Program/Courses offered in

Course Code	Course Name	L	T	P	C	Semester
HA1101	Food Production Foundation - I	4	0	0	4	I
HA1102	Food & Beverage Service Foundation - I	4	0	0	4	I
HA1131	Food Production Lab - I	0	0	4	2	I
HA1132	Food & Beverage Service Lab - I	0	0	2	1	I
HA1201	Food Production Foundation - II	4	0	0	4	II
HA1202	Food & Beverage Service Foundation - II	4	0	0	4	II
HA1231	Food Production Lab - II	0	0	4	2	II
HA1232	Food & Beverage Service Lab - II	0	0	2	1	II
HA2101	Introduction to Indian Cuisine	4	0	0	4	III
HA2131	Indian Cuisine Lab	0	0	4	2	III
HA2132	Food & Beverage Service Lab - III	0	0	2	1	III
HA2201	Global Cuisine & Patisserie	3	0	0	3	IV
HA2202	Food & Beverage Management	3	0	0	3	IV
HA2231	Global Cuisine Lab	0	0	4	2	IV
HA2232	Advanced Food and Beverage Service Lab	0	0	2	1	IV
HA2233	Bakery & Confectionery Lab	0	0	4	2	IV
HA3241	Culinary Management - I	0	2	4	4	VI
HA4141	Culinary Management - II	0	2	4	4	VII
BT6202	Plant Biotechnology	3	0	1	4	II
BT1201	Mycology, and Plant Pathology	2	1	0	3	II
BT1101	Diversity of Lower Plants	2	1	0	3	I

Program/Courses offered in

Sr. No.	Name of Course	Course Code
1	BIOPROCESS ENGINEERING	BS1501
2	PLANT SECONDARY METABOLITES	BS1502
3	BIOSCIENCES LAB-V	BS1531
4	ADVANCED BIOCHEMISTRY	BT6201
5	GENETIC ENGINEERING	BT6203
6	BIOTECHNOLOGY LAB. III	BT6230
7	BIOTECHNOLOGY LAB. IV	BT6231
8	ADVANCED GENETICS	BT7101
9	BIOPROCESS ENGINEERING	BT7102
10	STRUCTURAL BIOLOGY & BIOINFORMATICS	BT7103
11	BIOTECHNOLOGY LAB. V	BT7130
12	BIOTECHNOLOGY LAB. VI	BT7131
13	ANIMAL BIOTECHNOLOGY	BT7140
14	DEVELOPMENTAL BIOLOGY	BT7143
15	COURSERA-DNA DECODED MCMASTER UNIVERSITY	BT8008
16	TAXONOMY AND EMBRYOLOGY OF ANGIOSPERMS	BY1601
17	ENVIRONMENTAL MANAGEMENT	CV1691
18	SANITATION AND PUBLIC HEALTH	CV6106
19	SANITATION TECHNOLOGY	CV6104
20	SANITATION FLOW ANALYSIS	CV6105
21	ENVIRONMENTAL IMPACT ASSESSMENT	CV6201
22	FIELD ACTIVITY- 4 (SQUASH)	PE1330
23	FIELD ACTIVITY- 5 (TENNIS)	PE1331
24	FIELD ACTIVITY- 6 (BADMINTON)	PE1332
25	FIELD ACTIVITY- 7 (TABLE-TENNIS)	PE1333
26	BASICS OF RESEARCH	PE1501
27	FUNDAMENTALS OF STATISTICS	PE1502
28	ADAPTED PHYSICAL EDUCATION	PE1503
29	FIELD ACTIVITY- 11 (YOGA)	PE1530
30	FIELD ACTIVITY- 12 (HANDBALL)	PE1531
31	FITNESS AND WELLNESS	PE1552
32	EXPOSE ACTIVITIES	PE1630
33	FUNDAMENTALS OF PSYCHOLOGY-I	PS1101
34	STATISTICAL METHODS FOR PSYCHOLOGICAL RESEARCH	PS1102
35	PSYCHOLOGY	PS1103
36	PRACTICUM-I	PS1130
37	BASIC PSYCHOLOGICALPROCESSES-I	PS1140
38	EMOTIONAL INTELLIGENCE	PS1141
39	FUNDAMENTALS OF PSYCHOLOGY -II	PS1203
40	BIO-PSYCHOLOGY	PS1204
41	DEVELOPMENTAL PSYCHOLOGY-I	PS1205
42	COUNSELING SKILLS AND TECHNIQUES	PS1512
43	POSITIVE PSYCHOLOGY (MAJOR 2A)	PS1609

44	ORGANIZATIONAL PSYCHOLOGY (MAJOR 2B)	PS1610
45	APPLICATIONS OF PSYCHOLOGY IN MODERN LIFE	PS1611
46	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY	PS1612
47	OB & POSITIVE PSYCHOLOGY LAB	PS1630
48	PSYCHOLOGY PRACTICUM-4(LAB)	PS1632
49	SEMINAR	PS1680
50	FOUNDATIONS OF POSITIVE PSYCHOLOGY	PS2080
51	PSYCHOLOGY OF INDIVIDUAL DIFFERENCES	PS2106
52	PSYCHOLOGICAL RESEARCH	PS2107
53	DEVELOPMENTAL PSYCHOLOGY -II	PS2108
54	PRACTICUM -III	PS2130
55	FUNDAMENTALS OF SOCIAL PSYCHOLOGY	PS2140
56	DEVELOPMENTAL PSYCHOLOGY	PS2142
57	UNDERSTANDING PSYCHOLOGICAL DISORDERS	PS2209
58	SOCIAL PSYCHOLOGY	PS2210
59	ORGANISATIONAL BEHAVIOUR	PS2211
60	DEVELOPMENT OF PSYCHOLOGICAL THOUGHT	PS2212
61	CLINICAL PSYCHOLOGY:ASSESSMENT AND DIAGNOSIS	PS6101
62	PERSONALITY PSYCHOLOGY	PS6102
63	SOCIO-CULTURAL INFLUENCES ON BEHAVIOUR	PS6103
64	PSYCHOPATHOLOGY-I	PS6104
65	PRACTICUM-I ADJUSTMENT AND PERSONALITY ASSESSMENT	PS6130
66	CLINICAL COUNSELLING-SKILLS AND ETHICS	PS6201
67	ADVANCED PHYSIOLOGICAL PSYCHOLOGY	PS6202
68	STATISTICS AND DATA ANALYSIS	PS6203
69	PSYCHOPATHOLOGY- II	PS6204
70	PRACTICUM- II GENERAL MENTAL HEALTH ASSESSMENT	PS6230
71	RESEARCH SEMINAR (SCHOLARLY PSYCHOLOGICAL WRITING)	PS6280
72	CLINICAL NEUROPSYCHOLOGY	PS7101
73	PSYCHOTHERAPEUTIC INTERVENTION TECHNIQUES	PS7102
74	RESEARCH METHODS IN BEHAVIOURAL SCIENCE	PS7103
75	NEUROCOGNITIVE AND NEURODEVELOPMENTAL DISORDERS	PS7104
76	PRACTICUM- III INTELLIGENCE AND NEUROCOGNITIVE DEV	PS7130
77	INTERNSHIP	PS7181
78	CLINICAL COMMUNITY PSYCHOLOGY	PS7201
79	MEDICINE AND BEHAVIOUR MODIFICATION	PS7202
80	PSYCHOLOGY OF HEALTH AND WELLBEING	PS7203
81	PRACTICUM- IV CLINICAL ASSESSMENT AND DIAGNOSIS	PS7230
82	DISSERTATION	PS7282

Program/Courses offered in

Sr. No	Course Code	Name Of Course
1	BA0025	Universal Human Values
2	MB6101	Self-Development & Personality Growth
3	LN1106	Communicative English (Aecc)
4	LN1130	Language Lab (Aecc)
5	AT1101	Foundation Of Physical Education And Sports
6	AT1102	History Of Physical Education And Sports
7	AT1103	Education Technology
8	PE1503	Adapted Physical Education
9	PE1532	Theory Teaching Presentations
10	AT3103	Adapted Physical Education
11	AT3130	Teaching Practice
12	LA2104	Constitutional Law I
13	AT2191	Philosophical Foundations For Law
14	CM1129	Principles Of Management
15	LA1101	Sports Policy And Rules
16	JC6150	Fundamentals Of Photography
17	LN6103	Elizabethan And Jacobean Drama
18	LN6104	British Prose And Fiction I
19	LN8004	Sahitya Me Aadhunik Chintan Avam Vimarsh
20	LN8006	Greek And Roman Mythology
21	LN8001	Modern Critical And Literary Theory
22	LN8010	Sahitya Siddhant Aur Samalochana
23	DR8003	Research Methodology- Arts/Economics/ Psychology /

Program/Courses offered in

Sr. No.	Name of Course	Course Code
1	NATURAL ATTENUATION OF GROUNDWATER CONTAMINANTS: N	BT8011

2	ENVIRONMENTAL ENGINEERING - I	CV1504
3	WATER RESOURCE ENGINEERING	CV1702
4	RURAL WATER SUPPLY AND SANITATION	CV1792
5	WATER SUPPLY ENGINEERING	CV2202
6	WATER TREATMENT AND SANITATION SYSTEMS	CV6103
7	SANITATION AND PUBLIC HEALTH	CV6106
8	SANITATION TECHNOLOGY	CV6104
9	SANITATION FLOW ANALYSIS	CV6105
10	WASTEWATER TREATMENT SYSTEMS	CV6202
11	SANITATION BEHAVIOUR AND ADVOCACY	CV6206
12	EMERGENCY SANITATION	CV6204
13	WATER TREATMENT AND SAFE STORAGE	CY1491
14	GREEN CHEMISTRY	CY1515
15	WATER TECHNOLOGY AND SAFE STORAGE AND APPLICATIONS	CY2281
16	ENVIRONMENTAL ECOLOGY	CV6140
17	ENVIRONMENTAL ENGINEERING - I	CV1504
18	ENVIRONMENTAL ENGINEERING LABORATORY	CV1532
19	ENVIRONMENTAL IMPACT ASSESSMENT	CV1590
20	ENVIRONMENTAL ENGINEERING-II	CV1660

Program/Courses offered in

Goal 7:

Ensure access to affordable, reliable, sustainable and modern energy for all.
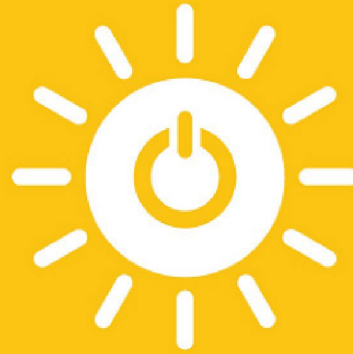
Sr. No.	Name of Course	Course Code
1	RENEWABLE ENERGY RESOURCES	EE1653
2	UTILIZATION OF ELECTRIC POWER	EE1661
3	DISTRIBUTED ENERGY RESOURCES	EE1663
4	ELECTRICAL ENERGY SYSTEMS	EE1691
5	POWER SYSTEM ENGINEERING	EE1702(N)
6	POWER SYSTEM OPERATIONS & CONTROL	EE1703(N)
7	SMART GRID SYSTEMS	EE1763
8	SOLAR PHOTOVOLTAICS	EE2080
9	FUNDAMENTALS OF RENEWABLE ENERGY SOURCES	EE2082
10	GENERATION TRANSMISSION & DISTRIBUTION	EE2202
11	ELECTRIC VEHICLE TECHNOLOGY	EE6104
12	ELECTRIC DRIVE I LAB	EE6130
13	ENERGY STORAGE DEVICES	EE6245
14	INTELLIGENT CONTROL SYSTEMS	EE6281
15	SOLAR ENERGY SYSTEM AND DESIGN	EE8017
16	ENERGY CONSERVATION, AUDIT AND MANAGEMENT	ME1694
17	RENEWABLE ENERGY SYSTEMS	ME1758
18	RENEWABLE ENERGY AND ENERGY HARVESTING	PY2141
19	ENVIRONMENTAL ENGINEERING - I	CV1504
20	ENVIRONMENTAL ENGINEERING LABORATORY	CV1532
21	ENVIRONMENTAL IMPACT ASSESSMENT	CV1590

Program/Courses offered in

Program code	Course code	Course name
9310	AI2101	RELATIONAL DATABASE MANAGEMENT SYSTEMS
9310	AI2102	COMPUTER ORGANIZATION AND ARCHITECTURE
9310	AI2103	DATA STRUCTURES AND ALGORITHMS
9310	AI2104	OBJECT ORIENTED PROGRAMMING
9310	AI2130	RELATIONAL DATABASE MANAGEMENT SYSTEMS LAB
9310	AI2131	DATA STRUCTURES AND ALGORITHMS LAB
9310	AI2132	OBJECT ORIENTED PROGRAMMING LAB USING PYTHON
9310	AI2170	PROJECT BASED LEARNING - I
9310	AI2201	SOFTWARE PROJECT MANAGEMENT
9310	AI2202	OPERATING SYSTEMS
9310	AI2203	PRINCIPLES OF ARTIFICIAL INTELLIGENCE
9310	AI2204	AUTOMATA THEORY
9310	AI2230	OPERATING SYSTEM LAB
9310	AI2231	WEB TECHNOLOGY LAB
9310	AI2232	PRINCIPLES OF ARTIFICIAL INTELLIGENCE LAB
9310	AI2270	PROJECT BASED LEARNING - II
9301	EO2001	ECONOMICS
9301	MA2101	ENGINEERING MATHEMATICS - III
9301	CS2101	DATA COMMUNICATIONS
9301	CS2102	COMPUTER SYSTEM ARCHITECTURE
9301	CS2103	DATA STRUCTURES & ALGORITHMS
9301	CS2104	OBJECT ORIENTED PROGRAMMING
9301	CS2130	DATA STRUCTURES & ALGORITHMS LAB
9301	CS2131	OBJECT ORIENTED PROGRAMMING LAB
9301	MA2201	ENGINEERING MATHEMATICS IV
9301	CS2201	OPERATING SYSTEMS
9301	CS2202	RELATIONAL DATABASE MANAGEMENT SYSTEMS
9301	CS2203	COMPUTER ORGANIZATION
9301	CS2230	OPERATING SYSTEMS LAB
9301	CS2231	RELATIONAL DATABASE MANAGEMENT SYSTEMS LAB
9301	CS2232	WEB TECHNOLOGY LAB
9301	CS3101	ARTIFICIAL INTELLIGENCE & SOFT COMPUTING
9301	CS3102	DESIGN & ANALYSIS OF ALGORITHMS
9301	CS3103	AUTOMATA THEORY & COMPILER DESIGN
9301	CS3104	COMPUTER NETWORKS
9301	CS3130	DESIGN & ANALYSIS OF ALGORITHMS LAB
9301	CS3131	ARTIFICIAL INTELLIGENCE & SOFT COMPUTING LAB
9301	CS3132	COMPUTER NETWORKS LAB
9301	IT3140	SOFT COMPUTING
9301	CC3140	WEB PROGRAMMING
9301	CC3141	SOFT COMPUTING
9301	CS3140	INFORMATION CODING
9301	CS3141	CLOUD COMPUTING & VIRTUALIZATION
9301	CS3142	PREDICTIVE ANALYTICS
9301	CS3201	SOFTWARE ENGINEERING
9301	CS3202	INFORMATION SYSTEMS SECURITY
9301	CS3203	DATA SCIENCE AND MACHINE LEARNING
9301	CS3230	SOFTWARE ENGINEERING LAB
9301	CS3231	INFORMATION SYSTEMS SECURITY LAB
9301	CS3270	MINOR PROJECT
9301	CS3240	PRINCIPLES OF SECURE PROGRAMING

9301	CS3241	CLOUD INFRASTRUCTURE SERVICES
9301	IT3240	DATA MINING AND DATA WAREHOUSING
9301	CC3240	ADVANCED INTERNET TECHNOLOGIES
9301	CC3241	COMPUTER VISION
9301	CS3242	IMAGE PROCESSING AND PATTERN ANALYSIS
9301	CS4170	INDUSTRIAL TRAINING
9301	CS4140	CYBER SECURITY
9301	CS4141	DIGITAL FORENSICS & CYBER CRIMES
9301	CS4142	CLOUD COMPUTING APPLICATIONS
9301	CS4143	CLOUD SECURITY AND PRIVACY
9301	IT4140	BIG DATA ANALYTICS
9301	IT4141	DEEP LEARNING
9301	CC4140	PRINCIPLES OF WEB SERVICES
9301	CC4142	NATURAL LANGUAGE PROCESSING
9301	CC4141	DEVOPS FUNDAMENTALS
9301	CC4143	DEEP LEARNING
9301	CS4144	INFORMATION RETRIEVAL
9301	CS4146	USER INTERFACE DESIGN
9301	CS4147	DIGITAL IMAGE PROCESSING
9301	CS4148	INTERNET OF THINGS
9301	CS4149	BIG DATA ANALYTICS
9301	CS4150	SOFTWARE DEFINED NETWORKS
9301	CS4151	DEEP NEURAL NETWORK
9301	CS4152	SOCIAL NETWORK ANALYSIS
9301	CS4154	LINUX SYSTEM AND SHELL PROGRAMMING
9301	CS4156	MOBILE COMPUTING
9301	CS4157	NATURAL LANGUAGE PROCESSING
9301	CS4158	COMPUTER VISION
9301	CS4270	MAJOR PROJECT
9202	EC2101	SIGNALS & SYSTEMS
9202	EC2102	ANALOG ELECTRONICS
9202	EC2103	DIGITAL SYSTEM DESIGN & COMPUTER ARCHITECTURE
9202	EC2104	ELECTROMAGNETIC FIELD THEORY
9202	EC2130	ANALOG ELECTRONICS LAB
9202	EC2131	DSD & HDL LAB
9202	EC2170	PROJECT BASED LAB - I
9202	EC2201	ANALOG INTEGRATED CIRCUITS & SYSTEMS
9202	EC2202	MICROPROCESSORS & MICROCONTROLLERS
9202	EC2203	DIGITAL SIGNAL PROCESSING
9202	EC2230	ELECTRONIC SUB-SYSTEM DESIGN LAB
9202	EC2231	DIGITAL SIGNAL PROCESSING LAB
9202	EC2232	MICROPROCESSORS & MICROCONTROLLERS LAB
9202	EC2270	PROJECT BASED LAB - II
9202	EC3101	ANTENNAS
9202	EC3102	NETWORK & CONTROL THEORY
9202	EC3103	ANALOG & DIGITAL COMMUNICATION
9202	EC3104	CMOS VLSI DESIGN
9202	EC3130	VLSI LAB
9202	EC3131	ANALOG & DIGITAL COMMUNICATION LAB
9202	EC3170	PROJECT BASED LAB - III
9202	EC3202	EMBEDDED & REAL TIME OPERATING SYSTEMS
9202	EC3203	OPTICAL COMMUNICATION
9202	EC3230	EMBEDDED & RTOS LAB

9202	EC3231	ANTENNA & MICROWAVE LAB
9202	EC3232	OPTICAL COMMUNICATION LAB
9202	EC3270	MINOR PROJECT-I
9202	EC3251	VLSI DESIGN WITH VERILOG HDL
9202	EC3240	WIRELESS COMMUNICATION & NETWORKS
9202	EC3241	RADAR & SATELLITE COMMUNICATION
9202	EC3242	VLSI TESTING & TESTABILITY
9202	EC3247	INTERNET OF THINGS
9202	EC4170	MINOR PROJECT - II
9202	EC4171	INDUSTRIAL TRAINING
9202	EC4140	MOBILE COMMUNICATION & NETWORKS
9202	EC4143	VLSI CAD
9202	EC4141	MODERN ANTENNA TECHNOLOGY
9202	EC4161	SYSTEM VERILOG FOR DESIGN & VERIFICATION
9202	EC4144	WIRELESS & ADHOC NETWORKS
9202	EC4152	LOW POWER VLSI DESIGN
9202	EC4160	DIGITAL IMAGE PROCESSING
9202	EC4147	PHOTONICS & OPTOELECTRONICS
9202	EC4157	NEURAL NETWORKS & DEEP LEARNING
9202	EC4146	INFORMATION THEORY & CODING
9202	EC4155	FUNDAMENTAL OF ROBOTICS SYSTEM
9202	EC4270	MAJOR PROJECT
9209	EL2101	COMPUTER ORGANIZATION & ARCHITECTURE
9209	EL2102	OBJECT ORIENTED PROGRAMMING
9209	EL2103	ANALOG & DIGITAL SYSTEMS
9209	EL2104	SENSOR & SENSOR CIRCUITS
9209	EL2130	PROGRAMMING LAB-I
9209	EL2131	ANALOG & DIGITAL SYSTEM DESIGN LAB
9209	EL2132	SYSTEM SIMULATION & VIRTUAL INSTRUMENTATION LAB
9209	EL2201	OPERATING SYSTEMS
9209	EL2202	NETWORK ANALYSIS & SYNTHESIS
9209	EL2203	ELECTRICAL MACHINES
9209	EL2230	PROGRAMMING LAB-II
9209	EL2231	ELECTRICAL MACHINES LAB
9209	EL2232	PROJECT BASED LEARNING LAB
9205	EE2101	ANALOG & DIGITAL SYSTEM DESIGN
9205	EE2102	ELECTROMAGNETIC FIELD THEORY
9205	EE2103	ELECTRICAL CIRCUIT ANALYSIS
9205	EE2104	ELECTRICAL MACHINES-I
9205	EE2130	ANALOG SYSTEM DESIGN LAB
9205	EE2131	DIGITAL SYSTEM DESIGN LAB
9205	EE2132	ELECTRICAL MACHINERY LAB - I
9205	EE2201	ELECTRICAL MACHINERY - II
9205	EE2202	GENERATION TRANSMISSION & DISTRIBUTION
9205	EE2203	MICROCONTROLLERS
9205	EE2230	ELECTRICAL MACHINERY LAB -II
9205	EE2231	MICROCONTROLLER LAB
9205	EE2232	MATLAB & SYSTEM SIMULATION LAB
9205	EE2233	PROJECT BASED LEARNING LAB
9205	EE3101	COMMUNICATION SYSTEMS
9205	EE3102	DIGITAL SIGNAL PROCESSING
9205	EE3103	MEASUREMENTS & INSTRUMENTATION
9205	EE3104	POWER SYSTEM ANALYSIS

9205	EE3130	DSP LAB
9205	EE3131	MEASUREMENTS & INSTRUMENTATION LAB
9205	EE3132	PROJECT BASED LEARNING LAB
9205	EE3201	LINEAR CONTROL THEORY
9205	EE3202	POWER ELECTRONICS
9205	EE3203	SWITCH GEAR & PROTECTION
9205	EE3230	POWER ELECTRONICS LAB
9205	EE3231	POWER SYSTEMS LAB
9205	EE3232	CONTROL & AUTOMATION LAB
9205	EE3270	MINOR PROJECT - I
9205	EE3255	RENEWABLE ENERGY SOURCES
9205	EE3240	DATA STRUCTURES & ALGORITHMS
9205	EE3247	INTRODUCTION TO ELECTRIC VEHICLES
9205	EE3245	COMPUTER NETWORKS
9205	EE3254	DYNAMICS OF ELECTRIC VEHICLE
9205	EE4170	MINOR PROJECT - II
9205	EE4171	SEMINAR / INDUSTRIAL TRAINING
9205	EE4162	SOLAR PHOTOVOLTAIC SYSTEMS
9205	EE4154	HVDC & FACTS
9205	EE4146	ROBOTICS & AUTOMATION
9205	EE4157	ENERGY STORAGE DEVICES
9205	EE4140	INTERNET OF THINGS
9205	EE4270	PROJECT WORK/PRACTICE SCHOOL
9403	MC1306	STRENGTH OF MATERIALS
9403	MC1307	ELECTRONIC MEASUREMENT & INSTRUMENTATION
9403	MC1308	ANALOGUE SYSTEM DESIGN
9403	MC1309	THEORY OF MACHINES
9403	MC1331	ANALOGUE SYSTEM DESIGN LAB
9403	MC1332	ELECTRONIC MEASUREMENT & INSTRUMENTATION LAB
9403	MC2101	STRENGTH OF MATERIALS
9403	MC2102	LINEAR INTEGRATED CIRCUITS
9403	MC2103	THEORY OF MACHINES
9403	MC2104	SENSOR AND INSTRUMENTATION
9403	MC2130	SIMULATION AND MODELLING LAB
9403	MC2131	SENSOR & INSTRUMENTATION LAB
9403	MC2170	SEMINAR
9403	MC2201	DESIGN OF MACHINE ELEMENTS
9403	MC2202	DIGITAL SYSTEM DESIGN
9403	MC2203	FLUID MECHANICS
9403	MC2230	PROGRAMMABLE LOGIC CONTROLLER LAB
9403	MC2231	INTEGRATED ELECTRONICS LAB
9403	MC2270	PROJECT BASED LEARNING-I
9403	BB1540	ORGANIZATION AND MANAGEMENT
9403	MC1507	CONTROL SYSTEM
9403	MC1508	MECHATRONICS SYSTEM ELEMENTS
9403	MC1509	MICROPROCESSORS & MICROCONTROLLERS
9403	MC1532	MICROPROCESSORS & MICROCONTROLLERS LAB
9403	MC1533	SENSORS & CONTROL LAB
9403	MC1550	SIGNALS & SYSTEMS
9403	MC3101	SIGNAL AND SYSTEMS
9403	MC3102	MICROCONTROLLER BASED SYSTEM DESIGN
9403	MC3103	PNEUMATIC AND HYDRAULIC SYSTEMS
9403	MC3104	LINEAR CONTROL THEORY

Program/Courses offered in

Program code	Course code	Course name
1105	LN1106	COMMUNICATIVE ENGLISH (AECC)
1105	LN1130	LANGUAGE LAB (AECC)
1105	CY1003	ENVIRONMENTAL SCIENCE (AECC)
1105	AT1151	ELEMENTS OF POLITICAL SCIENCE
1105	PS1140	BASIC PSYCHOLOGICALPROCESSES-I
1105	AT1141	INTRODUCTION TO PHILOSOPHY
1105	EO1101	MICROECONOMICS
1105	AT1161	INTRODUCTION TO SOCIOLOGY
1105	AT1201	ANATOMY AND PHYSIOLOGY
1105	AT1271	VALUE EDUCATION (AECC)
1105	LN1207	READING LANGUAGE THROUGH LITERATURE (AECC)
1105	AT1253	POLITICAL THEORY
1105	PS1240	BASICS PSYCHOLOGICAL PROCESSES-II
1105	AT1243	ETHICS
1105	AT1262	SOCIOLOGICAL THINKERS
1105	JC1250	PHOTOJOURNALISM
1105	AT1292	FUNDAMENTALS OF HINDUSTANI CLASSICAL MUSIC (VOCAL) – 2
1105	AT2155	INTERNATIONAL AFFAIRS
1105	PS2140	FUNDAMENTALS OF SOCIAL PSYCHOLOGY
1105	AA2103	DRAWING I
1105	AT2165	UNDERSTANDING RURAL SOCIETY CONTINUITY AND CHANGES
1105	JC2102	REPORTING AND ANCHORING
1105	EO2101	INDIAN ECONOMY I
1105	AT2147	INDIAN PHILOSOPHICAL SYSTEMS
1105	AT2256	PUBLIC ADMINISTRATION IN INDIA WITH SPECIAL REFERENCE TO LOCAL SELF GOVERNMENT
1105	AA2203	DRAWING II
1105	AT2266	SOCIOLOGY OF SOCIAL STRATIFICATION IN INDIA
1105	CM2203	PRINCIPLES OF MARKETING
1105	AT2248	ANCIENT AND MODERN WESTERN PHILOSOPHY
1105	AT3157	INDIAN GOVERNMENT AND POLITICS
1105	AT3191	HOLISTIC FITNESS
1105	AT3196	INTERNSHIP
1105	AT3148	ANCIENT AND MODERN WESTERN PHILOSOPHY
1105	AT1191	FUNDAMENTALS OF HINDUSTANI CLASSICAL MUSIC (VOCAL) – 1
1105	AT3158	POLITICAL THOUGHT
1105	AT3249	CRITICAL THINKING
1105	AT3230	YOGA, FITNESS AND NATUROPATHY
1105	AT3268	CINEMA AND SOCIETY IN INDIA
501	AR1101	ARCHITECTURAL DESIGN I
501	AR1102	BUILDING CONST. & MAT. I
501	AR1104	HISTORY OF ARCHITECTURE I
501	AR1105	STRUCTURES I
501	AR1106	VISUAL ARTS & WORKSHOP I
501	AR1107	ENVIRONMENTAL STUDIES
501	AR1103	ARCHITECTURAL REPRESENTATION I
501	LN1109	COMMUNICATION SKILLS

501	AR1201	ARCHITECTURAL DESIGN II
501	AR1202	BUILDING CONST. & MAT. II
501	AR1203	ARCHITECTURAL REPRESENTATION II
501	AR1204	HISTORY OF ARCHITECTURE II
501	AR1205	STRUCTURES II
501	AR1206	VISUAL ARTS & WORKSHOP II
501	AR1207	CLIMATE RESPONSIVE ARCH.
501	AR1208	SURVEYING AND LEVELLING
501	AR2101	ARCHITECTURAL DESIGN III
501	AR2102	BUILDING CONST. & MAT. III
501	AR2103	COMPUTER APP. IN ARCH. I
501	AR2104	HISTORY OF ARCHITECTURE III
501	AR2105	STRUCTURES III
501	AR2106	BUILDING SERVICES I
501	AR2107	SPEC. ESTIMATION & COSTING
501	AR2108	LANDSCAPE ARCHITECTURE
501	AR2201	ARCHITECTURAL DESIGN IV
501	AR2202	BUILDING CONST. & MAT. IV
501	AR2203	COMPUTER APP. IN ARCH. II
501	AR2204	HISTORY OF ARCHITECTURE IV
501	AR2205	STRUCTURES IV
501	AR2206	BUILDING SERVICES II
501	AR2207	BUILDING CODES & BYELAWS
501	AR1901	DESIGN DISSERTATION I
501	AR1902	WORKING DRAWING II
501	AR1903	HOUSING
501	AR1904	CONSTRUCTION & PROJECT MANAGEMENT
501	AR1905	ENERGY CONSCIOUS DESIGN
501	AR3101	ARCHITECTURAL DESIGN V
501	AR3102	BUILDING CONST. & MAT. V
501	AR3103	WORKING DRAWING I
501	AR3104	HISTORY OF ARCHITECTURE V
501	AR3105	STRUCTURES V
501	AR3106	BUILDING SERVICES III
501	AR3201	ARCHITECTURAL DESIGN VI
501	AR3202	BUILDING CONST. & MAT. VI
501	AR3203	WORKING DRAWING II
501	AR3204	THEORY OF URBAN DESIGN
501	AR3205	HUMAN SETTLEMENT PLANNING
501	AR3206	SUSTAINABLE BUILDINGS
501	AR4101	ARCHITECTURAL DESIGN VII
501	AR4102	PROFESSIONAL PRACTICE
501	AR4103	INTERIOR DESIGN & DETAILING
501	AR4104	CONSTRUCTION & PROJECT MGT.
501	AR4105	RESEARCH METHODOLOGY
501	AR4141	DIGITAL ARCHITECTURE
501	AR4201	PROFESSIONAL TRAINING
501	AR4202	PROFESSIONAL REPORT
501	AR11001	DESIGN DISSERTATION II

501	AR11002	PROFESSIONAL PRACTICE
501	AR11003	ELECTIVE II
501	LN5101	FOREIGN LANGUAGE
608	AA6101	ADVERTISING IDEAS AND BUSINESS ORGANIZATION-I
608	AA6102	DESIGN PROJECT - I (ILLUSTRATION/TYPOGRAPHY/PHOTOGRAPHY/VISUALIZATION)
608	AA6103	AESTHETIC & ART APPRECIATION -I
608	AA6104	EXPERIENCE DESIGN -I
608	AA6201	ADVERTISING IDEAS AND BUSINESS ORGANIZATION-II
608	AA6203	EXPERIENCE DESIGN - II
608	AA6204	DESIGN PORTFOLIO
608	AA6202	DESIGN PROJECT - II (PHOTOGRAPHY)
608	AA7101	INDUSTRY INTERNSHIP
608	AA7102	DESIGN PROJECT-III- ILLUSTRATIONS
608	AA7201	DISSERTATION
608	AA7202	DESIGN PROJECT - IV (ILLUSTRATIONS)

Program/Courses offered in

Sr. No.	Name of Course	Course Code
1	SOLID AND HAZARDOUS WASTE MANAGEMENT	CV6203
2	WASTEWATER TREATMENT SYSTEMS	CV6202
3	ENVIRONMENTAL ECOLOGY	CV6140
4	SANITATION BEHAVIOUR AND ADVOCACY	CV6206
5	EMERGENCY SANITATION	CV6204
6	WATER TREATMENT AND SAFE STORAGE	CY1491
7	GREEN CHEMISTRY	CY1515
8	WATER TECHNOLOGY AND SAFE STORAGE AND APPLICATIONS	CY2281
9	FOOD & BEVERAGE – I	HA1551
10	FOOD & BEVERAGE MANAGEMENT	HA1601
11	ENVIRONMENTAL EDUCATION & MANAGEMENT	HA1802
12	SUPPLY CHAIN MANAGEMENT	MB7553
13	QUALITY MANAGEMENT	MC1591
14	PRODUCTION TECHNOLOGY	MC1656
15	PRODUCTION AND OPERATION MANAGEMENT	MC1761
16	PRINCIPLES OF INDUSTRIAL ENGINEERING	ME1792
17	PRODUCTION PLANNING AND CONTROL	ME1794
18	PRODUCTION AUTOMATION	ME6205
19	ENVIRONMENTAL PSYCHOLOGY	PS1507
20	DEVELOPMENTAL PSYCHOLOGY	PS1508
21	ESTIMATION COSTING & VALUATION	CV1701
22	ETHICS, GOVERNANCE, CSR	HA1502
23	FOOD PRODUCTION FOUNDATION - I	HA1101
24	FOOD & BEVERAGE SERVICE FOUNDATION - I	HA1102
25	FOOD PRODUCTION LAB - I	HA1131
26	FOOD & BEVERAGE SERVICE LAB - I	HA1132
27	HOSPITALITY ORGANIZATIONAL BEHAVIOR	HA1604

Program/Courses offered in

Program code	Course code	Course name
601	FD1103	FUNDAMENTALS OF DESIGN – I
601	FD1105	MATERIAL EXPLORATION WITH 3D DESIGN – I
601	FD1107	DESIGN THINKING
1004	CY1133	CHEMISTRY LAB-1
1004	BT1150	CYTOLOGY
1004	BT1136	CYTOLOGY LABORATORY
1004	CY1204	MAIN GROUP ELEMENTS-I AND IONIC STRUCTURES
1004	CY1205	STEREOCHEMISTRY AND REACTION MECHANISMS
1004	CY1206	THERMODYNAMICS AND EQUILIBRIUM
1004	CY1233	CHEMISTRY LAB-2
1004	BT1251	MICROBIOLOGY
1004	BT1237	MICROBIOLOGY LABORATORY
1004	BT1252	ENVIRONMENTAL POLLUTION AND HUMAN HEALTH
1004	BT1238	EVIRONMENTAL POLLUTION AND HUMAN HEALTH LABORATORY
1004	CY2104	MAIN GROUP ELEMENTS-II AND INTRODUCTION TO GROUP THEORY
1004	CY2105	HYDROCARBONS AND HALOGEN DERIVATIVES
1004	CY2106	SURFACE, SOLUTIONS, AND MIXTURES
1004	CY2133	CHEMISTRY LAB-3
1004	PY2160	ELECTRONICS
1004	CY2152	FUEL CHEMISTRY
1004	CY2154	POLYMER CHEMISTRY
1004	CY2204	CHEMISTRY OF TRANSITION AND INNER-TRANSITION METALS
1004	CY2205	OXYGEN CONTAINING DERIVATIVES
1004	CY2206	KINETICS AND ELECTROCHEMISTRY
1004	CY2207	NUCLEAR AND ANALYTICAL CHEMISTRY
1004	CY2233	CHEMISTRY LAB-4
1004	CY2243	ENVIRONMENTAL CHEMISTRY
1004	CY2237	ENVIRONMENTAL CHEMISTRY LABORATORY
1004	CY3105	ADVANCED STEREO CHEMISTRY AND HETEROCYCLIC COMPOUNDS
1004	CY3133	CHEMISTRY LAB-5
1004	CY3170	PROJECT
1004	CY3140	BIOINORGANIC CHEMISTRY
1004	CY3107	ORGANOMETALLIC CHEMISTRY
1004	CY3147	CHEMISTRY OF BIOMOLECULES
1004	CY3205	ORGANIC SPECTROSCOPY
1004	CY3206	QUANTUM CHEMISTRY AND ITS APPLICATIONS
1004	CY3233	CHEMISTRY LAB-6
1004	CY3243	INDUSTRIAL CHEMICALS AND ENVIRONMENT
1004	PY3260	MODERN PHYSICS
1004	BT3250	PHYSIOLOGY OF PLANTS
1004	BT3236	PLANT PHYSIOLOGY LABORATORY
1004	CY3244	MATHEMATICS FOR CHEMISTS
9102	CV2101	FLUID MECHANICS
9102	CV2102	BUILDING MATERIALS & CONSTRUCTION TECHNOLOGY
9102	CV2103	SURVEYING
9102	CV2104	STRUCTURAL ANALYSIS

9102	CV2130	MATERIAL TESTING LAB
9102	CV2131	SURVEYING PRACTICE
9102	CV2201	ENGINEERING GEOLOGY
9102	CV2202	WATER SUPPLY ENGINEERING
9102	CV2203	ANALYSIS OF INDETERMINATE STRUCTURES
9102	CV2230	GEOLOGY LAB
9102	CV2231	FLUID MECHANICS LAB
9102	CV2232	BUILDING DRAWING AND DESIGN
9102	CV3101	GEOTECHNICAL ENGINEERING
9102	CV3102	HIGHWAY ENGINEERING
9102	CV3103	DESIGN OF REINFORCED CONCRETE STRUCTURES
9102	CV3104	WASTE WATER MANAGEMENT
9102	CV3130	GEOTECHNICAL ENGINEERING LAB
9102	CV3131	ENVIRONMENTAL ENGINEERING LAB
9102	CV3201	APPLIED GEOTECHNICAL ENGINEERING
9102	CV3202	DESIGN OF STEEL STRUCTURES
9102	CV3204	WATER RESOURCES ENGINEERING
9102	CV3230	COMPUTER AIDED DESIGN LAB
9102	CV3231	HIGHWAY ENGINEERING LAB
9102	CV3233	ESTIMATION AND COSTING PRACTICE
9102	CV3270	PROJECT BASED LEARNING
9102	CV3241	ADVANCED DESIGN OF REINFORCED CONCRETE STRUCTURES
9102	CV3249	CONCRETE TECHNOLOGY
9102	CV3248	RAILWAYS AND AIRPORT ENGINEERING
9102	CV4170	MINOR PROJECT
9102	CV4171	INDUSTRIAL TRAINING
9102	CV4172	SURVEY CAMP
9102	CV4140	EARTHQUAKE RESISTANT DESIGN OF STRUCTURES
9102	CV4141	DESIGN OF PRE-STRESSED CONCRETE STRUCTURES
9102	CV4144	REPAIR AND REHABILITATION OF STRUCTURES
9102	CV4145	ADVANCED CONCRETE TECHNOLOGY
9102	CV4148	CONSTRUCTION PROJECT MANAGEMENT
9102	CV4149	GROUND IMPROVEMENT TECHNIQUES
9102	CV4150	ROCK MECHANICS AND UNDERGROUND EXCAVATION
9102	CV4152	TRAFFIC SYSTEMS AND ENGINEERING
9102	CV4270	MAJOR PROJECT
1014	BT6101	CELL & MOLECULAR BIOLOGY
1014	BT6102	FUNDAMENTAL & APPLIED MICROBIOLOGY
1014	BT6103	BIO-ANALYTICAL TECHNIQUES
1014	BT6130	BIOTECHNOLOGY LAB. I
1014	BT6131	BIOTECHNOLOGY LAB. II
1014	BT6170	SEMINAR
1014	BT6202	PLANT BIOTECHNOLOGY
1014	BT6203	GENETIC ENGINEERING
1014	BT6230	BIOTECHNOLOGY LAB. III
1014	BT6231	BIOTECHNOLOGY LAB. IV
1014	BT7101	ADVANCED GENETICS
1014	BT7102	BIOPROCESS ENGINEERING
1014	MA7117	STATISTICS FOR BIOLOGISTS

1014	BT7130	BIOTECHNOLOGY LAB. V
1014	BT7131	BIOTECHNOLOGY LAB. VI
1014	BT7140	ANIMAL BIOTECHNOLOGY
1014	BT7145	ENVIRONMENTAL BIOTECHNOLOGY AND APPLICATIONS
1014	BT7270	PROJECT DISSERTATION
1019	PY6101	ATOMIC, MOLECULAR & LASER PHYSICS
1019	PY6102	MATHEMATICAL PHYSICS
1019	PY6103	QUANTUM MECHANICS
1019	PY6104	ELECTRONICS
1019	PY6105	CLASSICAL MECHANICS
1019	PY6130	ELECTRONICS LAB
1019	PY6201	SOLID STATE PHYSICS
1019	PY6202	NUCLEAR AND PARTICLE PHYSICS
1019	PY6203	ELECTRODYNAMICS
1019	PY6230	SOLID STATE PHYSICS LAB
1019	PY6231	NUCLEAR PHYSICS LAB
1019	PY6232	SPECTROSCOPY LAB
1019	PY7101	STATISTICAL MECHANICS
1019	PY7102	ADVANCED QUANTUM MECHANICS
1019	PY7103	NUMERICAL METHODS AND PROGRAMMING
1019	PY7170	SEMINAR
1019	PY7130	COMPUTER LAB
1019	PY7270	MAJOR PROJECT

Program/Courses offered in

Sr. No.	Course code	Name of course	Web link of Scheme
1	HA1131	Food Production Lab -I	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
2	HA1201	Food Production Foundation -II	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
3	HA1231	Food Production Lab -II 0	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
4	HA2103	Accommodation Management -I	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
5	HA2202	Food &. Beverage Management	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
6	HA2133	Accommodation Management Lab 0	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
7	HA1203	Travel Agency & Tour Operations	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
8	HA4101	Safety, Security and Travel Documentation	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf
9	HA4102	Hospitality Organizational Behavior	https://jaipur.manipal.edu/content/dam/manipal/muj/fom/documents/hotelmanagement-eventlist/BHM%20Course%20Structure_2023-27.pdf

Program/Courses offered in

Sr. No.	Name of Course	Course Code
1	CORPORATE LAWS (F 4)	BH2104
2	PUBLIC ECONOMICS	EO1322
3	RURAL ECONOMICS	EO1554
4	COMMUNITY BASED PARTICIPATORY RESEARCH	EO3280
5	PUBLIC RELATIONS AND CORPORATE COMMUNICATION	JC1515
6	MEDIA LAWS AND ETHICS	JC1411
7	INDIAN CONSTITUTION, MEDIA LAWS AND ETHICS	JC6202
8	ADVERTISING AND PUBLIC RELATIONS	JC6203
9	HOT TOPICS IN CRIMINAL JUSTICE	LA0053
10	SPORTS POLICY AND RULES	LA1101
11	LAW OF TORT	LA1102
12	LAW OF GENERAL CONTRACTS	LA1103
13	INTERNATIONAL TRADE AND ECONOMICS	LA1201
14	CRIMINAL PSYCHOLOGY	LA1202
15	LEGAL ENGLISH AND BUSINESS COMMUNICATION	LA1203
16	LEGAL RESEARCH METHODOLOGY	LA1204
17	LAW OF CONSUMER PROTECTION AND MOTOR VEHICLES	LA1205
18	SPECIAL CONTRACTS	LA1206
19	FAMILY LAW-I	LA1501
20	LABOUR LAW-I	LA1502
21	COMPANY LAW-I	LA1503
22	CODE OF CRIMINAL PROCEDURE-I (CRPC-I)	LA1504
23	INTERPRETATION OF STATUTES	LA1505
24	LEGAL THEORY & JURISPRUDENCE	LA1506
25	FAMILY LAW II	LA1601
26	LABOUR LAW II	LA1602
27	COMPANY LAW II	LA1603
28	LAW OF EVIDENCE	LA1604
29	CODE OF CRIMINAL PROCEDURE II	LA1605
30	CHILD AND LAW	LA1606
31	LAW OF PROPERTY & EASEMENT	LA1701
32	PUBLIC INTERNATIONAL LAW-I	LA1702
33	ADMINISTRATIVE LAW	LA1703
34	CODE OF CIVIL PROCEDURE-I (CPC-I)	LA1704
35	FORENSIC SCIENCE & CRIMINAL INVESTIGATION	LA1705
36	ALTERNATIVE DISPUTE RESOLUTION (ADR) (CLINICAL I)	LA1706
37	INTERNATIONAL LAW	LA1707
38	LAND LAWS	LA1801
39	LAND LAWS	LA1801
40	PUBLIC INTERNATIONAL LAW II	LA1802
41	COMPETITION MERGER & ACQUISITION	LA1803

42	CODE OF CIVIL PROCEDURE II	LA1804
43	MEDICAL JURISPRUDENCE	LA1805
44	PRINCIPLES OF DRAFTING AND CONVEYANCING (CLINICAL	LA1806
45	DRAFTING, PLEADING AND CONVEYANCING	LA1807
46	INSURANCE LAW	LA1901
47	INTELLECTUAL PROPERTY RIGHT	LA1902
48	LAW OF TAXATION	LA1903
49	LAW OF TAXATION	LA1903
50	CRIMINOLOGY & PENOLOGY	LA1904
51	RIGHT TO INFORMATION	LA1905
52	PROFESSIONAL ETHICS & BAR-BENCH RELATIONS (CLINICAL III)	LA1906
53	WOMEN AND THE LAW	LA1952
54	HUMAN RIGHTS	LA1X01
55	HUMAN RIGHTS	LA1X01
56	CYBER LAW	LA1X02
57	CYBER LAW	LA1X02
58	ENVIRONMENTAL STUDIES AND LAW	LA1X03
59	ENVIRONMENTAL STUDIES AND LAW	LA1X03
60	BANKING LAW & NEGOTIABLE INSTRUMENT ACT	LA1X04
61	MEDIA & LAW	LA1X05
62	MOOT COURT EXERCISE & INTERNSHIPS	LA1X06
63	CONSUMER AFFAIRS	LA2080
64	ENVIRONMENTAL STUDIES AND LAW	LA2101
65	MEDIA AND LAW	LA2102
66	LABOUR LAW I	LA2103
67	CONSTITUTIONAL LAW I	LA2104
68	LEGAL PHILOSOPHY	LA2201
69	INTERPRETATION OF STATUTES	LA2202
70	LABOUR LAW II	LA2203
71	CONSTITUTIONAL LAW-II	LA2204
72	FAMILY LAW I	LA3101
73	LAW OF CRIMES I	LA3102
74	COMPANY LAW I	LA3103
75	CODE OF CRIMINAL PROCEDURE I	LA3104
76	INTERNATIONAL LAW	LA3105
77	JURISPRUDENCE	LA3106
78	FAMILY LAW II	LA3201
79	LAW OF CRIMES II	LA3202
80	COMPANY LAW II	LA3203
81	CODE OF CRIMINAL PROCEDURE II	LA3204
82	LAW OF EVIDENCE	LA3205
83	RESEARCH METHODS AND LEGAL WRITING	LA6101
84	COMPARATIVE PUBLIC LAW	LA6102

85	COMPETITION LAW	LA6103
86	PRINCIPLES OF CORPORATE LAW	LA6104
87	LAW OF CONTRACT	LA6105
88	CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION	LA6106
89	VICTIMOLOGY	LA6107
90	CRIMINAL JUSTICE AND HUMAN RIGHTS	LA6108
91	LAW AND JUSTICE IN A GLOBALIZED WORLD	LA6201
92	CYBER LAW	LA6202
93	INTELLECTUAL PROPERTY LAW	LA6203
94	BANKRUPTCY LAW	LA6204
95	DISSERTATION	LA6205
96	INTERNATIONAL CRIMINAL LAW	LA6206
97	CORPORATE CRIMES/WHITE COLLAR CRIMES	LA6207
98	POLICE AND ADMINISTRATIVE LAWS	LA6208
99	JUDICIAL PROCESS	LA8001
100	SOCIAL AND POLITICAL THOUGHT	PH1609
101	INTERCULTURAL PHILOSOPHY	PH1610
102	POLITICAL SCIENCE	PO1301
103	COMPARATIVE GOVERNMENT AND POLITICS	PO1304
104	POLITICAL THEORY	PO1507
105	PUBLIC ADMINISTRATION: THEORY AND PRACTICE	PO1508
106	SOCIAL CHANGE AND DEVELOPMENT	SO1304
107	UNDERSTANDING RURAL SOCIETY: CONTINUITY AND CHANGE	SO1507
108	SOCIOLOGY OF SOCIAL STRATIFICATION IN INDIA	SO1508

9403	MC3130	MICROCONTROLLER LAB
9403	MC3131	CAD AND KINEMATICS LAB
9403	MC3132	PNEUMATICS AND HYDRAULICS LAB
9403	MC3170	PROJECT BASED LEARNING-II
9403	MC1605	PNEUMATICS AND HYDRAULICS SYSTEMS
9403	MC1606	PROGRAMMABLE LOGIC CONTROLLER
9403	MC1607	INDUSTRIAL ROBOTICS
9403	MC1608	ELECTRICAL DRIVES AND MACHINES
9403	MC1631	ELECTRICAL DRIVES AND MACHINES LAB
9403	MC1632	PROGRAMMABLE LOGIC CONTROL LAB
9403	MC1633	PNEUMATICS AND HYDRAULICS LAB
9403	MC3201	ROBOTICS
9403	MC3202	COMPUTER INTEGRATED MANUFACTURING
9403	MC3203	POWER ELECTRONICS AND ELECTRICAL DRIVES
9403	MC3230	INDUSTRIAL AUTOMATION LAB
9403	MC3231	ROBOTICS LAB
9403	MC3232	DRIVES, CONTROL AND SIMULATION LAB
9403	MC3270	PROJECT BASED LEARNING-III
9403	MC3250	AUTONOMOUS ROBOTS
9403	MC3251	ROBOT PATH PLANNING AND MOBILE ROBOTS
9403	MC3252	WIRELESS SENSOR NETWORK
9403	MC3253	IOT SYSTEM
9403	MC3247	HYBRID VEHICLE TECHNOLOGY
9403	MC1660	INDUSTRIAL AUTOMATION AND CONTROL
9403	MC4170	MINOR PROJECT
9403	MC4171	INDUSTRIAL TRAINING
9403	MC4161	COMPUTER NETWORKS AND COMMUNICATION PROTOCOLS
9403	MC4162	MACHINE LEARNING
9403	MC4164	AUTOMATED MANUFACTURING SYSTEM
9403	MC4141	MICRO ELECTRONICS AND MACHINING SYSTEMS
9403	MC4157	MACHINE TOOLS TECHNOLOGY
9403	MC4163	INDUSTRIAL AUTOMATION
9403	MC4143	NANOTECHNOLOGY
9403	MC4159	DYNAMICS AND CONTROLS OF MECHATRONICS SYSTEMS
9403	MC4158	MACHINE VISION AND IMAGE PROCESSING
9403	MC4154	ARTIFICIAL INTELLIGENCE
9403	MC4270	MAJOR PROJECT
9402	ME2101	MATERIALS SCIENCE AND ENGINEERING
9402	ME2102	KINEMATICS OF MACHINES
9402	ME2103	THERMODYNAMICS
9402	ME2104	STRENGTH OF MATERIALS
9402	ME2130	COMPUTER AIDED DRAFTING AND DESIGN LAB
9402	ME2131	STRENGTH OF MATERIALS LAB
9402	ME2170	SEMINAR
9402	ME2201	METROLOGY
9402	ME2202	FLUID MECHANICS
9402	ME2203	DYNAMICS OF MACHINES
9402	ME2230	METROLOGY LAB
9402	ME2231	FLUID MECHANICS LAB
9402	ME2232	COMPUTER AIDED NUMERICAL METHODS
9402	ME2270	PROJECT BASED LEARNING- I
9402	ME4147	NONCONVENTIONAL MANUFACTURING PROCESS
9402	ME3101	PRODUCTION TECHNOLOGY- I

9402	ME3102	DESIGN OF MACHINE ELEMENTS
9402	ME3103	HEAT & MASS TRANSFER
9402	ME3104	INTERNAL COMBUSTION ENGINE
9402	ME3130	PRODUCTION TECHNOLOGY - I LAB
9402	ME3131	HEAT & MASS TRANSFER LAB
9402	ME3132	INTERNAL COMBUSTION ENGINE LAB
9402	ME3170	PROJECT BASED LEARNING- II
9402	ME3201	PRODUCTION TECHNOLOGY- II
9402	ME3202	INTRODUCTION TO FINITE ELEMENT METHODS
9402	ME3203	REFRIGERATION AND AIR CONDITIONING
9402	ME3204	COMPUTER INTEGRATED MANUFACTURING
9402	ME3230	PRODUCTION TECHNOLOGY- II LAB
9402	ME3231	REFRIGERATION AND AIR CONDITIONING LAB
9402	ME3232	COMPUTER AIDED ENGINEERING LAB
9402	ME3270	PROJECT BASED LEARNING- III
9402	ME3243	MICROMACHINING
9402	ME3244	SOLAR ENERGY
9402	ME3245	ADVANCED DESIGN OF MACHINE ELEMENTS
9402	ME4170	MINOR PROJECT
9402	ME4171	INDUSTRIAL TRAINING
9402	ME4161	PLANT LAYOUT AND MATERIAL HANDLING
9402	ME4162	LEAN MANUFACTURING
9402	ME4163	PRODUCTION PLANNING AND CONTROL
9402	ME4164	THERMAL STORAGE SYSTEMS AND ITS APPLICATIONS
9402	ME4165	ALTERNATIVE FUELS IN I.C. ENGINES
9402	ME4166	TURBOMACHINERY
9402	ME4167	INTRODUCTION TO THEORY OF ELASTICITY
9402	ME4169	MECHANICAL VIBRATION
9402	ME4160	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
9402	ME4152	ELECTRIC VEHICLE TECHNOLOGY