

Winter Semester _ 2024-2025

FFCS Course List

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BCE	CHY1005	Introduction to Computational Chemistry	LTP	4	UCNSC
2	24BCE	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	UCBESC
3	24BCE	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
4	24BCE	MAT2005	Transform Techniques and Difference Equations	LT	3	UCNSC
5	24BCE	HUM0002	Swachh Bharat	PJ	1	UEOE
6	24BCE	SST1003	Professional Communication Skills for Engineers	P	1	UCSDC
7	24BCE	CSE2001	Object Oriented Programming with C++	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BCE	CSE2003	Computer Architecture and Organization	LT	4	PC
2	23BCE	CSE3004	Design and Analysis of Algorithms	LT	4	PC
3	23BCE	ECE3004	Microprocessors and Microcontrollers	LTP	4	PC
4	23BCE	MAT3003	Probability, Statistics and Reliability	LT	4	UCNSC
5	23BCE	CSE2006	Programming in Java	LP	3	UCSDC
6	23BCE	DSN2099	Project Exhibition - II	PJ	1	UC
7	23BCE		NPTEL Elective	PE	3	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BCE	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BCE	CSE3003	Operating Systems	LTP	4	PC
3	22BCE	CSE3006	Computer Networks	LTP	4	PC
4	22BCE	CSE3009	Parallel and Distributed Computing	LTP	4	PC
5	22BCE	CSE3015	AWS Cloud Practitioner	LTP	4	PE
6	22BCE	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
7	22BCE	HUM0003	Indian Constitution	LT	2	UEOE
8	22BCE		NPTEL Elective	LT	3	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BAI	CHY1006	Environmental Sustainability	LT	2	UCHSSMC
2	24BAI	CSE1021	Introduction to Problem Solving and Programming	LTP	4	UCSDC
3	24BAI	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UENSC
4	24BAI	CSE2001	Object Oriented Programming with C++	LTP	4	PC
5	24BAI	PHY1003	Introduction to Computational Physics	LTP	4	UCNSC
6	24BAI	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BAI	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BAI	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BAI	MAT2001	Differential and Difference Equations	LT	3	UENSE
3	23BAI		NPTEL Elective	LT	3	PE
4	23BAI	MEE2014 / CSE3003	Engineering Design and Modeling / Operating Systems	LTP	4	UCBESC / PC
5	23BAI	CSE2004	Theory of Computation and Compiler Design	LT	4	PC
6	23BAI	CSE3001	Database Management Systems	LTP	4	PC
7	23BAI	DSN2099	Project Exhibition - II	PJ	1	UCPI
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BAI	CSA4008	Applied Machine Learning	LTP	4	PC
2	22BAI	CSA3006	Data Mining and Warehousing	LTP	4	PC
3	22BAI	CSA4028	Natural Language Processing	LTP	4	PC
4	22BAI	CSA3007	Deep Learning	LTP	4	PC
5	22BAI	CSA4029	Reinforcement and Representation Learning	LTP	4	PC
6	22BAI	CSA2003	Digital Logic and Computer Architecture	LTP	4	PC
7	22BAI	PLA1004	Competitive Coding Practice	LP	3	UCSDC

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BCY	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UCNSC
2	24BCY	CSE1021	Introduction to Problem Solving and Programming	LTP	4	UCSDC
3	24BCY	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
4	24BCY	CSD1001	Principles of Digital Forensics	LT	3	PC
5	24BCY	HUM0002	Swachh Bharat	PJ	1	UEOE
6	24BCY	ECE2002	Digital Logic Design	LTP	4	PC
7	24BCY	HUM1002	Emotional Intelligence	LT	3	UEHSSME
8	24BCY	PHY1003	Introduction to Computational Physics	LTP	4	UCNSC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BCY	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BCY	MAT3003	Probability, Statistics and Reliability	LT	4	UCNSC
3	23BCY	MEE2014	Engineering Design & Modeling	LTP	4	UCBESC
4	23BCY	DSN2099	Project Exhibition - II	PJ	1	UCPI
5	23BCY	SST2003	Dynamics of Workplace Communication Skills	P	1	UCSDC
6	23BCY	CSE3001	Database Management Systems	LTP	4	PC
7	23BCY	CSE3003	Operating System	LTP	4	PC
8	23BCY		NPTEL Elective	LT	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BCY	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BCY	CSD4001	Software Vulnerability Testing	LTP	4	PC
3	22BCY	CSE4001	Internet and Web Programming	LTP	4	PC
4	22BCY	CSE3005	Software Engineering	LTP	4	PC
5	22BCY		NPTEL Elective	LT	3	PE
6	22BCY	CSE3016	AWS Solution Architect	LTP	4	PE
7	22BCY	HUM0003	Indian Constitution	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BCG	EEE1001	Electric Circuits and Systems	LTP	4	UCBESC
2	24BCG	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	UCBESC
3	24BCG	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UCNSC
4	24BCG	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
5	24BCG	HUM0002	Swachh Bharat	PJ	1	UEOE
6	24BCG	HUM1002	Emotional Intelligence	LT	3	UEHSSME
7	24BCG	CSE2001	Object oriented programming with C++	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BCG	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BCG	CSE3003	Operating systems	LTP	4	PC
3	23BCG	CSG3004	Augmented and Virtual Reality in Gaming	LTP	4	PC
4	23BCG	CSG3003	Agile Game Development	LT	3	PC
5	23BCG	CET3012	Gaming for Education	LP	3	PE
6	23BCG	MAT2001	Differential and Difference Equations	LT	3	UENSE
7	23BCG	DSN2099	Project Exhibition – II	PJ	1	UCPI
8	23BCG		NPTEL Elective	LT	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BCG	CSG3005	Gaming in Cloud	LT	3	PC
2	22BCG	CSG3007	Design Game using Artificial Intelligence and Machine Learning	LTP	4	PC
3	22BCG	CSG3008	3D Modelling and Animation	LP	3	PC
4	22BCG	CSE3015	AWS Cloud Practitioner	LTP	4	PE
5	22BCG	PLA1006	Lateral Thinking	LT	2	UCSDC
6	22BCG	CSE0002	Open Source Software (Linux administration)	LT	2	UEOE
7	22BCG	HUM0003	Indian Constitution	LT	2	UEOE
8	22BCG	CSE3011	Python Programming	LP	3	UEOE

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BHI	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UCNSC
2	24BHI	EEE1001	Electric Circuits and Systems	LTP	4	UCBESC
3	24BHI	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	UCBESC
4	24BHI	CHY1006	Environmental Sustainability	LT	2	UCHSSMC
5	24BHI	PHY2011	Biophysics	LT	3	UENSE
6	24BHI	HUM1002	Emotional Intelligence	LT	3	UEHSSME
7	24BHI	HUM0002	Swachh Bharat	PJ	1	UEOE
8	24BHI	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BHI	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BHI	SST2003	Dynamics of Workplace Communication Skills	P	1	UCSDC
3	23BHI	DSN2099	Project Exhibition – II	PJ	1	UCPI
4	23BHI	CDS3005	Foundations of Data Science	LP	3	UEME
5	23BHI	CSE3003	Operating Systems	LTP	4	PC
6	23BHI	CHI3001	App Development for Healthcare Informatics	LP	3	PC
7	23BHI		NPTEL Elective		3	UEOE
8	23BHI	CSE3007	Artificial Intelligence	LT	3	PE
9	23BHI	CSE3006	Computer Networks	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BHI	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BHI	CHI2001	IoT in Healthcare	LP	3	PC
3	22BHI	CSE3010	Computer Vision	LP	3	PC
4	22BHI	CSA4008	Applied Machine Learning	LTP	4	PC
5	22BHI	CHI3005	Wearable Technology and IoT	LP	3	PC
6	22BHI	CSA4006	Natural Language Processing	LT	3	PE
7	22BHI	CHI3012	Blockchain in Healthcare	LT	3	PE
8	22BHI	CHI4010	Healthcare Data Analytics	LP	3	PE
9	22BHI	HUM0001	Ethics and Values	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BSA	EEE1001	Electric Circuits and Systems	LTP	4	UCBESC
2	24BSA	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	UCBESC
3	24BSA	CHY1006	Environmental Sustainability	LT	2	UCHSSMC
4	24BSA	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
5	24BSA	MAT2005	Transform Techniques and Difference Equations	LT	3	UENSE
6	24BSA	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BSA	HUM1002	Emotional Intelligence	LT	3	UEHSSME
8	24BSA	CSE2001	Object Oriented Programming with C++	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BSA	MAT3003	Probability, Statistics and Reliability	LT	4	UCNSC
2	23BSA	MEE2014	Engineering Design and Modelling	LTP	4	UCBESC
3	23BSA	DSN2099	Project Exhibition - II	PJ	1	UCPI
4	23BSA	CSE3001	Database Management Systems	LTP	4	PC
5	23BSA	CSE3006	Computer Networks	LTP	4	PC
6	23BSA	CCA2016	Introduction to Cloud Services	LP	3	PE
7	23BSA		NPTEL Elective		3	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BSA	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BSA	CCA3001	Cloud Data Management	LTP	4	PC
3	22BSA	CCA3002	Fog and Edge Computing	LT	3	PC
4	22BSA	CCA3006	Cloud Security Management	LT	3	PC
5	22BSA	CCA3007	High Performance Computing	LT	3	PC
6	22BSA	CCA3010	Containerization and Micro Services	LP	3	PE
7	22BSA	CCA2016	Introduction to Cloud Services	LP	3	PE
8	22BSA	CSE3007	Artificial Intelligence	LT	3	PE
9	22BSA	HUM0001	Ethics and Values	LT	2	NMC

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BEY	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	UCBESC
2	24BEY	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UCNSC
3	24BEY	EEE1001	Electric Circuits and Systems	LTP	4	UCBESC
4	24BEY	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
5	24BEY	HUM0002	Swachh Bharat	PJ	1	UEOE
6	24BEY	HUM1002	Emotional Intelligence	LT	3	UEHSSME
7	24BEY	CSE2001	Object Oriented Programming with C++	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BEY	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BEY	MAT2003	Applied Numerical Methods	LT	3	UENSE
3	23BEY	MEE2014	Engineering Design and Modelling	LTP	4	UCBESC
4	23BEY	DSN2099	Project Exhibition – II	PJ	1	UCPI
5	23BEY		NPTEL	LT	3	UEOE
6	23BEY	CSE3004	Design and Analysis of Algorithms	LT	4	PC
7	23BEY	SST1003	Professional Communication Skills for Engineers	P	1	UCSDC
8	23BEY	CDS3005	Foundations of Data Science	LP	3	UEME
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BEY	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BEY		NPTEL Elective	LT	3	PC
3	22BEY	CEC3001	IOT in Ecommerce	LT	3	PC
4	22BEY	CEC3002	Business Intelligence	LTP	4	PC
5	22BEY	CEC3017	Blockchain Technology	LT	3	PE
7	22BEY	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
9	22BEY	HUM0003	Indian Constitution	LT	2	UEOE
10	22BEY	HUM0001	ETHICS AND VALUES	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BET	CHY1005	Introduction to Computational Chemistry	LTP	4	UCNSC
2	24BET	CSA2001	Fundamentals in AI & ML	LTP	4	UCBESC
3	24BET	MAT2002	Discrete Mathematics And Graph Theory	LT	4	UCNSC
4	24BET	HUM1002	Emotional Intelligence	LT	3	UEHSSME
5	24BET	CSA2003	Digital Logic and Computer Architecture	LTP	4	PC
6	24BET	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BET	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BET	MAT3003	Probability, Statistics and Reliability	LT	4	UCNSC
2	23BET	CSG3008	3D Modelling and Animation	LP	3	PC
3	23BET	CET3001	Educational Data Mining and Learning Analytics	LTP	4	PC
4	23BET	CSG3004	Augmented and Virtual Reality in Gaming	LTP	4	PC
5	23BET	SST1003	Professional Communication Skills for Engineers	P	1	UCSDC
6	23BET		NPTEL Elective	LT	3	PE
7	23BET	DSN2099	Project Exhibition II	PJ	1	UCPI
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BET	PLA1006	Lateral thinking	LT	2	UCSDC
2	22BET	CSG3004	Augmented and Virtual Reality in Gaming	LTP	4	PC
3	22BET	CSG3008	3D Modelling and Animation	LP	3	PC
4	22BET	CET3012	Gaming for Education	LP	3	PE
5	22BET	CSE3015	AWS Cloud Practitioner	LTP	4	PE
6	22BET	CSD3005	Data Privacy	LP	3	PE
7	22BET	CSE3011	Python Programming	LP	3	UEOE
8	22BET	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
9	22BET	HUM0003	Indian Constitution	LT	2	UEOE

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BOE	PHY1001	Engineering Physics	LTP	4	UCNSC
2	24BOE	CSE1021	Introduction to Problem Solving and Programming	LTP	4	UCSDC
3	24BOE	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
4	24BOE	HUM1002	Emotional Intelligence	LT	3	UEHSSME
5	24BOE	MAT2101	Applications of Differential Equations	LT	3	UCNSC
6	24BOE	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BOE	CHY1003	Biochemistry	LTP	4	UCNSC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BOE	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BOE	BIO2001	Human Physiology	LT	3	PC
3	23BOE	BIO2003	Biomaterials	LT	3	PC
4	23BOE	EEE3100	Biosignals and Image Processing	LTP	4	PC
5	23BOE	BIO3014	Cancer Biology	LT	3	PE
6	23BOE	BIO3011	Biomedical Instrumentation	LT	3	PE
7	23BOE	DSN2099	Project Exhibition - II	PJ	1	UCPI
8	23BOE	CSE2006	Programming in JAVA	LP	3	UCSDC
9	23BOE	SST2003	Dynamics of Workplace Communication Skills	P	1	UCSDC
10	23BOE	PHY2011	Biophysics	LP	3	UENSE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BOE	PLA1006	Lateral thinking	LT	2	UCSDC
2	22BOE	BIY3004	Bioinformatics	LTP	4	PC
3	22BOE	BIO3002	Immune Engineering	LTP	4	PC
4	22BOE	BIO3003	Tissue Engineering	LTP	4	PC
5	22BOE	BIO3022	Stem Cells and Regenerative Medicine	LTP	4	PC
6	22BOE	BIY3007	Allied Chemistry	LT	3	UENSE
7	22BOE	BIO3020	Personalized Medicines	LT	3	PE
8	22BOE	HUM0001	ETHICS AND VALUES	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BAC	CHY1001	Engineering Chemistry	LTP	4	UC NSC
2	24BAC	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UC NSC
3	24BAC	ENG2005	Advanced Technical Communication	LT	2	UC HSSMC
4	24BAC	MAT2005	Transform Techniques and Difference Equations	LT	3	UE NSE
5	24BAC	CSA2001	Fundamentals of AI and ML	LTP	4	UC BESC
6	24BAC	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BAC	ECE2002	Digital Logic Design	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BAC	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BAC	DSN2099	Project Exhibition - II	PJ	1	UC PI
3	23BAC	SST2003	Dynamics of Workplace Communication	P	1	UCSDC
4	23BAC	MAT3004	Random Process	LT	3	UENSE
5	23BAC	EAC2007	Neural Networks And Evolutionary Computation	LT	3	PC
6	23BAC	EAC2006	Multimedia Signal Processing	LT	3	PC
7	23BAC	ECE3004	Microprocessor And Microcontroller	LTP	4	PC
8	23BAC		NPTEL Elective	LT	3	PE
9	23BAC	CSE3011	Python Programming	LP	3	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BAC	PLA1006	Lateral Thinking	LT	2	UCSDC
2	22BAC	EAC4001	Robot Motion Control	LTP	4	PC
3	22BAC	CSA4020	Deep Learning	LP	3	PC
4	22BAC	ECE4010	Embedded Systems	LTP	4	PE
5	22BAC	EAC4010	Autonomous Robotics	LP	3	PE
6	22BAC	EAC4011	Robot Operating Systems (ROS)	LP	3	PE
7	22BAC	ECE3006	VLSI Design	LP	3	PE
8	22BAC	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
9	22BAC	HUM0003	Indian Constitution	LT	2	UEOE

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BEC	CHY1001	Engineering Chemistry	LTP	4	UC NSC
2	24BEC	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UC NSC
3	24BEC	ENG2005	Advanced Technical Communication	LT	2	UC HSSMC
4	24BEC	MAT2005	Transform Techniques and Difference Equations	LT	3	UE NSE
5	24BEC	CSA2001	Fundamentals of AI and ML	LTP	4	UC BESC
6	24BEC	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BEC	ECE2002	Digital Logic Design	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BEC	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BEC	DSN2099	Project exhibition - II	PJ	1	UCPI
3	23BEC	SST2003	Dynamics of workplace communication	P	1	UCSDC
4	23BEC	MAT3004	Random process	LT	3	UENSE
5	23BEC	CSE3011	Python Programming	LP	3	UEOE
6	23BEC	ECE3004	Microprocessors & microcontrollers	LTP	4	PC
7	23BEC	EEE3003	Control systems	LTP	4	PC
8	23BEC		NPTEL Elective	LT	3	PE
9	23BEC	ECE3005	Digital signal processing	LTP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BEC	PLA1006	Lateral thinking	LT	2	UCSDC
2	22BEC	ECE3006	VLSI design	LP	3	PC
3	22BEC	ECE4008	Wireless and optical communication systems	LT	3	PC
4	22BEC	ECE3010	Information theory and Coding	LT	3	PC
5	22BEC	ECE4002	Antenna and wave propagation	LT	3	PC
6	22BEC	ECE4010	Embedded systems	LTP	4	PE
7	22BEC	CSA4004	Deep learning	LT	4	PE
8	22BEC	HUM0003	Indian Constitution	LT	2	UEOE
9	22BEC	CSE3011	Python Programming	LP	3	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BAS	EEE1001	Electric Circuits and Systems	LTP	4	UCBESC
2	24BAS	ASE2009	INTRODUCTION TO AEROSPACE ENGINEERING	LP	3	PC
3	24BAS	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
4	24BAS	MAT2002	Discrete Mathematics And Graph Theory	LT	4	UCNSC
5	24BAS	MEE1002	Engineering Mechanics	LT	3	PC
6	24BAS	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BAS	HUM1002	Emotional Intelligence	LT	3	UEHSSME
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BAS	ASE1003	THERMAL AND HEAT TRANSFER FOR AEROSPACE ENGINEERING	LTP	4	PC
2	23BAS	ASE3003	Aircraft Performance-Stability and Control	LT	3	PC
3	23BAS	ASE2003	Mechanisms And Machine Theory	LT	3	PE
4	23BAS	ASE3016	Introduction to Finite Element Method	LT	3	PE
5	23BAS	MAT3003	Probability, Statistics And Reliability	LT	4	UCNSC
6	23BAS	DSN2099	Project Exhibition – II	PJ	1	UCPI
7	23BAS	HUM0002	Swachh Bharat	PJ	1	UEOE
8	23BAS	CSA2001	Fundamentals in AI & ML	LTP	4	UCBESC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BAS	ASE2010	GUIDANCE, NAVIGATION AND CONTROL	LT	3	PC
2	22BAS	ASE4005	AEROELASTICITY	LT	3	PE
3	22BAS	MAT3002	APPLIED LINEAR ALGEBRA	LT	3	UENSC
4	22BAS	CDS3005	FOUNDATIONS OF DATA SCIENCE	LP	3	UEME
5	22BAS	HUM0001	ETHICS AND VALUES	LT	2	UEOE
6	22BAS	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
7	22BAS	HUM0003	Indian Constitution	LT	2	UEOE

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BME	EEE1001	ELECTRIC SYSTEMS AND CIRCUITS	LTP	4	UCBESC
2	24BME	MAT2005	Transform Techniques and Difference Equations	LT	3	UENSE
3	24BME	CSA2001	FUNDAMENTALS OF AI AND ML	LTP	4	UCBESC
4	24BME	ENG2005	ADVANCED TECHNICAL COMMUNICATION	LTP	2	UCHSMSC
5	24BME	CHY1006	ENVIRONMENTAL SUSTAINABILITY	LTP	2	UCHSMSC
6	24BME	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BME	HUM1002	Emotional Intelligence	LT	3	UEHSSME
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BME	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BME	DSN2099	PROJECT EXHIBITION II	PJ	1	UCPI
3	23BME	MEE3006	IC ENGINES	LT	3	PE
4	23BME	MEE2002	STRENGTH OF MATERIALS	LTP	4	PC
5	23BME	SST1003	Professional Communication Skills for Engineers	P	1	UCSDC
6	23BME	MEE2003	MANUFACTURING PROCESSES	LP	4	PC
7	23BME	MEE3005	DYNAMICS OF MACHINES	LTP	4	PC
8	23BME	MAT3003	Probability, Statistics and Reliability	LT	4	UCNSC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BME	MEE4001	DESIGN OF TRANSMISSION SYSTEMS	LT	4	PC
2	22BME	MEE2004	THERMAL ENGINEERING SYSTEMS	LTP	4	PC
3	22BME	EEE1001	ELECTRIC CIRCUITS AND SYSTEMS	LTP	4	UCBESC
4	22BME	MAT2002	DISCRETE MATHEMATICS AND GRAPH THEORY	LT	4	UCNSC
5	22BME	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
6	22BME	HUM0003	Indian Constitution	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BMR	EEE1001	ELECTRIC SYSTEMS AND CIRCUITS	LTP	4	UCBESC
2	24BMR	MAT2005	Transform Techniques and Difference Equations	LT	3	UENSE
3	24BMR	CSA2001	FUNDAMENTALS OF AI AND ML	LTP	4	UCBESC
4	24BMR	ENG2005	ADVANCED TECHNICAL COMMUNICATION	LTP	2	UCHSSMC
5	24BMR	CHY1006	ENVIRONMENTAL SUSTAINABILITY	LTP	2	UCHSSMC
6	24BMR	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24BMR	HUM1002	Emotional Intelligence	LT	3	UCHSSME
8	24BMR	MEE1003	MATERIALS ENGINEERING AND TECHNOLOGY	LP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BMR	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23BMR	MEE2002	STRENGTH OF MATERIALS	LTP	4	PC
3	23BMR	DSN2099	PROJECT EXHIBITION II	PJ	1	UCPI
4	23BMR	MAT3003	PROBABILITY, STATISTICS AND RELIABILITY	LTP	4	UCNSC
5	23BMR	SST1003	PROFESSIONAL COMMUNICATION SKILLS FOR ENGINEERS	PJ	1	UCSDC
6	23BMR	MEE3005	DYNAMICS OF MACHINES	LTP	4	PC
7	23BMR	MEA2016	CONTROL OF ROBOT MOTION	LP	3	PE
8	23BMR	MEE2003	MANUFACTURING PROCESSES	LP	4	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BMR	EEE1001	ELECTRIC CIRCUITS AND SYSTEMS	LTP	4	UCBESC
2	22BMR	MEA2006	FOUNDATION TO ROBOTICS	LT	3	PC
3	22BMR	MEE3015	MECHATRONICS	LP	3	PC
4	22BMR	MGT2003	TECHNOLOGY ENTREPRENEURSHIP	LT	3	UEHSSME
5	22BMR	MAT2002	DISCRETE MATHEMATICS AND GRAPH THEORY	LT	4	UCNSC
6	22BMR	CSE0002	Open-Source Software (Linux Administration)	LT	2	UEOE
7	22BMR	HUM0003	Indian Constitution	LT	2	UEOE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24MEI	MAT2005	Transform Techniques and Difference Equations	LT	3	UCNSC
2	24MEI	MAT2002	Discrete Mathematics And Graph Theory	LT	4	UCNSC
3	24MEI	CSE3002	Programming in Java	LTP	4	UEOE
4	24MEI	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
5	24MEI	HUM0002	Swachh Bharat	P	1	UEOE
6	24MEI	CSD1001	Principles of Digital Forensics	LT	3	PC
7	24MEI	CHY1007	Forensic Chemistry and Applications	LTP	4	UCNSC

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23MEI	ECE2002	Digital Logic Design	LTP	4	PC
2	23MEI	MAT2009	Applied Cryptography	LT	4	UCNSC
3	23MEI	CSE2004	Theory of Computation and Compiler Design	LT	4	PC
4	23MEI	CSE2003	Computer Architecture and Organization	LT	4	PC
5	23MEI	MAT2001	Differential and Difference Equations	LT	3	UCNSC
6	23MEI	DSN2099	PROJECT EXHIBITION II	PJ	1	UCPI
7	23MEI	CSD1001	Principle of Digital Forensics	LT	3	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22MEI	PLA1001	Programming for Computing Engineers	LT	4	UEOE
2	22MEI	PLA1003	Logic and Problem Solving for Engineers	LT	3	UEOE
3	22MEI	CSD4004	Cyber Clinic	P	2	PC
4	22MEI	CSD5003	Database Security	LTP	4	PC
5	22MEI	CSD3010	Cyber Physical Systems	LT	3	PC
6	22MEI	CSE3001	Database Management Systems	LTP	4	PC
7	22MEI	DSN2099	Project Exhibition – II	PJ	1	PC
8	22MEI	MAT3002	Applied Linear Algebra	LT	3	UCNSC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	21MEI	CSD5005	Network Analysis, Architecture and Design	LTP	4	PC
2	21MEI	PLA1003	Logic and Problem Solving for Engineers	LT	3	UEOE
3	21MEI	CSD6004	Malware Analysis	LP	3	PE
4	21MEI	CSD6010	Penetration Testing	LP	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24MIM	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
2	24MIM	HUM1002	Emotional Intelligence	LT	3	UEHSSME
3	24MIM	MAT2003	Applied Numerical Methods	LT	3	UENSE
4	24MIM	EEE1001	Electric Circuits and Systems	LTP	4	PC
5	24MIM	CSE2001	Object Oriented Programming with C++	LTP	4	PC
6	24MIM	HUM0002	Swachh Bharat	P	1	UEOE
7	24MIM	PHY1003	Introduction to Computational Physics	LTP	4	UCNSC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23MIM	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23MIM	SST2003	Dynamics of Workplace Communication Skills	P	1	UCSDC
3	23MIM	MAT2003	Applied Numerical Methods	LT	3	UE
4	23MIM	CSA2001	Fundamentals in AI and ML (Flipped Course)	LTP	4	PC
5	23MIM	ECE2002	Digital Logic Design	LTP	4	PC
6	23MIM	CSG2003	Human Computer Interaction	LT	3	PE
7	23MIM	CSE3004	Design and Analysis of Algorithms	LT	4	PC
8	23MIM	DSN2099	PROJECT EXHIBITION II	PJ	1	UCPI
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22MIM	PLA1001	Programming for Computing Engineers	LT	4	UEHSSME
2	22MIM	DSN2099	Project Exhibition – II	PJ	1	PC
3	22MIM	MAT3016	Stochastic Process	LT	3	UCNSC
4	22MIM	CSD4002	Ethical Hacking	LTP	4	UEOE
5	22MIM	CSA3003	Reinforcement Learning	LT	2	PC
6	22MIM	CSE3006	Computer Networks	LTP	4	PC
7	22MIM	CSA3001	Agent Based Intelligent System	LT	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	21MIM	PLA1003	Logic and Problem Solving for Engineers	LT	3	UEHSSME
2	21MIM	CSA3015	R Programming	LP	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24MIP	CHY1005	Introduction to Computational Chemistry	LTP	4	UCNSC
2	24MIP	MAT2002	Discrete Mathematics and Graph Theory	LT	4	UCNSC
3	24MIP	ENG2005	Advanced Technical Communication	LT	2	UCHSSMC
4	24MIP	CSE2001	Object Oriented Programming Using C++	LTP	4	PC
5	24MIP	CSE2003	Computer Architecture and Organization	LT	4	PC
6	24MIP	HUM0002	Swachh Bharat	PJ	1	UEOE
7	24MIP	MGT2003	Technology Entrepreneurship	LT	3	UEHSSME

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23MIP	HUM0002	Swachh Bharat	PJ	1	UEOE
2	23MIP	MAT3002	Applied Linear Algebra	LT	3	UC
3	23MIP	CSE2002	Data Structures and Algorithms	LTP	4	PC
4	23MIP	CSE3007	Artificial Intelligence	LT	3	PC
5	23MIP	CSA2002	Introduction to Drones	LT	2	PC
6	23MIP	CSD3005	Data Privacy	LP	3	PE
7	23MIP	CSA4003	Data Mining and Data Warehousing	LT	3	PE
8	23MIP	DSN2099	Project Exhibition – II	PJ	1	UCPI
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22MIP	PLA1001	Programming for Computing Engineers	LT	4	UEHSSME
2	22MIP	MAT2001	Differential and Difference Equations	LT	3	UCNSC
3	22MIP	CSE3003	Operating Systems	LTP	4	PC
4	22MIP	CDS3001	Distributed Systems	LP	3	PC
5	22MIP	CSD3005	Data Privacy	LP	3	PE
6	22MIP	DSN2099	Project Exhibition – II	PJ	1	PC
7	22MIP	CHI4010	Healthcare Data Analytics	LP	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	21MIP	PLA1003	Logic and problem solving for Engineers	LT	3	UEHSSME
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24MSI	PHY1001	Engineering Physics	LTP	4	UCNSC
2	24MSI	CSE1021	Introduction to Problem Solving and Programming	LTP	4	UCSDC
3	24MSI	ENG2005	Advanced Technical Communication	LT	2	UCSDC
4	24MSI	HUM1002	Emotional Intelligence	LT	3	UCHSSMC
5	24MSI	CHY1003	Biochemistry	LTP	4	PC
6	24MSI	MAT2101	Applications of Differential Equations	LT	3	UENSE
7	24MSI	BIY3001	Cell Biology	LT	3	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23MSI	HUM1108	Swachh Bharat	PJ	2	UCHSSMC
2	23MSI	BIO2001	Human Physiology	LT	3	PC
3	23MSI	BIO2003	Biomaterials	LT	3	PE
4	23MSI	EEE3100	Biosignals and Image Processing	LTP	4	PE
5	23MSI	BIO3014	Cancer Biology	LT	3	PE
6	23MSI	BIO3011	Biomedical Instrumentation	LT	3	PE
7	23MSI	DSN2099	Project Exhibition - II	PJ	1	UCPI
8	23MSI	CSE2006	Programming in JAVA	LP	3	PE
9	23MSI	SST2003	Dynamics of Workplace Communication Skills	P	1	UCSDC
10	23MSI	PHY2011	Biophysics	LP	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22MSI	BIY3004	Bioinformatics	LTP	4	PC
2	22MSI	BIO3002	Immune Engineering	LTP	4	PC
3	22MSI	BIO3003	Tissue Engineering	LTP	4	PC
4	22MSI	BIO3022	Stem Cells and Regenerative Medicine	LTP	4	PC
5	22MSI	HUM1108	Swachh Bharat	PJ	2	UCHSSMC
6	22MSI	BIY3007	Allied Chemistry	LT	3	UCNSC
7	22MSI	BIY3001	Cell Biology	LT	3	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	21MSI	BIY3017	Microbial and Biochemical Techniques	LP	3	PC
2	21MSI	BIO3020	Personalized Medicine	LT	3	PC
3	21MSI	BIY3007	Allied Chemistry	LT	3	UCNSC
4	21MSI	BIY3020	Environmental Biotechnology	LT	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	20MSI	DSN5097	Comprehensive Exam	PJ	2	UCPI

S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	24BBA	BMT1006	Spread sheet for Managers	P	1	PC
2	24BBA	BMT1004	Information Technology in Business	LT	3	PC
3	24BBA	BMT1010	Business Ethics	LT	2	UC
4	24BBA	CHY1002	Environmental Science	LT	3	UC
5	24BBA	MAT2007	Business Statistics	LT	3	UC
6	24BBA	BMT2024	Written analysis and Communication	LT	1	UC
7	24BBA	BMT1007	Financial Management	LT	3	PC
8	24BBA	BMT1012	Marketing Management	LT	3	PC
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	23BBA	BMT3001	Management Accounting	LT	4	PC
2	23BBA	BMT1008	Production and Operations Management	LT	3	PC
3	23BBA	BMT1014	Business Policy and Strategic Management	LT	3	PC
4	23BBA	BMT1009	Business Law	LT	3	PC
5	23BBA	BMT2025	Summer Internship	LT	2	PC
6	23BBA	BMT3009	Training and Development	LT	3	PE
S.No	Batch	Course Code	Course Name	Type	Credit	Category
1	22BBA	BMT3006	Basic Insurance Process	LT	3	PE
2	22BBA	BMT3010	Talent Management	LT	3	PE
3	22BBA	HUM1014	Indian Constitution	LT	3	UEOE
4	22BBA	BMT3005	Digital Marketing	LT	3	PE
5	22BBA	BMT3098	Major Project	LT	6	PE