Theory+Practical	1+1		B.Tech	2021	VKY/ VPS
CSC101	Programming for Problem Solving-I (C)	I	Theory+Practical	1+1		B.Tech	2021	HBE
HSM101	English Communication & Public Speaking Skills-I	I	Theory	1		B.Tech	2021	SDA
GSC101	ESP & SDP-I	I	Theory	2		B.Tech	2021	VKS/AKM/NMA
MAR181	Mandatory Additional Requirement (MAR)	I	Sessional	0.5		B.Tech	2021	BSY
BSC101	Fundamental of Physics	I	Theory+Practical	3+1	CSBS	B.Tech	2021	NA
BSC102	Mathematics-I	I	Theory	4		B.Tech	2021	NA
BSC103	Statistics-I	I	Theory	4		B.Tech	2021	NA
EEC101	Principal of Electrical Engineering	I	Theory+Practical	3+1		B.Tech	2021	NA
CBC101	Fundamental of Computer Science	I	Theory+Practical	3+1		B.Tech	2021	NA
HSM101	Business Communication & Value Science-I	I	Practical	2+1		B.Tech	2021	NA
GSC101	ESP & SDP-I	I	Theory	2		B.Tech	2021	NA
HSM181	Design Thinking & Innovation-I	I	Sesional	0.5		B.Tech	2021	NA
BCA101	Programming for Problem Solving Using C	I	Theory+Practical	3+1	BCA	BCA	2021	SPE
BCA102	Computer System & Office Automation Tools	I	Theory+Practical	3+1		BCA	2021	HBE
BCA103	Digital Electronics	I	Theory+Practical	3+1		BCA	2021	PRN
BCA104	Business System & Administration	I	Theory	3		BCA	2021	SBL
BSC101	Mathematics-I	I	Theory	3		BCA	2021	PCL
HSM101	English Communication & Public Speaking Skills-I	I	Theory+Practical	2+1		BCA	2021	SDA
BGSC101	ESP & SDP-I	I	Theory	2		BCA	2021	VKS/AKM/NMA

MCA101	Programming for Problem Solving using Python	I	Theory+Practical	3+1	MCA	MCA	2021	SKR
MCA102	Data Structures Using C	I	Theory+Practical	3+1		MCA	2021	SGH with B.Tech 2nd Year A
MCA103	E-Commerce	I	Theory	3		MCA	2021	SPE
----	Discipline Elective-I <b>MCD101: Computer Organization and Architecture</b> MCD102: Processor Architecture	I	Theory+Practical	3+1		MCA	2021	DM
BSC101	Discrete Mathematics	I	Theory	3		MCA	2021	PCL
HSM101	Communication, Professional Writing & Technical Seminar	I	Theory+Practical	3+1		MCA	2021	KKA
MCA193	Computer System & Office Automation Tools Lab	I	Practical	1		MCA	2021	HBE
MGSC101	ESP & SDP-I	I	Theory	2		MCA	2021	VKS/AKM/NMA
CSC101	Mathematical Foundations of Computer Science	I	Theory	4		M.TECH	2021	RSA
<b>DE</b>	<b>Discipline Specific Elective</b> CSD111: Distributed System CSD112: Advanced Data Structures	I	Theory+Practical	3+1		M.TECH	2021	SGH
SEC	<b>Specialization Specific Elective-I</b> CC101: Virtualization & Networks in Cloud Computing BDA101: Big Data Analytics DS101: Data Science with Python AIML101: Deep Learning	I	Theory+Practical	3+1	CSE (CC, BDA,DS,AIML)	M.TECH	2021	SNK/UDI/RDY/SBL
SEC	<b>Specialization Specific Elective-II</b> CC102: Cloud Security BDA102:Big Data Modeling & Management DS102: Data Mining & Data Ware Housing AIML102: Machine Learning Techniques	I	Theory	3		M.TECH	2021	SNK/UDI/RDY/SBL
<b>OE</b> <b>RM111</b> PS112	<b>Open Elective Courses</b> <b>Research Methodology and IPR</b> Pedagogy Studies	I	Theory	2		M.TECH	2021	MKS
<b>HSM</b> <b>HSM111</b> HSM112	<b>Humanities</b> <b>Constitution of India</b> Stress Management by Yoga	I	Theory	2		M.TECH	2021	DM

TCE101	Advanced Engineering Mathematics	I	Theory	4	TRANSPORTATION ENGINEERING (CE)	M.TECH	2021	
TCE102	Highway Materials	I	Theory	4		M.TECH	2021	
TCE103	Traffic Engineering	I	Theory	4		M.TECH	2021	
TCE104	Pavement Analysis and Design	I	Theory	4		M.TECH	2021	
TCE105	<b>Elective - I</b> A) Ground Improvement Technique B) Modeling and Simulation in Transportation C) Traffic Flow Theory	I	Theory	4		M.TECH	2021	
TCE191	Highway Material Testing Laboratory	I	Practical	2		M.TECH	2021	
TCE192	Seminar-I	I	Practical	1		M.TECH	2021	
SCE101	Advanced Engineering Mathematics	I	Theory	4		M.TECH	2021	RSA(Merge with PED)
SCE102	Industrial Management	I	Theory	4	Structural Engineering (CE)	M.TECH	2021	SCY/UGI
SCE103	Advanced Structural Analysis	I	Theory	4		M.TECH	2021	Dr. Jyotirmoy Haloi (JMH)
SCE104	Soil Structure Interaction	I	Theory	4		M.TECH	2021	Dr. Vishwajeet Khan (VJK)
SCE105	<b>Elective – I</b> A)Bridge Engineering B)Structural Optimization <b>C)Repair And Rehabilitation of Structures</b>	I	Theory	4		M.TECH	2021	Pritha Naskar (PNR)
SCE191	Structure Lab 1	I	Practical	2		M.TECH	2021	Dr. Jyotirmoy Haloi (JMH)
SCE192	CAD Lab	I	Practical	2		M.TECH	2021	Varun Jangid (VJD)
SCE181	Seminar-I	I	Practical	1		M.TECH	2021	Subhro Chakraborty (SCY)
PE101	Machining Science-I	1	Theory	4	Production Engineering (ME)	M.TECH	2021	SCH
PE102	Machining Science-II	1	Theory	4		M.TECH	2021	AHN
PE103	Metal Forming	1	Theory	4		M.TECH	2021	VKY
PE104	Metrology and Computer Aided Inspection	1	Theory	4		M.TECH	2021	UGI
PE191	Manufacturing Lab	1	Practical	3		M.TECH	2021	AHN/VPS
TE101	Advanced Heat and Mass Transfer	I	Theory	4	Thermal Power Engineering (ME)	M.TECH	2021	RMU
TE102	Advanced Thermodynamics	I	Theory	4		M.TECH	2021	IAD
TE103	Advanced Fluid Mechanics	I	Theory	4		M.TECH	2021	VKY
TE104	Applied Mathematics for Mechanical Engineers	I	Theory	4		M.TECH	2021	RSA/PCL
TE191	Thermal Engineering Lab	I	Practical	3		M.TECH	2021	IAD/VKY
EMM101	Advanced Engineering Mathematics	I	Theory	4	Power Systems (EE)	M.TECH	2021	RSA(Merge with PED)
PSM101	Advanced Power System Analysis	I	Theory+Practical	3+1		M.TECH	2021	BPS
PSM102	High Voltage Transmission System	I	Theory+Practical	3+1		M.TECH	2021	PBY
PSM103	Power Quality PSM 103 (c)	I	Theory	4		M.TECH	2021	AKS

PSM104	Optimization Techniques	PSM104(a)	I	Theory	4	Power Electronics and Drives (EE)	M.TECH	2021	RSA(Merge with PED)
EMM101	Advanced Engineering Mathematics		I	Theory	4		M.TECH	2021	RSA(Merge with PS)
PEM101	Advanced Power Electronics		I	Theory+Practical	3+1		M.TECH	2021	DDA
PEM102	Electric Drive & Their Control		I	Theory+Practical	3+1		M.TECH	2021	SSA
PEM103	Linear System Theory	PEM 103(a)	I	Theory	4		M.TECH	2021	PBY
PSM104	Optimization Techniques	PSM104(a)	I	Theory	4		M.TECH	2021	RSA(Merge with PS)
A101	Research Methodology and IPR		I	Theory	2	Communication Engineering (ECE)	M.TECH	2021	AKN
CEC101	Advanced Communication Networks		I	Theory	3		M.TECH	2021	SVS
CEC102	Wireless and Mobile Communication		I	Theory	3		M.TECH	2021	CME
CED102	Optical Networks		I	Theory	3		M.TECH	2021	SND
CED105	RF and Microwave Circuit Design		I	Theory	3		M.TECH	2021	SSR
CEC191	Advanced Communication Networks Lab		I	Practical	2		M.TECH	2021	SVS
CEC192	Wireless and Mobile Communication Lab		I	Practical	2		M.TECH	2021	CME
MVLSI101	Advanced Engineering Mathematics		I	Theory	4	Micro Electronics & VLSI (ECE)	M.TECH	2021	
MVLSI102	VLSI Devices and Modeling		I	Theory	4		M.TECH	2021	
MVLSI103	Digital IC Design		I	Theory	4		M.TECH	2021	
MVLSI104	Microelectronics Technology & IC Fabrication		I	Theory	4		M.TECH	2021	
MVLSI105	Advanced Digital Communication		I	Theory	4		M.TECH	2021	
MVLSI191	CAD Tools for Design		I	Practical	2		M.TECH	2021	
MVLSI192	Embedded System Lab-I		I	Practical	2	BBA	M.TECH	2021	
MVLSI193	Seminar: Based on Literature survey		I	Practical	1		M.TECH	2021	
BBA101	Principles of Management		I	Theory	4		BBA	2021	SWETA PAREEK
BBH102	English Language & Communication		I	Theory	4		BBA	2021	KKA
BBA103	Business Accounting		I	Theory	4		BBA	2021	Bhaskar Arora
BBM104	Business Mathematics		I	Theory	4		BBA	2021	PMK
BBC105	Introduction to Computing		I	Theory	4		BBA	2021	SBK
BBH192	Language Laboratory		I	Practical	2		BBA	2021	KKS
BBC195	Computing Laboratory		I	Practical	2		BBA	2021	SBK
MB101	Managerial (Micro) Economics		I	Theory	4		BBA	2021	Dr Preeti Sharma

MB102	Business Communication	I	Theory	4	MBA	MBA	2021	SDA
MB103	Computer Applications for Business	I	Theory	4		MBA	2021	SPE
MB104	Organizational Behaviour	I	Theory	4		MBA	2021	Dr Manisha singh
MB105	Quantitative Methods	I	Theory	4		MBA	2021	Dr Rahul
MB106	Financial Reporting, Statements and Analysis	I	Theory	4		MBA	2021	Dr Lata Rani Mutti
MB107	Indian Ethos and Business Ethics	I	Theory	4		MBA	2021	KKA
MB108	Entrepreneurship	I	Theory	4		MBA	2021	Bhaskar Arora
ANA101	Anatomy	1	Theory	5		BPT	2021	SSH/SML
PHY101	Physiology	1	Theory	5	BPT	BPT	2021	MTA
BCH101	Biochemistry	1	Theory	2		BPT	2021	SRI
EXT101	Exercise Therapy-I	1	Theory	4		BPT	2021	AAS
ELT101	Electrotherapy-I	1	Theory	4		BPT	2021	ABL
EXT191	Exercise Therapy-I Practical	1	Practical	2		BPT	2021	AAS:ARK
ELT191	Electrotherapy-I Practical	1	Practical	2		BPT	2021	ABL:ARK
ANA191	Anatomy Practical	1	Practical	2		BPT	2021	SSH/SML:SMA
PHY191	Physiology Practical	1	Practical	2		BPT	2021	MTA:SMA
Activity						BPT	2021	IKN
MPT101	Basic Science and Biomechanics	1	Theory	5	MPT	MPT	2021	SML
MPT102	Research Methodology, Biostatistics & Ethical issues	1	Theory	5		MPT	2021	MTA/SSH
MPT103	Electro Physiology & Exercise Physiology	1	Theory	5		MPT	2021	AAS/ABL
MPT104	Physical and Functional Diagnosis	1	Theory	5		MPT	2021	IKN
MPT105	Practical	1	Practical	3		MPT	2021	SML/ARK
MPT106	Viva-Voce	1	Practical	1		MPT	2021	SSH
Activity		1	Practical	1		MPT	2021	ABL