

COURSE REPOSITORY

Programme	Stream/Branch	Basket	Course type (Foundation/Basic/ Core/Smart/Special isation/Domain/Ski ll/Electives)	Course Code	Course Title	Credit	Type (T+P+Pj)
BTech	All	Basket I	Foundation	CUTM1001	Differential Equations and Linear Algebra	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1002	Laplace & Fourier Transforms	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1003	Complex Analysis & Numerical Methods	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1004	Discrete Mathematics	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1005	Probability & Statistics	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1925	Calculus	3	2+0+1
BTech	All	Basket I	Foundation	CUTM1006	Mechanics for Engineers	3	2+1+0
BTech	All	Basket I	Foundation	CUTM1007	Optics and Optical Fibres	3	2+1+0
BTech	All	Basket I	Foundation	CUTM1008	Applied Analytical Chemistry	3	2+1+0
BTech	All	Basket I	Foundation	CUTM1009	Applied Engineering Materials	3	2+0+1
BTech, BSc (Basket II)	All	Basket I	Foundation/ AECC	CUTM1010	Environmental Studies	2	0+0+2
HUMANITIES & MGMT							
BTech	All	Basket II	Humanities and Management(A)	CUTM1011	Optimisation Techniques	2	0+2+0
BTech	All	Basket II	Humanities and Management(A)	CUTM1012	Engineering Economics and Costing	3	2+0+1
BTech	All	Basket II	Humanities and Management(A)	CUTM1013	Project Management	3	2+0+1
BTech/ MBA (IV)/MDM/ABM (IV)	All	Basket II	Humanities and Management(A)	CUTM1014	Gender, Human Rights and Ethics	3	1.5+0+1.5
BTech/ MBA (IV)/MDM/ABM (IV)	All	Basket II	Humanities and Management(A)	CUTM1015	Climate Change, Sustainability and Organisation	3	1.5+0+1.5
BTech/ BBA (V)/ BMMMC (V)	All	Basket II	Humanities and Management (B)	CUTM1016	Job Readiness	6	0+6+0

SMART BASKET							
BTech	All	Basket III	Smart	CUTM1017	Industrial IOT and Automation	6	3+2+1
BTech	All, MSc Maths (Basket I)	Basket III	Smart	CUTM1018	Data Analysis and Visualisation using Python	4	0+1+3
BTech	All, MSc Maths (Basket I)	Basket III	Smart	CUTM1019	Machine Learning using Python	4	1+2+1
BTech	All	Basket III	Smart	CUTM1020	Robotic automation with ROS and C++	4	1+2+1
BTech	All	Basket III	Smart	CUTM1021	Design Thinking	2	0+0+2
BTech	All	Basket III	Smart	CUTM1022	System Integration with DYMOLA	2	0+0+2
BTech	All	Basket III	Smart	CUTM1023	Smart Engineering Project (G2M)	3	0+0+3
ENGINEERING							
BTech	CSE	Basket IV	Core	CUTM1024	IT Infrastructure Management	6	2--2--2
BTech	CSE	Basket IV	Core	CUTM1025	Cloud Practitioners	2	0--2--0
BTech	CSE	Basket IV	Core	CUTM1026	Wireless Networks	3	2--1--0
BTech	CSE	Basket IV	Core	CUTM1027	Information Security	3	2--2--0
BTech	CSE/ECE/EEE	Basket IV	Core	CUTM1028	OOPs with C ++ Programming	4	1--2--1
BTech	CSE/ECE/EEE	Basket IV	Core	CUTM1029	Data Structures using C++	4	1--2--1
BTech	CSE/ECE/EEE	Basket IV	Core	CUTM1030	Advanced Web Programming	4	1--2--1
BTech	CSE/ECE/EEE	Basket IV	Core	CUTM1031	Java Technologies	4	2--1--1
BTech	CSE	Basket IV	Core	CUTM1032	Operating System Concepts	3	1--1--1
BTech	CSE	Basket IV	Core	CUTM1033	Database Creation and Maintenance	4	2--1--1
BTech	CSE	Basket IV	Core	CUTM1034	Database Cluster Administration and Security	4	2--1--1
BTech	CSE	Basket IV	Core	CUTM1035	Data Warehousing and Data Mining	4	2--2--0
BTech	CSE	Basket IV	Core	CUTM1036	Android App Development	6	2--2--2
BTech	CSE	Basket IV	Core	CUTM1037	Mathematical Problem Solving	4	2--2--0
BTech	CSE	Basket IV	Core	CUTM1038	Formal Language and Automata Theory	3	2--1--0
BTech	ECE/EEE	Basket IV	Core	CUTM1039	Embedded System Design Using ARM Cortex	6	3+2+1
BTech	ECE/EEE	Basket IV	Core	CUTM1040	VLSI Design	6	3+2+1
BTech	ECE	Basket IV	Core	CUTM1041	Electromagnetic Interference and Compatibility	3	2+0+1
BTech	ECE/EEE	Basket IV	Core	CUTM1042	Electromagnetic Field Theory and Transmission Line	3	2+1+0
BTech	ECE/EEE	Basket IV	Core	CUTM1043	Network Analysis	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1044	Digital Communication Systems	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1045	Analog Communication Systems	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1046	Electronic Devices and Systems	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1047	Principles of Wireless Communications	3	2+1+0
BTech	ECE/Ag. Engg	Basket IV	Core	CUTM1048	Digital Signal & Image Processing	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1049	Antenna Design and Analysis	3	2+1+0
BTech	ECE	Basket IV	Core	CUTM1050	Wireless Communication for IIOT	3	2+1+0

BTech	EEE	Basket IV	Core	CUTM1051	Energy Production & Transmission	3	2+1+0
BTech	EEE	Basket IV	Core	CUTM1052	Substation Switch gear & Protection	4	2+1+1
BTech	EEE	Basket IV	Core	CUTM1053	System Modeling and Control	4	3+1+0
BTech	EEE/Ag. Engg	Basket IV	Core	CUTM1054	Electrical Machines Operation and Control	4	3+1+0
BTech	EEE	Basket IV	Core	CUTM1055	Industrial Power Electronics	4	2+1+1
BTech	EEE/Ag. Engg	Basket IV	Core	CUTM1056	Digital Measurement and Instrumentation	3	2+1+0
BTech	EEE	Basket IV	Core	CUTM1057	Basic Electrical Engineering	2	1+1+0
BTech	CIVIL/MECHANICAL/ AEROSPACE/BIOTEC H/MINING	Basket IV	Core	CUTM1058	Programming in Java	3	2+1+0
BTech	CIVIL/MECHANICAL/ AEROSPACE/BIOTEC H/MINING	Basket IV	Core	CUTM1059	Database Management Systems	3	2+1+0
BTech	CIVIL	Basket IV	Core	CUTM1060	Geometric Modelling	3	0+3+0
BTech	CIVIL	Basket IV	Core	CUTM1061	Structural Detailing and Drawing	2	0+2+0
BTech	CIVIL/MECHANICAL/ AEROSPACE/MINING /Ag. Engg	Basket IV	Core	CUTM1062	Theories of Failure Analysis using FEA	4	2+2+0
BTech	CIVIL/Ag. Engg	Basket IV	Core	CUTM1063	Quantity Estimation and Costing	3	2+1+0
BTech	CIVIL	Basket IV	Core	CUTM1064	Construction Materials	2	0+0+2
BTech	CIVIL	Basket IV	Core	CUTM1065	Electrical, Plumbing and Wood Works	3	1+2+0
BTech	CIVIL	Basket IV	Core	CUTM1066	Concrete Technology	3	1+2+0
BTech	CIVIL	Basket IV	Core	CUTM1067	Surveying Technique	3	1+2+0
BTech	CIVIL	Basket IV	Core	CUTM1068	Geospatial Survey	3	1+2+0
BTech	CIVIL	Basket IV	Core	CUTM1069	Construction Material Testing	2	0+2+0
BTech	CIVIL	Basket IV	Core	CUTM1070	Road Engineering	2	1+1+0
BTech	CIVIL	Basket IV	Core	CUTM1071	Hydrology & Irrigation	3	1+1+1
BTech	CIVIL	Basket IV	Core	CUTM1072	Water Supply and Sanitary Engineering	2	1+1+0
BTech	CIVIL	Basket IV	Core	CUTM1073	Geotechnical Engineering	3	1+1+1
BTech	CIVIL	Basket IV	Core	CUTM1074	Design of Structures	4	1+3+0
BTech	CIVIL	Basket IV	Core	CUTM1907	Disaster Preparedness & Planning Management	2	2+0+0
BTech	MECHANICAL	Basket IV	Core	CUTM1075	Computer Aided Drafting	3	0+2+1
BTech	MECHANICAL	Basket IV	Core	CUTM1076	Product Design and Development	2	1+1+0
BTech	MECHANICAL	Basket IV	Core	CUTM1077	Reverse Engineering and Rapid Prototype	4	1+2+1
BTech	MECHANICAL	Basket IV	Core	CUTM1078	Product Life Cycle Management	2	0+1+1
BTech	MECHANICAL	Basket IV	Core	CUTM1079	Manufacturing Process-process planning and Heat Treatment	3	2+1+0
BTech	MECHANICAL	Basket IV	Core	CUTM1080	Material in product design and development	2	1+1+0

BTech	MECHANICAL/CIVIL	Basket IV	Core	CUTM1081	Computer Aided Engineering	3	0+2+1
BTech	MECHANICAL	Basket IV	Core	CUTM1082	Quality Assurance	2	1+1+0
BTech	MECHANICAL	Basket IV	Core	CUTM1083	Applied Ergonomics	2	0+1+1
BTech	MECHANICAL	Basket IV	Core	CUTM1084	Computer Aided Manufacturing	2	0+2+0
BTech	MECHANICAL	Basket IV	Core	CUTM1085	CNC Programming & CNC Machining	2	0+2+0
BTech	MECHANICAL	Basket IV	Core	CUTM1086	Design of Tools, Jigs and Fixtures	3	2+1+0
BTech	MECHANICAL	Basket IV	Core	CUTM1087	Advance Metrology	2	1+1+0
BTech	MECHANICAL/AERO SPACE/Ag. Engg	Basket IV	Core	CUTM1088	Thermodynamics	3	2+1+0
BTech	MECHANICAL/CIVIL/ AEROSPACE/Ag. Engg	Basket IV	Core	CUTM1089	Fluid Mechanics with FVM	3	2+1+0
BTech	MECHANICAL/CIVIL/ Ag. Engg	Basket IV	Core	CUTM1090	Hydraulic Machinery	2	1+1+0
BTech	MECHANICAL/Ag. Engg	Basket IV	Core	CUTM1091	Theory of Machines	3	2+1+0
BTech	MECHANICAL/Ag. Engg	Basket IV	Core	CUTM1092	Heat Transfer with FDM/FVM	3	2+1+0
BTech	MECHANICAL/MBA/ Ag. Engg	Basket IV	Core	CUTM1093	Optimisation Techniques	2	0+2+0
BTech	AEROSPACE	Basket IV	Core	CUTM1094	Introduction to Aerospace Engineering	3	2+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1095	Rotary-wing Flight Dynamics	3	2+0+1
BTech	AEROSPACE	Basket IV	Core	CUTM1096	Aerodynamic	4	3+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1097	Flight Mechanics	6	4+0+2
BTech	AEROSPACE	Basket IV	Core	CUTM1098	Aircraft Structure	4	3+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1099	Aerospace structural Analysis	6	3+0+3
BTech	AEROSPACE	Basket IV	Core	CUTM1100	Jet Propulsion	4	3+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1101	Advanced Propulsion	3	2+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1102	Experimental Aerodynamics	3	2+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1103	Space Dynamics	3	2+1+0
BTech	AEROSPACE	Basket IV	Core	CUTM1104	Introduction to Avionics	3	2+1+0
BTech	MINING	Basket IV	Core	CUTM1105	Geology for Mining Engineer	4	2+2+0
BTech	MINING	Basket IV	Core	CUTM1106	Rock Mechanics	3	2+1+0
BTech	MINING	Basket IV	Core	CUTM1107	Mine Environmental and Hazards	3	2+1+0
BTech	MINING	Basket IV	Core	CUTM1108	Underground Coal Mining	3	2+0+1
BTech	MINING	Basket IV	Core	CUTM1109	Surface Mining	3	2+0+1
BTech	MINING	Basket IV	Core	CUTM1110	Underground Metal Mining	3	2+0+1
BTech	MINING	Basket IV	Core	CUTM1111	Drilling and Blasting	3	2+0+1

BTech	MINING	Basket IV	Core	CUTM1112	Electronics Devices and System	3	2+0+1
BTech	MINING	Basket IV	Core	CUTM1113	Mine Economics	2	2+0+0
BTech	MINING	Basket IV	Core	CUTM1114	Mine Legislation and General Safety I	3	3+0+0
BTech	MINING	Basket IV	Core	CUTM1115	Mineral Dressing	2	2+0+0
BTech	MINING	Basket IV	Core	CUTM1116	Mine Ventilation	3	2+1+0
BTech	MINING	Basket IV	Core	CUTM1908	Computer Aided Drafting	3	0+2+1
BTech	MINING	Basket IV	Core	CUTM1909	Mine Management	2	2+0+0
BTech	MINING	Basket IV	Core	CUTM1910	Mine Surveying	2	2+0+0
BTech	MINING	Basket IV	Core	CUTM1911	Mine Legislation and General Safety II	3	3+0+0
BTech	MINING	Basket IV	Core	CUTM1912	Mine Electrical Technology	3	2+1+0
BTech	BIOTECH	Basket IV	Core	CUTM1117	Bioprocess Engineering	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1118	Fermentation Biotechnology	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1119	Food Microbiology	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1120	Microbial Biotechnology	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1121	Genetic Engineering	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1122	Plant Tissue Culture Engineering	5	3+1+1
BTech	BIOTECH	Basket IV	Core	CUTM1123	Biosafety Engineering	6	3+2+1
BTech	BIOTECH/MLT	Basket IV	Core	CUTM1124	Cell Biology	4	3+0+1
BTech	BIOTECH/MLT	Basket IV	Core	CUTM1125	Molecular Biology	4	3+0+1
BTech	BIOTECH/MLT	Basket IV	Core	CUTM1126	Biochemistry	4	3+0+1
BTech	BIOTECH/ MICROBIOLOGY	Basket IV	Core	CUTM1127	Immunology	4	3+0+1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1128	Engineering Properties of Agricultural Produce	2	1+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1129	Watershed Hydrology	2	1+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1130	Tractor and Automotive Engines	3	2+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1131	Irrigation Engineering	3	2+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1132	Tractor Systems and Controls	3	2+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1133	Farm Machinery and Equipment-I	3	2+0+1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1134	Agricultural Structures and Environmental Control	2	1+0+1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1135	Sprinkler and Micro Irrigation Systems	2	1+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1136	Soil-Water Conservation Engineering and Structure	4	3+0+1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1137	Watershed Planning and Management	2	1+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1138	Drainage Engineering	2	1+1+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1139	Farm Machinery and Equipment-II	3	2+0+1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1140	Post-Harvest Engineering of Horticultural Crops	2	1-0-1
B.Tech	Ag. Engg	Basket IV	Core	CUTM1141	Groundwater, Wells and Pumps	2	2+1+0

B.Tech	Ag. Engg	Basket IV	Core	CUTM1142	Tractor and Farm Machinery Operation and Maintenance	2	0+2+0
B.Tech	Ag. Engg	Basket IV	Core	CUTM1143	Dairy and Food Engineering	3	2+0+1
BTech	Dairy Technology	Basket IV	Core	CUTM1144	Milk Production Management and Dairy Development	3	(2+1+0)
BTech	Dairy Technology	Basket IV	Core	CUTM1145	Physical Chemistry of Milk	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1146	Market Milk	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1147	Traditional Indian Dairy Products	2	(1-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1148	Microbiology of Fluid Milk	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1149	Chemistry of Milk	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1150	Fat Rich Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1151	Microbiology of Dairy Products	2	(1-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1152	Dairy Process Engineering	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1153	Starter Cultures and Fermented Milk Products	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1154	Condensed & Dried Milks	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1155	Quality and Safety Monitoring in Dairy Industry	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1156	Ice-cream & Frozen Desserts	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1157	Chemistry of Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1158	Cheese Technology	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1159	By Products Technology	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1160	Packaging of Dairy Products	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1161	Chemical Quality Assurance	2	(1-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1162	Dairy Plant Design and Layout	2	(1-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1163	Food and Industrial Microbiology	3	(2-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1164	Sensory Evaluation of Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Basket IV	Core	CUTM1165	Dairy Plant Management	2	(1-0-1)
BTech	Dairy Technology	Basket IV	Core	CUTM1166	Waste Disposal and Pollution Abatement	2	(1-0-1)
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany/MSc Chemistry(Basket I)	Basket IV	Core	CUTM1167	Pharmacognosy and Phytochemistry of Important Medicinal Herbs	4	2+1+1
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1168	Ayurveda and fermentation technology	3	2+1+0
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1169	Regulations & Certifications of Herbal Drugs	4	3+0+1
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1170	Material Science of Excipients and Additives	3	2+0+1

B Tech/ MSc	Phytopharmaceutica ls/MSc Botany(Basket I)	Basket IV	Core	CUTM1171	Phyto-Pharmacology	4	2+1+1
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany(Basket I)	Basket IV	Core	CUTM1172	Advanced separation technologies and downstream processing	4	2+1+1
BTech	Phytopharmaceutica ls, MSc Botany(Basket I)	Basket IV	Core	CUTM1173	Packaging Technologies	3	2+0+1
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany/MSc Zoology(Basket I)	Basket IV	Core	CUTM1174	Bioanalytical techniques	4	2+1+1
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany(Basket I)	Basket IV	Core	CUTM1175	Herbal Cosmetic Technology	4	2+0+2
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1176	Quality Assurance and Quality Control Of Herbal Products	3	2+0+1
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany	Basket IV	Core	CUTM1177	Plant Biotechnology	4	2+1+1
B Tech/ MSc	Phytopharmaceutica ls/MSc Botany(Basket I)	Basket IV	Core	CUTM1178	Good Manufacturing Practices-Herbal Industry	4	2+0+2
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1179	Plant Design and Operation for Herbal Drugs	3	2+0+1
BTech	Phytopharmaceutica ls	Basket IV	Core	CUTM1180	Statistical Quality Control & Design of Experiments	3	2+0+1
MANAGEMENT							
MBA		Basket I	Foundation (Basket-1, MBA)	CUTM1181	Evolution of Management Thought	1	0+0+1
MBA/MDM/ABM		Basket I	Foundation (Basket-1, MBA) University wide Job Readiness	CUTM1182	Job Readiness	3	
MBA		Basket I	Foundation (Basket-1, MBA)	CUTM1183	Quantitative Techniques	5	3+1+1
MBA/MDM/ABM		Basket I	Foundation (Basket-1, MBA)	CUTM1184	Micro Economics	4	3+0+1

MBA & BBA (Basket IV)		Basket I	Foundation (Basket-1, MBA)	CUTM1185	Data analysis through Microsoft Excel	2	0+0+2
MBA/MDM/ABM		Basket I	Foundation (Basket-1, MBA)	CUTM1186	Economic Environment of Business	4	3+0+1
MBA/MDM/ABM		Basket I	Foundation (Basket-1, MBA)	CUTM1187	Indian Society and Culture	2	1+0+1
MBA		Basket I	Foundation (Basket-1, MBA)	CUTM1188	Operation Research	1	0+0+1
MBA		Basket I	Foundation (Basket-1, MBA)	CUTM1189	Principles of Management	2	1+0+1
MBA/BTech SMART		Basket I	Foundation (Basket-1, MBA)	CUTM1190	Basics of Design Thinking	2	0+1+1
MBA & BBA (Basket III), MSc Maths		Basket I	Foundation (Basket-1, MBA)	CUTM1191	Data Analysis and Visualization Using Python	4	0+1+3
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1192	Introduction to AI/ML	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1193	Introduction to Data Analytics	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1194	Introduction to Additive Manufacturing/3D Printing	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1195	Introduction to AR/VR	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1196	Introduction to Emerging Mobility Solutions	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1197	Introduction to Blockchain	1	0.5+0+0.5
MBA		Basket II	Digital Technologies (Basket-2, MBA)	CUTM1198	Introduction to Robotics	1	0.5+0+0.5

MBA/MDM/ABM (Basket I)		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1199	Accounting for Managers	4	3+0+1
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1200	Marketing Management	4	3+0+1
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1201	Organizational Behaviour and Structure	4	3+0+1
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1202	Talent Acquisition and Development	4	2+0+2
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1203	Marketing Research	4	2+0+2
MBA/MDM/ABM (Basket I)		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1204	Corporate Finance	4	3+0+1
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1205	Production & Operations Management	3	2+0+1
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1206	Introduction to PLM (Platforms such as 3DS)	2	1+1+0
MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1207	Designing User/Customer Experience (UX/CX)	2	1+0+1

MBA		Basket III	Management Potential Development (Basket-3, MBA)	CUTM1208	Supply Chain Management	2	1+0+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2350	Advanced Managerial Accounting	4	3+0+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2351	Financial Institutions, Markets & Services	4	3+0+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2352	Commercial Banking and ALM	4	3+0+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2353	Security Analysis And Portfolio Management	4	1+0+3
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2354	Project Appraisal & Financing	4	2+1+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2355	Current Asset Management	4	2+1+1
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2356	Financial Analysis and Visualization	4	1+0+3
MBA		Basket V	Finance -Domain (Basket-5, MBA)	CUFM2357	Robotics Process Automation (RPA) in Finance	4	2+0+2
MBA/MDM/ABM (Basket I)		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2360	Rural Marketing	4	2+1+1
MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2361	Sales and Distribution Management	6	2+2+2
MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2362	Services & Financial Services Marketing	4	2+1+1
MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2363	Brand Management & Consumer Behaviour	4	2+2+0
MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2364	Digital Marketing & Marketing Communications	4	2+0+2
MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2365	Retail & Etail Management	4	2+0+2

MBA		Basket V	Marketing- Domain (Basket-5, MBA)	CUMM2366	B2B Marketing	4	2+2+0
BBA		Basket I	Core (BBA)	CUTM1209	Fundamentals of Management	4	3+0+1
BBA		Basket I	Core (BBA)	CUTM1210	Organisational Behaviour	4	3+0+1
BBA		Basket I	Core (BBA)	CUTM1211	Statistics for Business Decisions	6	4+2+0
BBA		Basket I	Core (BBA)	CUTM1212	Managerial Economics	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1213	Business Accounting	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1214	Macro Economics	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1215	Principles of Marketing	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1216	Management Accounting	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1217	Business Research	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1218	Human Resource Management	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1219	Financial Management	6	4+0+2
BBA		Basket I	Core (BBA)	CUTM1220	Quantitative Techniques for Management	6	2+4+0
BBA		Basket I	Core (BBA)	CUTM1221	Legal Aspects of Business	4	3+1+0
BBA		Basket I	Core (BBA)	CUTM1222	Business Policy and Strategy	6	4+1+1
BBA		Basket I	Core (BBA)	CUTM1223	Investment Banking & Financial Services	6	4+0+2
MBA (Basket VI) & BBA (Basket IV)			Skill Enhancement	CUTM1224	Summer Internship	4	0+0+4
BBA		Basket II	DSE	CUTM1225	Advanced Managerial Accounting	6	4+0+2
BBA		Basket II	DSE	CUTM1226	Financial Institutions, Markets & Services	6	4+0+2
BBA		Basket II	DSE	CUTM1227	Commercial Banking and ALM	6	4+0+2
BBA		Basket II	DSE	CUTM1228	Security Analysis And Portfolio Management	6	2+0+4
BBA		Basket II	DSE	CUTM1229	Project Appraisal & Financing	6	2+2+2
BBA		Basket II	DSE	CUTM1230	Current Asset Management	6	2+2+2
BBA		Basket II	DSE	CUTM1231	Financial Analysis and Visualization	6	2+0+4
BBA		Basket II	DSE	CUTM1232	Robotics Process Automation (RPA) in Finance	6	3+0+3
BBA		Basket II	DSE	CUTM1233	Rural Marketing	6	2+2+2
BBA		Basket II	DSE	CUTM1234	Sales and Distribution Management	6	2+2+2
BBA		Basket II	DSE	CUTM1235	Services & Financial Services Marketing	6	2+2+2
BBA		Basket II	DSE	CUTM1236	Brand Management & Consumer Behaviour	6	3+3+0
BBA		Basket II	DSE	CUTM1237	Digital Marketing & Marketing Communications	6	3+0+3
BBA		Basket II	DSE	CUTM1238	Retail & Etail Management	6	3+0+3
BBA		Basket II	DSE	CUTM1239	B2B Marketing	6	3+3+0
MDM/ABM		Basket II	Core	CUTM1240	Contemporary Development Communication	4	1+1+2
MDM/ABM		Basket II	Core	CUTM1241	Data Analysis using Excel and Python	4	0+2+2

MDM/ABM		Basket II	Core	CUTM1242	Development Project Management Planning Tools and Techniques-I	4	1+1+2
MDM/ABM		Basket II	Core	CUTM1243	Natural Resource Management	2	1+0+1
MDM/ABM		Basket II	core	CUTM1244	Development Theory and Practice	4	2+0+2
MDM/ABM		Basket II	core	CUTM1245	Development Project Management Planning Tools and Techniques-II	4	0+2+2
MDM/ABM		Basket II	core	CUTM1246	Social Research Methods	4	2+1+1
MDM/ABM		Basket II	core	CUTM1247	Agricultural Marketing	4	2+0+2
MDM/ABM		Basket III		CUTM1248	Mini Bharat Darshan	6	0+0+6
MDM/ABM		Basket IV		CUTM1249	Development/ Agribusiness Internship	10	0+0+10
MDM/ABM				CUTM1926	Field Action Component III	4	0-0-4
MDM/ABM				CUTM1927	Field Action Component III	4	0-0-4
MDM/ABM				CUTM1928	Field Action Component III	4	0-0-4
MDM/ABM				CUTM1929	Strategic Management	4	2-0-2
MDM/ABM				CUTM1930	Community Organization and Development	2	0-0-2
MDM/ABM				CUTM1931	Food Security and Right to Food	2	0-0-2
MDM/ABM				CUTM1932	Financial Inclusion and Micro Finance	2	0-0-2
MDM/ABM				CUTM1933	Organization Behaviour	4	2-0-2
MDM/ABM				CUTM1934	Human Resource Management and Organisation Development	4	2-1-1
MDM/ABM				CUTM1935	Public Policy: Design, Analysis and Implementation	4	2-0-2
MDM/ABM				CUTM1936	Social Entrepreneurship and CSR	2	1-0-1
MDM/ABM				CUTM1937	Digital and Social Media Marketing	2	0-0-2
MDM/ABM				CUTM1938	Dissertation and Viva Voce	8	0-0-8

VOCATIONAL							
Diploma	All	Basket I	Foundation	CUTM1250	General Mathematics	3	2+1+0
Diploma	All	Basket II	Foundation	CUTM1251	Communicative English	3	0+2+1
Diploma	All	Basket II	Foundation	CUTM1252	Employability Skills -I (LEARNWISE)	3	
Diploma	All	Basket II	Foundation	CUTM1253	Employability Skills -II (LEARNWISE)	3	
Diploma	All	Basket II	Foundation	CUTM1254	Community Action Learning	3	
Diploma	All	Basket II	Foundation	CUTM1255	Career Management	3	
Diploma	All	Basket II	Foundation	CUTM1256	Learning Reflection	0.5	0+0+0.5
Diploma	All	Basket III	Smart	CUTM1257	SBC Based System Design and IoT	4	0+3+1
Diploma	All	Basket III	Smart	CUTM1258	Introduction to Mechatronics	4	0+3+1
Diploma	All	Basket III	Smart	CUTM1259	Industry 4.0 and Smart Factory	4	0+2+2
Diploma	CE,MIE,EE	Basket III	Smart	CUTM1260	Advanced GIS Application	4	1+2+1
JOB ROLE							

Diploma	All	Basket V	JobRole	CUTM3001	Installation Technician - Computing and Peripherals	6	1+4+1
Diploma	All	Basket V	JobRole	CUTM3002	Industrial Electrician	8	2+4+2
Diploma	All	Basket V	JobRole	CUTM3003	Project / Internship	6	0+0+6
Diploma	EE	Basket V	JobRole	CUTM3004	Domestic Electrician	6	1+4+1
Diploma	EE	Basket V	JobRole	CUTM3005	Power System Technician	6	1+4+1
Diploma	EE,ME	Basket V	JobRole	CUTM3006	PLC Technician	6	1+4+1
Diploma	EE,ME	Basket V	JobRole	CUTM3007	Refrigeration and Air-conditioning Technician	6	1+4+1
Diploma	EE,ME	Basket V	JobRole	CUTM3008	HMI/SCADA Technician	6	1+4+1
Diploma	EE	Basket V	JobRole	CUTM3009	Transformer Manufacturing	6	1+4+1
Diploma	EE	Basket V	JobRole	CUTM3010	Supervisor-Industrial Automation	10	2+4+4
Diploma	EE	Basket V	JobRole	CUTM3011	Supervisor-Electrical Works	10	2+4+4
Diploma	EE	Basket V	JobRole	CUTM3012	Junior Engineer-Power Distributions	10	2+4+4
Diploma	ME,MIE,CE,EE	Basket V	JobRole	CUTM3013	Multi Skill Technician – Manufacturing	6	1+4+1
Diploma	ME,MIE	Basket V	JobRole	CUTM3014	Machine Tool Operator	6	1+4+1
Diploma	ME,MIE	Basket V	JobRole	CUTM3015	Welding Technician I	6	1+4+1
Diploma	ME,MIE	Basket V	JobRole	CUTM3016	CNC Operation and Programming	6	1+4+1
Diploma	ME	Basket V	JobRole	CUTM3017	Welding Technician II	6	1+4+1
Diploma	ME	Basket V	JobRole	CUTM3018	Automotive Service Technician	6	1+4+1
Diploma	ME	Basket V	JobRole	CUTM3019	Supervisor (CAD/CAM)	10	2+4+4
Diploma	ME	Basket V	JobRole	CUTM3020	Welding (Supervisor)	10	2+4+4
Diploma	ME	Basket V	JobRole	CUTM3021	Automotive Supervisor	10	2+4+4
Diploma	CE	Basket V	JobRole	CUTM3022	Draughtsman	6	1+4+1
Diploma	CE	Basket V	JobRole	CUTM3023	Store Keeper	6	1+4+1
Diploma	CE	Basket V	JobRole	CUTM3024	Assistant Surveyor	6	1+4+1
Diploma	CE	Basket V	JobRole	CUTM3025	Supervisor (Construction)	10	2+4+4
Diploma	MIE,ME,CE	Basket V	JobRole	CUTM3026	HEMM Mechanic	6	1+4+1
Diploma	MIE	Basket V	JobRole	CUTM3027	Mining Surveyor	10	2+4+4
Diploma	MIE,ME,CE	Basket V	JobRole	CUTM3028	Mechatronics-in-Charge	6	1+4+1
Diploma	CSE	Basket V	JobRole	CUTM3116	Linux administrator	6	2+2+2
Diploma	CSE	Basket V	JobRole	CUTM3117	Cloud solution Architect	8	2+4+2
Diploma	CSE	Basket V	JobRole	CUTM3118	Embedded System Designer	8	1+3+4
Diploma	ME	Basket V	JobRole	CUTM3119	Automotive service technician II	6	1+4+1
MEDIA							
BMMMC		Basket I	Core	CUTM1264	Communication, Media and Society	6	2+2+2
BMMMC		Basket I	Core	CUTM1265	Introduction to Journalism	6	1+3+2
BMMMC		Basket I	Core	CUTM1266	Communication Research	6	2+2+2
BMMMC		Basket I	Core	CUTM1267	Print Media Production	6	1+3+2
BMMMC		Basket I	Core	CUTM1268	Exploring Hindi Cinema	6	2+2+2

BMMC		Basket I	Core	CUTM1269	Graphic Designing & Visual Images	6	0+4+2
BMMC		Basket I	Core	CUTM1270	Television Journalism	6	2+2+2
BMMC		Basket I	Core	CUTM1271	Development Communication	6	3+1+2
BMMC		Basket I	Core	CUTM1272	Camera and Editing for TV	6	0+3+3
BMMC		Basket I	Core	CUTM1273	Reporting and Anchoring	6	1+3+2
BMMC		Basket I	Core	CUTM1274	Global Politics and Media	6	2+3+1
BMMC		Basket I	Core	CUTM1275	Documentary	6	2+2+2
BMMC		Basket I	Core	CUTM1276	Communication and the Plastic Arts	6	2+2+2
BMMC		Basket I	Core	CUTM1277	Integrated Marketing Communication	6	2+2+2
MAMC		Basket I	Foundation	CUTM1278	Communication Research Methods	8	2+4+2
MAMC		Basket I	Foundation	CUTM1279	Introduction to Print & Electronic Media	8	2+3+3
MAMC		Basket II	Core	CUTM1280	Society, Media and Communication	8	4+0+4
MAMC		Basket II	Core	CUTM1281	Cultural Studies	8	4+2+2
MAMC		Basket II	Core	CUTM1282	Advanced Digital Media	8	2+3+3
MAMC		Basket II	Core	CUTM1283	Digital Media Platforms	8	3+2+3
MAMC		Basket II	Core	CUTM1284	Film studies	8	3+3+2
MAMC		Basket II	Core	CUTM1285	Advertising and Public Relations	8	3+3+2
MAMC		Basket II	Core	CUTM1286	Thesis	8	0+4+3
MAMC		Basket III	Elective	CUMC2370	Animation	7	0+4+3
MAMC		Basket III	Elective	CUMC2371	Radio Jockeying	7	0+4+3
MAMC		Basket III	Elective	CUMC2372	TV Anchoring	7	0+4+3
MAMC		Basket III	Elective	CUMC2373	Fashion Photography	7	0+4+3
MAMC		Basket III	Elective	CUMC2374	Camera Operator	7	0+4+3
MAMC		Basket III	Elective	CUMC2375	Video Editor	7	0+4+3
MAMC		Basket III	Elective	CUMC2376	Web Content Development	7	0+4+3
MAMC		Basket III	Elective	CUMC2377	Sound Engineer	7	0+4+3
MAMC		Basket III	Elective	CUMC2378	Adobe tools and, Illustration	7	0+4+3
BMMC		Basket II	DSE	CUMC2379	Animation	6	0+3+3
BMMC		Basket II	DSE	CUMC2380	Radio Jockeying	6	0+3+3
BMMC		Basket II	DSE	CUMC2381	Web Content Development	6	1+3+2
BMMC		Basket II	DSE	CUMC2382	Introduction to Social Media	6	1+3+2
BMMC		Basket IV	AEEC	CUMC2383	Photography	4	0+2+2
AGRICULTURE							
B.Sc.(Hons)	Agriculture/Ag. Engg.		Core	CUTM1287	Fundamentals of Agronomy	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1288	Fundamentals of Genetics	3	2+1+0
B.Sc.(Hons)	Agriculture/Ag. Engg.		Core	CUTM1289	Fundamentals of Soil Science	3	2+1+0

B.Sc.(Hons)	Agriculture/Ag. Engg.		Core	CUTM1290	Fundamentals of Horticulture	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1291	Fundamentals of Plant Pathology	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1292	Rural Sociology & Educational Psychology	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1293	Agricultural Heritage	1	1+0+0
B.Sc.(Hons)	Agriculture		Core	CUTM1294	Agricultural Economics& Trade	3	3+0+0
B.Sc.(Hons)	Agriculture		Core	CUTM1295	Statistical Method	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1296	Soil And Water Conservation Engineering	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1297	Fundamentals of Crop Physiology	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1298	Introductory Agro Meteorology and Climate Change	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1299	Agricultural Microbiology	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1300	Irrigation Water Management	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1301	Production Technology for Vegetables and Spices	2	1+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1302	Fundamentals of Entomology –I	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1303	Fundamentals of Agricultural Extension Education	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1304	Farm Machinery and Power	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1305	Introduction to Forestry	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1306	Agricultural Finance and Cooperation	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1307	Agricultural Marketing &Prices	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1308	Crop Production Technology – I	3	2+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1309	Fundamentals of Plant Breeding	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1310	Fundamentals of Entomology- II	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1311	Weed Management	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1312	Fundamentals of Plant Biochemistry	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1313	Production Technology of Fruits and Plantation Crops	2	1+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1314	Agricultural Informatics	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1315	Live Stock and Poultry Management	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1316	Human Values & Ethics	1	1+0+0
B.Sc.(Hons)	Agriculture		Core	CUTM1317	Renewable Energy and Green Technology	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1318	Fundamentals of Plant Biotechnology	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1319	Rain-Fed Agriculture & Watershed Management	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1320	Principles of Seed Technology	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1321	Diseases of Field and Horticultural Crops and Their Management –I	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1322	Crop Production Technology –II	2	1+0+1

B.Sc.(Hons)	Agriculture		Core	CUTM1323	Production Technology for Ornamental Crops, MAP and Landscaping	2	1+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1324	Manures, Fertilizers and Soil Fertility Management	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1325	Entrepreneurship Development And Business Communication	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1326	Principles of Food Science And Nutrition	2	2+0+0
B.Sc.(Hons)	Agriculture		Core	CUTM1327	Problematic Soils and Their Management	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1328	Pests of Field Crops and Stored Grain and Their Management	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1329	Diseases of Field and Horticultural Crops and Their Management-II	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1330	Crop Improvement-I	2	1+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1331	Geoinformatics and Nano-Technology for Precision Farming	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1332	Practical Crop Production – I	2	0+0+2
B.Sc.(Hons)	Agriculture		Core	CUTM1333	Environmental Studies and Disaster Management	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1334	Farming System & Organic Farming for Sustainable Agriculture	3	2+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1335	Practical Crop Production II	2	0+0+2
B.Sc.(Hons)	Agriculture		Core	CUTM1336	Post-Harvest Management and Value Addition of Fruits and Vegetables	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1337	Pests of Horticultural Crops and Their Management and Beneficial Insects	3	2+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1338	Crop Improvement-II	2	1+0+1
B.Sc.(Hons)	Agriculture		Core	CUTM1339	Principles of Integrated Pest and Disease Management	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1340	Protected Cultivation and Post Harvest Technologies	2	1+1+0
B.Sc.(Hons)	Agriculture		Core	CUTM1341	Intellectual Property Rights	1	1+0+0
B.Sc.(Hons)	Agriculture		Core	CUTM1342	Production Economics and Farm Management	3	2+1+0
FISHERIES							
B.F.Sc.	Fisheries Science		Core	CUTM1343	Principles of Aquaculture	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1344	Taxonomy of Finfish	3	1+0+2
B.F.Sc.	Fisheries Science		Core	CUTM1345	Aquaculture in Reservoirs	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1346	Meteorology, Climatology and Geography	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1347	Statistical Methods	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1348	Fundamentals of Biochemistry	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1349	Fish in Nutrition	1	1+0+0

B.F.Sc.	Fisheries Science		Core	CUTM1350	Fresh Water Aquaculture	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1351	Anatomy and Biology of Finfish	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1352	Limnology	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1353	Marine Biology	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1354	Inland Fisheries	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1355	Food Chemistry	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1356	Taxonomy of Shellfish	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1357	Physiology of Finfish and Shellfish	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1358	Fish Food Organisms	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1359	Fishery Oceanography	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1360	Ornamental Fish Production and Management	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1361	Freezing Technology	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1362	Genetics and Breeding	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1363	Fish Immunology	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1364	Fish Nutrition and Feed Technology	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1365	Fish Canning Technology	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1366	Fish Packaging Technology	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1367	Fishing Craft Technology	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1368	Fisheries Extension Education	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1369	Microbial and Parasitic Diseases of Fish and Shellfish	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1370	Finfish Hatchery management	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1371	Anatomy and biology of shell fish	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1372	Marine Fisheries	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1373	Fisheries Cooperative and Marketing	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1374	Fishing Gear Technology	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1375	Fish Population dynamics and Stock Assessment	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1376	Coastal Zone Management	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1377	Refrigeration and Equipment Engineering	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1378	Fisheries Policy and Law	1	1+0+0
B.F.Sc.	Fisheries Science		Core	CUTM1379	Aquatic Pollution	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1380	Fishing Technology	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1381	Fish Production and Value Addition	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1382	Microbiology of Fish and Fisheries Product	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1383	Navigation and seamanship	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1384	Fish Byproducts and waste utilization	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1385	Quality assurance of Fish and Fishery Products	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1386	Fundamentals of Microbiology	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1387	Therapeutics in Aquaculture	2	1+1+0

B.F.Sc.	Fisheries Science		Core	CUTM1388	Fish and Shellfish Pathology	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1389	Fish Toxicology	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1390	Introduction to biotechnology and Bioinformatics	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1391	Pharmacology	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1392	Shellfish Hatchery Management	2	1+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1393	Aquaculture Engineering	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1394	Soil and Water Chemistry	3	2+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1395	Information and Communication Technology	2	1+1+0
B.F.Sc.	Fisheries Science		Core	CUTM1396	Aquatic Ecology, Biodiversity and Disaster Management	3	2+0+1
B.F.Sc.	Fisheries Science		Core	CUTM1397	Aquatic Mammals, Reptiles and Amphibians	1	1+0+0
B.F.Sc.	Fisheries Science		Core	CUTM1398	Coastal Aquaculture and Mariculture	3	2+1+0
SCIENCE							
M.Sc	Physics	Basket I	Core	CUTM1399	Energy storage materials	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1400	Bio and Biomimetic Nanomaterials	4	3+0+1
M.Sc	Physics	Basket I	Core	CUTM1401	Photovoltaic technology and nanocatalysts	4	3+1+0
M.Sc	Physics, Chemistry	Basket I	Core	CUTM1402	Advanced characterization techniques	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1403	Smart electronic materials	4	3+0+1
M.Sc	Physics	Basket I	Core	CUTM1404	Corrosion and advanced coating applications	4	3+0+1
M.Sc	Physics, Chemistry	Basket I	Core	CUTM1405	Synthesis and application of nano composites	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1406	Material behavior of nanostructures	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1407	Emerging materials	4	3+0+1
M.Sc	Physics, Chemistry	Basket I	Core	CUTM1408	Synthesis routes of nanomaterials	4	3+1+0
M.Sc	Physics, Chemistry	Basket I	Core	CUTM1409	Computational materials science	4	2+2+0
M.Sc	Physics	Basket I	Core	CUTM1410	Plasma technology	4	3+0+1
M.Sc	Physics	Basket I	Core	CUTM1411	Essentials of nanomaterials	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1412	Advanced quantum mechanics	4	2+0+2
M.Sc	Physics	Basket I	Core	CUTM1413	Physics of solids and semiconductors	4	3+1+0
M.Sc	Physics	Basket I	Core	CUTM1414	Laser technology	4	2+1+1
M.Sc	Chemistry	Basket I	Core	CUTM1415	Industrial chemicals	4	3+1+0
M.Sc	Chemistry, Phytopharma, Botany	Basket I	Core	CUTM1416	Pharmacognosy and phytochemistry	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1417	Polymer chemistry	4	3+1+0

M.Sc	Chemistry, Phytopharma	Basket I	Core	CUTM1418	Packaging	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1419	Industrial pollution and its waste management	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1420	Toxicology	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1421	Biopolymer and hydrogel	4	3+1+0
M.Sc	Chemistry, Phytopharma	Basket I	Core	CUTM1422	Nano-pharmaceuticals and biomedical science	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1423	Synthetic organic chemistry	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1424	Energy storage system	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1425	Sustainable chemistry	4	3+1+0
M.Sc	Chemistry	Basket I	Core	CUTM1426	Analytical techniques	4	3+1+0
M.Sc	Botany, Phytopharma	Basket I	Core	CUTM1427	Herbal Cosmetic Technology	4	3+1+0
M.Sc	Botany, Phytopharma	Basket I	Core	CUTM1428	Plant Physiology and Metabolism	4	3+1+0
M.Sc	Botany, Phytopharma	Basket I	Core	CUTM1429	Good Manufacturing Practices-Herbal Industry	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1430	Developmental Biology and Phytotomy	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1431	Systematics and Diversity Of Plants	4	3+1+0
M.Sc	Botany, Phytopharma	Basket I	Core	CUTM1432	Advanced Separation Technologies and Downstream Processing	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1433	Biochemistry and Enzyme Technology	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1434	Advances In Plant Ecology	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1435	Computational Biology	4	3+1+0
M.Sc	Botany, Zoology	Basket I	Core	CUTM1436	Microbiology	4	3+1+0
M.Sc	Botany, Zoology	Basket I	Core	CUTM1437	Cell and Molecular Biology	4	3+1+0
M.Sc	Botany, Zoology, Phytopharma	Basket I	Core	CUTM1438	Bioanalytical Techniques	4	3+1+0
M.Sc	Botany, Phytopharma	Basket I	Core	CUTM1439	Plant Biotechnology	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1440	Plant Breeding and Genetics	4	3+1+0
M.Sc	Botany	Basket I	Core	CUTM1441	Plant Genomics	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1442	Advanced aquaculture	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1443	Water and soil quality management in aquaculture	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1444	Fish and shell fish nutrition	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1445	Fish and shell fish health management	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1446	Anatomy and biology of fish and shell fish	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1447	Coastal aquaculture	4	3+1+0

M.Sc	Zoology	Basket I	Core	CUTM1448	Fish processing and value addition	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1449	Ornamental aquaculture	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1450	Animal physiology and biochemistry	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1451	Immunology and cancer biology	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1452	Animal biotechnology	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1453	Animal breeding	4	3+1+0
M.Sc	Zoology	Basket I	Core	CUTM1454	Genetics and epigenetics	4	3+1+0
B.Sc.	Botany	Basket I	Core	CUTM1455	Phycology and Microbiology	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1456	Biomolecules & Cell biology	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1457	Mycology & Phytopathology	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1458	Archegoniate	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1459	Anatomy of Angiosperms	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1460	Economic Botany	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1461	Basics of Genetics	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1462	Molecular Biology	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1463	Plant Ecology and Phytogeography	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1464	Plant Systematics	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1465	Reproductive Biology of Angiosperm	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1466	Plant Physiology	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1467	Plant Metabolism	6	3+2+1
B.Sc.	Botany	Basket I	Core	CUTM1468	Plant Biotechnology	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1469	Atomic Structure and Chemical bonding-I	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1470	States of matter and ionic equilibrium	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1471	Basics and Hydrocarbons	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1472	Chemical Thermodynamics and its application	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1473	S- and P-block elements	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1474	Oxygen Containing Functional Groups	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1475	Phase Equilibria & Chemical Kinetics	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1476	Coordination Chemistry	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1477	Heterocyclic Chemistry	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1478	Electrochemistry	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1479	Biomolecules	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1480	Quantum Chemistry & Spectroscopy	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1481	Organometallic chemistry	6	3+2+1
B.Sc.	Chemistry	Basket I	Core	CUTM1482	Spectroscopy	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1483	Mathematical Physics-1	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1484	Mechanics	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1485	Thermal Physics	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1486	Waves and optics	6	3+2+1

B.Sc.	Physics	Basket I	Core	CUTM1487	Mathematical Physics II	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1488	Electricity and Magnetism	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1489	Analog system and Applications	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1490	Mathematical Physics III	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1491	Elements of Modern Physics	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1492	Digital systems and Applications	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1493	Quantum Mechanics & Applications	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1494	Solid State Physics	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1495	Electromagnetic Theory	6	3+2+1
B.Sc.	Physics	Basket I	Core	CUTM1496	Statistical Mechanics	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1497	Non Chordates-I	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1498	Non Chordates-II	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1499	Principles of Ecology	6	3+2+1
BSc	Zoology, Biochemistry	Basket I	Core	CUTM1500	Cell Biology	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1501	Diversity of Chordates	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1502	Physiology - Controlling and Coordinating system	6	3+2+1
BSc	Zoology, Biochemistry	Basket I	Core	CUTM1503	Fundamentals of Biochemistry	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1504	Comparative Anatomy of Vertebrates	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1505	Physiology- Life sustaining system	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1506	Biochemistry of Metabolic processes	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1507	Molecular Biology	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1508	Principles of Genetics	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1509	Developmental Biology	6	3+2+1
BSc	Zoology	Basket I	Core	CUTM1510	Evolutionary Biology	6	3+2+1
B.SC	Mathematics	Basket I	Core	CUTM1511	Calculus	6	3+1 +2
B.SC	Mathematics	Basket I	Core	CUTM1512	Linear Algebra	6	3+1 +2
B.SC	Mathematics	Basket I	Core	CUTM1513	Analysis-I	6	3+0 +3
B.SC	Mathematics	Basket I	Core	CUTM1514	Ordinary Differential Equations	6	3+ 2+1
B.SC	Mathematics	Basket I	Core	CUTM1515	Analysis-II	6	3+0 +3
B.SC	Mathematics	Basket I	Core	CUTM1516	Modern Algebra	6	3+0 +3
B.SC	Mathematics	Basket I	Core	CUTM1517	Partial Differential Equations and System of Ordinary Differential Equation	6	3+2 +1
B.SC	Mathematics	Basket I	Core	CUTM1518	Numerical Analysis	6	3+ 2+1
B.SC	Mathematics	Basket I	Core	CUTM1519	Advanced Analysis	6	3+ 0+3
B.SC	Mathematics	Basket I	Core	CUTM1520	Complex Analysis	6	3+ 1+2
B.SC	Mathematics	Basket I	Core	CUTM1521	INTEGRAL TRANSFORMATION	6	3+1 +2
B.SC	Mathematics	Basket I	Core	CUTM1522	Discrete Mathematical Structure	6	3+1 +2

B.SC	Mathematics	Basket I	Core	CUTM1523	Linear Programming	6	3+2 +1
B.SC	Mathematics	Basket I	Core	CUTM1524	Probability and Statistics	6	3+1 +2
M.Sc	Mathematics,BTech	Basket I	Core	CUTM1525	Heat and Mass Transfer	4	2+1+1
M.Sc	Mathematics	Basket I	Core	CUTM1526	Numerical Methods for CFD	4	2+1+1
M.Sc	Mathematics	Basket I	Core	CUTM1527	Fluid Dynamics	4	3+1+0
M.Sc	Mathematics	Basket I	Core	CUTM1528	Geometry and Grid Generation	4	0+2+2
M.Sc	Mathematics	Basket I	Core	CUTM1529	Applications of CFD using Computational Tool-Simulia	4	0+2+2
M.Sc	Mathematics	Basket I	Core	CUTM1530	Advanced differential equations	4	2+1+1
M.Sc	Mathematics	Basket I	Core	CUTM1531	Graph Theory	4	3+1+0
M.Sc	Mathematics	Basket I	Core	CUTM1532	Optimization techniques	4	3+1+0
M.Sc	Mathematics	Basket I	Core	CUTM1533	Advanced Statistical Methods	4	2+1+1
M.Sc	Mathematics	Basket I	Core	CUTM1534	Applied Number Theory	4	3+1+0
M.Sc	Mathematics	Basket I	Core	CUTM1535	Advanced complex analysis	4	3+0+1
M.Sc	Mathematics	Basket I	Core	CUTM1536	Topology	4	3+0+1
M.Sc	Mathematics	Basket I	Core	CUTM1537	Differential Geometry and Tensor Calculus	4	3+0+1
M.Sc	Mathematics	Basket I	Core	CUTM1538	Advanced Algebra	4	3+0+1
SFS BASKET							
All	All	Basket V	Skill	CUTM3029	Apparel Production & Marketing	4	0+3+1
All	All	Basket V	Skill	CUTM3030	Line Stitching Supervising	4	0+3+1
All	All	Basket V	Skill	CUTM3031	Apparel Production	4	0+3+1
All	All	Basket V	Skill	CUTM3032	Light Motor Vehicle Driving	4	0+3+1
All	All	Basket V	Skill	CUTM3033	Fork Lift Operation	4	0+3+1
All	All	Basket V	Skill	CUTM3034	Heavy Vehicle Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3035	Two Wheeler Service Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3036	Four Wheeler Service Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3037	E-Vehicle Assembly and Service Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3038	Robotics	4	0+3+1
All	All	Basket V	Skill	CUTM3039	CNC Machinist	4	0+3+1
All	All	Basket V	Skill	CUTM3040	CNC Programming (CAM)	4	0+3+1
All	All	Basket V	Skill	CUTM3041	Design Supervising Wooden and Modular Furniture	4	0+3+1
All	All	Basket V	Skill	CUTM3042	Introduction to Composite Manufacturing	4	0+3+1
All	All	Basket V	Skill	CUTM3043	3D Modelling and Printing	4	0+3+1
All	All	Basket V	Skill	CUTM3044	Pottery	4	0+3+1
All	All	Basket V	Skill	CUTM3045	Precast Concrete Manufacturing	4	0+3+1
All	All	Basket V	Skill	CUTM3046	Fabrication	4	0+3+1
All	All	Basket V	Skill	CUTM3047	Hi-Tech Surveying	4	0+3+1

All	All	Basket V	Skill	CUTM3048	Internet of Things	4	0+3+1
All	All	Basket V	Skill	CUTM3049	Mechatronics System Design	4	0+3+1
All	All	Basket V	Skill	CUTM3050	Plant/Drug Research using Biovia	4	0+3+1
All	All	Basket V	Skill	CUTM3051	Introduction to Nanotechnology	4	0+3+1
All	All	Basket V	Skill	CUTM3052	Drone Piloting	4	0+3+1
All	All	Basket V	Skill	CUTM3053	Camera Operation	4	0+3+1
All	All	Basket V	Skill	CUTM3054	Editor	4	0+3+1
All	All	Basket V	Skill	CUTM3055	Desktop Publishing	4	0+3+1
All	All	Basket V	Skill	CUTM3056	Introduction to Blender and Unity tools	4	0+3+1
All	All	Basket V	Skill	CUTM3057	Refraction Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3058	Emergency Medical Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3059	Medical Lab Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3060	Operating Theatre Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3061	Radiology Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3062	Phlebotomy Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3063	First Aid Service	4	0+3+1
All	All	Basket V	Skill	CUTM3064	General Duty Assistance Service	4	0+3+1
All	All	Basket V	Skill	CUTM3065	X- ray Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3066	Wantrepreneur to Entrepreneur	4	0+3+1
All	All	Basket V	Skill	CUTM3067	Retail Sales	4	0+3+1
All	All	Basket V	Skill	CUTM3068	Basketball	4	0+3+1
All	All	Basket V	Skill	CUTM3069	Gym Fitness	4	0+3+1
All	All	Basket V	Skill	CUTM3070	Swimming	4	0+3+1
All	All	Basket V	Skill	CUTM3071	Beauty Therapy	4	0+3+1
All	All	Basket V	Skill	CUTM3072	Yoga & Meditation	4	0+3+1
All	All	Basket V	Skill	CUTM3073	Solar PV Installation	4	0+3+1
All	All	Basket V	Skill	CUTM3074	Solar Lighting Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3075	Gardening	4	0+3+1
All	All	Basket V	Skill	CUTM3076	Solar PV Microgrid System	4	0+3+1
All	All	Basket V	Skill	CUTM3077	Solar Driven Equipment Assembly	4	0+3+1
All	All	Basket V	Skill	CUTM3078	Solar Thermal Engineering	4	0+3+1
All	All	Basket V	Skill	CUTM3079	Introduction to Quantum Computing	4	0+3+1
All	All	Basket V	Skill	CUTM3080	Introduction to High-performance Computing	4	0+3+1
All	All	Basket V	Skill	CUTM3081	Organic Farming	4	0+3+1
All	All	Basket V	Skill	CUTM3082	Mushroom Farming	4	0+3+1
All	All	Basket V	Skill	CUTM3083	Hydroponics Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3084	Poultry Farming	4	0+3+1
All	All	Basket V	Skill	CUTM3085	Dairy Farming	4	0+3+1
All	All	Basket V	Skill	CUTM3086	Vermicomposting Farming	4	0+3+1

All	All	Basket V	Skill	CUTM3087	Transformer Manufacturing, Repairing and Maintenance	4	0+3+1
All	All	Basket V	Skill	CUTM3088	CCTV Installation	4	0+3+1
All	All	Basket V	Skill	CUTM3089	Electrical Installation	4	0+3+1
All	All	Basket V	Skill	CUTM3090	Repair and Maintenance of Home Appliances	4	0+3+1
All	All	Basket V	Skill	CUTM3091	Refrigeration and air conditioning	4	0+3+1
All	All	Basket V	Skill	CUTM3092	Super critical Co2 plant operation	4	0+3+1
All	All	Basket V	Skill	CUTM3093	Seed production - Paddy	4	0+3+1
All	All	Basket V	Skill	CUTM3094	Paddy Processing and marketing	4	0+3+1
All	All	Basket V	Skill	CUTM3095	Business Plan Preparation	4	0+3+1
All	All	Basket V	Skill	CUTM3096	Dairy Plant operation	4	0+3+1
All	All	Basket V	Skill	CUTM3097	Fruit processing with dryers	4	0+3+1
All	All	Basket V	Skill	CUTM3098	Composite fabrication practice	4	0+3+1
All	All	Basket V	Skill	CUTM3099	Powder coating practice	4	0+3+1
All	All	Basket V	Skill	CUTM3100	Farm appliances operation	4	0+3+1
All	All	Basket V	Skill	CUTM3101	Sewage Treatment plant operation	4	0+3+1
All	All	Basket V	Skill	CUTM3102	Solid Waste management	4	0+3+1
All	All	Basket V	Skill	CUTM3103	Bio fertilisers preparation	4	0+3+1
All	All	Basket V	Skill	CUTM3104	PCB designing & fabrication	4	0+3+1
All	All	Basket V	Skill	CUTM3105	Introduction to Block Chain Technology	4	0+3+1
All	All	Basket V	Skill	CUTM3106	Introduction to Nutraceuticals	4	0+3+1
All	All	Basket V	Skill	CUTM3107	Introduction to NLP	4	0+3+1
All	All	Basket V	Skill	CUTM3108	Introduction to Computational Biology	4	0+3+1
All	All	Basket V	Skill	CUTM3109	Product Life Cycle Management through Gate process	4	0+3+1
All	All	Basket V	Skill	CUTM3110	New material development with Biovia	4	0+3+1
All	All	Basket V	Skill	CUTM3111	Spectral image processing using Python	4	0+3+1
All	All	Basket V	Skill	CUTM3112	Satellite data processing	4	0+3+1
All	All	Basket V	Skill	CUTM3113	Working with Graphene and carbon fibre	4	0+3+1
All	All	Basket V	Skill	CUTM3114	Adobe Tools and Illustrations	4	0+3+1
All	All	Basket V	Skill	CUTM3115	Digital Painting	4	0+3+1
All	All	Basket V	Skill	CUTM3120	Computer Installation and Maintenance	4	0+3+1
All	All	Basket V	Skill	CUTM3121	3D Game Art	4	0+3+1
All	All	Basket V	Skill	CUTM3122	Drug Design using Biovia Discovery Studio	4	0+3+1
PHARMACY							
B.Pharm	Pharmacy		Core	CUTM1554	Human Anatomy and Physiology-I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1555	Pharmaceutical Analysis-I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1556	Pharmaceutics-I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1557	Pharmaceutical Inorganic Chemistry	6	4+2+0

B.Pharm	Pharmacy		Core	CUTM1558	Communication skills	3	2+1+0
B.Pharm	Pharmacy		Core	CUTM1559	Remedial Biology	3	2+1+0
B.Pharm	Pharmacy		Core	CUTM1560	Remedial Mathematics	2	2+0+0
B.Pharm	Pharmacy		Core	CUTM1561	Human Anatomy and Physiology II	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1562	Pharmaceutical Organic Chemistry I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1563	Biochemistry	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1564	Pathophysiology	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1565	Computer Applications in Pharmacy	4	3+1+0
B.Pharm	Pharmacy		Core	CUTM1566	Environmental Sciences	3	3+0+0
B.Pharm	Pharmacy		Core	CUTM1567	Pharmaceutical Organic Chemistry-II	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1568	Physical Pharmaceutics-I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1569	Pharmaceutical Microbiology	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1570	Pharmaceutical Engineering	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1571	Pharmaceutical Organic Chemistry III	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1572	Medicinal Chemistry I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1573	Physical Pharmaceutics II	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1574	Pharmacology I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1575	Pharmacognosy and Phytochemistry I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1576	Medicinal Chemistry-II	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1577	Industrial Pharmacy-I	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1578	Pharmacology II	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1579	Pharmacognosy and Phytochemistry-II	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1580	Pharmaceutical Jurisprudence	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1581	Medicinal Chemistry III	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1582	Pharmacology III	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1583	Herbal Drug Technology	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1584	Biopharmaceutics and Pharmacokinetics	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1585	Pharmaceutical Biotechnology	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1586	Quality Assurance	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1587	Instrumental Methods of Analysis	6	4+2+0
B.Pharm	Pharmacy		Core	CUTM1588	Industrial Pharmacy-II	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1589	Pharmacy Practice	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1590	Novel Drug Delivery System	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1591	Practice School	6	0+0+6
B.Pharm	Pharmacy		Core	CUTM1592	Biostatistics and Research Methodology	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1593	Social and Preventive Pharmacy	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2400	Pharmaceutical Marketing	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2401	Pharmaceutical Regulatory Science	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2402	Pharmacovigilance	4	4+0+0

B.Pharm	Pharmacy		Elective	CUPH2403	Quality Control and Standardizations of Herbals	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2404	Computer Aided Drug Design	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2405	Cell and Molecular Biology	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2406	Cosmetic Science	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2407	Experimental Pharmacology	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2408	Advanced Instrumentation Techniques	4	4+0+0
B.Pharm	Pharmacy		Elective	CUPH2409	Dietary Supplements and Nutraceuticals	4	4+0+0
B.Pharm	Pharmacy		Core	CUTM1594	Project Work	6	0+0+6
D.Pharm	Pharmacy		Core	CUTM1595	Pharmaceutics-I	7	3+4+0
D.Pharm	Pharmacy		Core	CUTM1596	Pharmaceutical Chemistry-I	6	3+3+0
D.Pharm	Pharmacy		Core	CUTM1597	Pharmacognosy	6	3+3+0
D.Pharm	Pharmacy		Core	CUTM1598	Biochemistry & Clinical Pathology	5	2+3+0
D.Pharm	Pharmacy		Core	CUTM1599	Human Anatomy & Physiology	5	3+2+0
D.Pharm	Pharmacy		Core	CUTM1600	Health Education & Community Pharmacy	3	3+0+0
D.Pharm	Pharmacy		Core	CUTM1601	Pharmaceutics-II	7	3+4+0
D.Pharm	Pharmacy		Core	CUTM1602	Pharmaceutical Chemistry-II	6	3+3+0
D.Pharm	Pharmacy		Core	CUTM1603	Pharmacology & Toxicology	6	3+3+0
D.Pharm	Pharmacy		Core	CUTM1604	Pharmaceutical Jurisprudence	2	2+0+0
D.Pharm	Pharmacy		Core	CUTM1605	Drug Store And Business Management	3	3+0+0
D.Pharm	Pharmacy		Core	CUTM1606	Hospital & Clinical Pharmacy	5	3+2+0
MBA	Pharmaceutical Management		core	CUTM1607	Anatomy Physiology & Health Education	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1608	Pharmacology	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1609	Basic Epidemiology	2	2+0+0
MBA	Pharmaceutical Management		core	CUTM1610	Selling And Reporting Skills Of Pharmaceutical Product	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1611	Pharmaceutical Brand Management	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1612	Pharmaceutical Sales and Distribution Management	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1613	Business Analytics	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1614	Drug Regulatory Affairs & Intellectual Property Rights	4	4+0+0
MBA	Pharmaceutical Management		core	CUTM1615	Manufacturing Management	2	2+0+0

MBA	Pharmaceutical Management		core	CUTM1616	Financial Reporting & Analysis	2	2+0+0
MBA	Pharmaceutical Management		core	CUTM1617	Pharmaceutical Advertising & Services Management	2	2+0+0
FORENSIC							
Msc	Cybersecurity & Digital forensics		core	CUTM1618	Principles of Information Security	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1619	Digital forensics	6	4+2+0
Msc	Cybersecurity & Digital forensics		core	CUTM1620	Computer Networks	6	4+2+0
Msc	Cybersecurity & Digital forensics		core	CUTM1621	Cyber Crime & Investigations	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1622	Intellectual Property Rights	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1623	Number theory & Cryptography	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1624	Advanced Information Security	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1625	Cyber Forensics	6	4+0+2
Msc	Cybersecurity & Digital forensics		core	CUTM1626	System and Network Security	6	4+0+2
Msc	Cybersecurity & Digital forensics		core	CUTM1627	Cyber Law	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1628	Mobile Security Analysis	6	4+0+2
Msc	Cybersecurity & Digital forensics		core	CUTM1629	IT Governance, Risk & Compliance	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1630	Business Continuity Planning(BCP) & Disaster Recovery	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1631	Penetration Testing & Vulnerability Assessment	6	4+0+2
Msc	Cybersecurity & Digital forensics		core	CUTM1632	Digital Frauds	4	4+0+0
Msc	Cybersecurity & Digital forensics		core	CUTM1633	Project/Dissertation	24	
M.Sc	Forensic Science		Core	CUTM1634	Introduction to Forensics, Psychology Law and Statistics	4	4+0+0

M.Sc	Forensic Science		Core	CUTM1635	Instrumental techniques	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1636	Crime Scene Management and Forensic Physics	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1637	Fingerprints and Questioned Documents	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1638	Business Communication	2	0+2+0
M.Sc	Forensic Science		Core	CUTM1639	Quality Management, Narcotic Drugs, Explosives, and Forensic Chemistry .	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1640	Forensic Biology and Forensic Medicine	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1641	Forensic Serology and DNA Profiling	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1642	Forensic Toxicology and Pharmacology	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1643	Forensic Ballistics and Computer Forensics	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1644	Molecular Biology and Genetics	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1645	Biotechnology in Pharmaceutical Sciences	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1646	Environmental Biotechnology	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1647	Pharmacology and Pharmaceutical Drug Analysis	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1648	Concepts of Toxicology	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1649	Modern and Applied Analytical Forensic Chemistry	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1650	Advances in Physical Techniques	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1651	Concepts of Conventional and Modern Ballistics	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1652	Audio Recognition and Video Analysis	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1653	Modern Trends in Fingerprint Sciences	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1654	Questioned Document and Forensic Accounting	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1655	Forensic Photography and Biometric Traits	6	4+2+0
M.Sc	Forensic Science		Core	CUTM1656	Assignment	6	0+6+0
M.Sc	Forensic Science		Core	CUTM1657	Seminar	6	0+6+0
M.Sc	Forensic Science		Core	CUTM1658	Project	12	0+0+12
B.Sc	Forensic Science		Core	CUTM1659	Basics of Forensic Science	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1660	Crime and Society	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1661	Criminal Law	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1662	Forensic Psychology	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1663	Forensic Dermatoglyphics	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1664	Technological Methods in Forensic Science	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1665	Criminalistics	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1666	Forensic Chemistry	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1667	Questioned Documents	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1668	Forensic Biology	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1669	Forensics Ballistics	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1670	Forensic Toxicology	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1671	Forensic Anthropology	6	4+2+0
B.Sc	Forensic Science		Core	CUTM1672	Forensic Medicine	6	4+2+0

B.Sc	Forensic Science		Ability Enhancement Course	CUTM1673	English	2	2+0+0
B.Sc	Forensic Science		Ability Enhancement Course	CUTM1674	Environmental Science	4	4+0+1
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2410	Digital Forensics	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2411	Economic Offences	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2412	Forensic Serology	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2413	Accident Investigations	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2414	DNA Forensics	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2415	Audio Recognition and Video Analysis	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2416	Explosive Analysis and Post Blast Investigation	6	4+2+0
B.Sc	Forensic Science		Discipline Specific Elective	CUFS2417	Quality control and Quality Assurance	6	4+2+0
B.Sc	Forensic Science		Generic Elective	CUFS2418	Chemistry	6	4+2+0
B.Sc	Forensic Science		Generic Elective	CUFS2419	Physics	6	4+2+0
B.Sc	Forensic Science		Generic Elective	CUFS2420	Zoology	6	4+2+0
B.Sc	Forensic Science		Generic Elective	CUFS2421	Botany	6	4+2+0
B.Sc	Forensic Science		Ability Enhancement Elective	CUTM1675	Introduction to Biometry	2	0+2+0
B.Sc	Forensic Science		Ability Enhancement Elective	CUTM1676	Handwriting Identification and Recognition	2	0+2+0
COMMERCE							
B.Com			Core	CUTM1677	Financial Accounting	6	3+2+1
B.Com			Core	CUTM1678	Business Law	6	4+2+0
B.Com			Core	CUTM1679	Corporate Accounting	6	4+2+0
B.Com			Core	CUTM1680	Corporate Laws	6	4+2+0
B.Com			Core	CUTM1681	Human Resource Management	6	4+0+2
B.Com			Core	CUTM1682	Income-tax Law and Practice	6	4+2+0

B.Com			Core	CUTM1683	Management Principles and Applications	6	4+1+1
B.Com			Core	CUTM1684	Cost Accounting	6	4+2+0
B.Com			Core	CUTM1685	Business Mathematics	6	4+2+0
B.Com			Core	CUTM1686	Computer Applications in Business	6	0+5+1
B.Com			Core	CUTM1687	Principles of Marketing	6	4+0+2
B.Com			Core	CUTM1688	Fundamentals of Financial Management	6	4+1+1
B.Com			Core	CUTM1689	Auditing and Corporate Governance	6	4+0+2
B.Com			Core	CUTM1690	Indirect Tax Law/GST	6	4+2+0
B.Com			AEEC	CUTM1691	E-Commerce	4	2+0+2
B.Com			AEEC	CUTM1692	Entrepreneurship Development	4	2+0+2
B.Com, BSc		Basket II	AECC	CUTM1693	Proficiency in English	2	1+1+0
B.Com			AECC	CUTM1694	Reading to Writing	2	1+1+0
B.Com			AECC	CUTM1695	Business Environment	2	2+0+0
B.Com			GE	CUBC2430	Business Economics	6	4+1+1
B.Com			GE	CUBC2431	Business Statistics	4	2+2+0
B.Com			GE	CUBC2432	Tally ERP 9	4	0+2+2
B.Com			GE	CUBC2433	Introduction to Banking	2	1+0+1
B.Com			GE	CUBC2434	Banking Law & Practice	4	3+1+0
B.Com			GE	CUBC2435	Financial Market Operation	4	3+1+0
B.Com			DSE	CUBC2436	Internship-I	12	0+0+12
B.Com			DSE	CUBC2437	Internship-II	12	0+0+12
SCIENCE							
B.Sc	Biochemistry	Basket I	Core	CUTM1696	Bioorganic Chemistry and Metabolites/Molecular Biology	6	3+2+1
B.Sc	Biochemistry	Basket I	Core	CUTM1697	Biochemical Techniques/Bioanalytical techniques	6	3+1+(2)
B.Sc	Biochemistry	Basket I	Core	CUTM1698	Biomolecules/Biomolecules & Cell biology	6	3+2+1
B.Sc	Biochemistry	Basket I	Core	CUTM1699	Nutrition/Principles of Food Science And Nutrition	6	2+0+(4)
B.Sc	Biochemistry	Basket I	Core	CUTM1700	Metabolism/Biochemistry of Metabolic processes	6	3+2+1
B.Sc	Biochemistry	Basket I	Core	CUTM1701	Bioenergetics and Membrane Biology/Bioenergetics and Membrane Biology	6	3+2+1
B.Sc	Biochemistry	Basket I	Core	CUTM1702	Physiology/Physiology- Life sustaining system	6	3+2+1
B.Sc	Biochemistry	Basket I	Core	CUTM1703	Clinical Biochemistry/Biochemistry & Clinical Pathology	6	2+3+(1)
B.Sc	Biochemistry	Basket I	Core	CUTM1704	Microbiology	6	3+1+(2)
B.Sc	Biochemistry	Basket I	Core	CUTM1705	Immunology/Immunology and cancer biology	6	3+1+(2)
B.Sc	Biochemistry	Basket I	Core	CUTM1706	Enzymology/Biochemistry and enzyme technology	6	3+1+(2)
B.Sc	Biochemistry	Basket I	Core	CUTM1707	Molecular Biology and Genetic Engineering/Principles of Genetics	6	3+2+1
ALLIED HEALTH							

BSc/ MS+B881:11035c Paramedics	BSc CMB/ BSc MLT/ MSc CMB/ MSc MLT	Basket I	Core	CUTM1708	Human Anatomy & Physiology	3	2+1+0
MSc Paramedics	MSc CMB/ MSc MLT	Basket I	Core	CUTM1709	Analytical Techniques	4	3+1+0
MSc Paramedics	MSc CMB/ MSc MLT	Basket I	Core	CUTM1710	Biological Chemistry	3	2+1+0
MSc Paramedics	MSc CMB	Basket II	Core	CUTM1711	General Microbiology	4	3+1+0
MSc Paramedics	MSc CMB/ MSc MLT	Basket I	Core	CUTM1712	Clinical Haematology	4	3+1+0
BSc/ MSc Paramedics	MSc CMB/ BSc CMB	Basket II	Core	CUTM1713	Systemic Bacteriology	4	3+1+0
MSc Paramedics	MSc CMB/ MSc MLT	Basket I	Core	CUTM1714	Cell and Molecular Biology	3	2+0+1
BSc/ MSc Paramedics	BSc CMB/ BSc MLT/ MSc CMB/ MSc MLT/ BSc EMT	Basket I	Core	CUTM1715	Clinical Pathology	4	3+1+0
MSc Paramedics	MSc CMB	Basket II	Core	CUTM1716	Medical Parasitology and Mycology	5	3+2+0
MSc Paramedics	MSc CMB	Basket II	Core	CUTM1717	Applied microbiology	3	2+1+0
MSc Paramedics	MSc CMB/ MSc MLT	Basket I	Core	CUTM1718	Clinical Biochemistry	3	2+1+0
MSc Paramedics	MSc CMB	Basket II	Core	CUTM1719	Immunology & Virology	5	3+2+0
BSc/ MSc Paramedics	MSc CMB/ MSc MLT/ BSc MLT	Basket I	Core	CUTM1720	Histology	4	3+1+0
BSc/ MSc Paramedics	BSc CMB/ BSc MLT/ MSc CMB/ MSc MLT	Basket II	Core	CUTM1721	Research Methodology	3	2+0+1
MSc Paramedics	MSc CMB	Basket II	Core	CUTM1722	Clinical Bacteriology	4	3+1+0
MSc Paramedics	MSc MLT	Basket II	Core	CUTM1723	Medical Laboratory Technology	5	3+2+0
MSc Paramedics	MSc MLT	Basket II	Core	CUTM1724	Medical Microbiology	4	3+1+0
BSc/ MSc Paramedics	MSc MLT/ BSc MLT	Basket II	Core	CUTM1725	Blood Banking	4	3+0+1
MSc Paramedics	MSc MLT	Basket II	Core	CUTM1726	Health Programme in India	3	2+0+1
BSc/ MSc Paramedics	MSc MLT/ BSc MLT	Basket II	Core	CUTM1727	Advanced Hematology	4	3+1+0
MSc Paramedics	MSc MLT	Basket II	Core	CUTM1728	Immunology & Parasitology	5	3+2+0

BSc/ MSc Paramedics	BSc CMB/ BSc MLT/ BSc RIT/ B Optometry/ BSc AT-OT/ BSc AT/ BSc OTT/ BSc EMT	Basket I	Core	CUTM1729	Cell Biology	4	3+0+1
BSc Paramedics	BSc CMB/ BSc MLT	Basket I	Core	CUTM1730	Medical Instrumentation and Technique	4	2+2+0
BSc/ MSc Paramedics	BSc CMB/ MSc MLT	Basket II	Core	CUTM1731	Haematology	5	3+2+0
BSc Paramedics	BSc CMB/ BSc MLT/ BSc AT/ BSc OTT/ BSc EMT	Basket I	Core	CUTM1732	Biochemistry	4	3+1+0
BSc Paramedics	BSc CMB/ BSc MLT/ BSc AT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1733	Microbiology	5	3+2+0
BSc Paramedics	BSc CMB/ BSc MLT/ BSc RIT/ B Optometry/ BSc AT-OT/ BSc AT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1734	Medical Law and Ethics	3	2+0+1
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1735	Systemic Virology & Mycology	5	3+2+0
BSc Paramedics	BSc CMB/ BSc MLT	Basket I	Core	CUTM1736	Immunology	5	3+2+0
BSc Paramedics	BSc CMB/ BSc MLT	Basket I	Core	CUTM1737	Molecular Biology	4	3+0+1
BSc Paramedics	BSc CMB/ BSc MLT	Basket II	Core	CUTM1738	Analytical Biochemistry	5	3+2+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1739	Pharmaceutical Microbiology	4	3+1+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1740	Public Health Microbiology	4	3+1+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1741	Industrial Microbiology	4	3+0+1
BSc Paramedics	BSc CMB/ BSc MLT/ BSc RIT/ B Optometry/ BSc AT-OT/ BSc AT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1742	Basic Computer and Information Science	2	0+2+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1743	Diagnostic Virology	4	3+0+1
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1744	Diagnostic Parasitology	4	3+1+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1745	Diagnostic Mycology	4	3+1+0
BSc Paramedics	BSc CMB	Basket II	Core	CUTM1746	Epidemiology	3	2+0+1
BSc Paramedics	BSc CMB	Basket II		CUTM1747	Diagnostic Bacteriology	5	3+2+0
BSc Paramedics	BSc MLT	Basket II	Core	CUTM1748	Parasitology	5	3+2+0
BSc Paramedics	BSc MLT	Basket II	Core	CUTM1749	Applied Haematology	5	3+2+0
BSc Paramedics	BSc MLT	Basket II	Core	CUTM1750	Immunopathology	4	3+0+1

BSc Paramedics	BSc MLT/ BSc EMT	Basket II	Core	CUTM1751	Medical Laboratory Management	5	3+0+2
BSc Paramedics	BSc MLT	Basket II	Core	CUTM1752	Mycology & Virology	5	3+2+0
BSc Paramedics	BSc MLT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1753	Introduction to Quality and Patient Safety	5	3+0+2
MSc Paramedics	MSc CMB/MSc MLT/BSc CMB/BSc MLT	Basket II	Core	CUTM1754	Mini Project	2	0+0+2
MSc Paramedics	MSc CMB/MSc MLT/BSc CMB/BSc MLT	Basket II	Core (2019 Batch)	CUTM1755	Internship	12	NA
MSc Paramedics	MSc CMB/MSc MLT/BSc CMB/BSc MLT	Basket II	Core (2019 Batch)	CUTM1756	Project	12	NA
BSc Paramedics	Optometry/ Radiology/ AT-OT/ AT/ OTT/ BSc EMT	Basket I	Core	CUTM1757	General Anatomy	5	3+2+0
BSc Paramedics	Optometry/ Radiology/ AT-OT/ AT/ OTT/ BSc EMT	Basket I	Core	CUTM1758	General Physiology	5	3+2+0
BSc Paramedics	Optometry/ Radiology/ AT-OT	Basket I	Core	CUTM1759	Basic Biochemistry	5	3+2+0
BSc Paramedics	Optometry/ Radiology/ AT-OT	Basket I	Core	CUTM1760	Biology	4	3+0+1
BSc Paramedics	Optometry/ Radiology/ AT-OT	Basket I	Core	CUTM1761	Maths	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1762	Basic Radiation Physics	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1763	Fundamental Medical Imaging	6	4+2+0
BSc Paramedics	Radiology	Basket II	Core	CUTM1764	Principles of Radiation Therapy	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1765	Basic Medical Instrumentation & Technique	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1766	Applied Radiation Physics & Radiation Protection	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1767	Radiographic Technique - 1	5	3+2+0
BSc Paramedics	Radiology	Basket II	Core	CUTM1768	Basic Equipment in Radiotherapy	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1769	Mammography and Ultrasound	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1770	Applied Equipment of Radio Diagnosis	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1771	Radiotherapy and Brachy Therapy in Malignant & Non-malignant Disease	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1772	Radiographic Technique - 2	5	3+2+0

BSc Paramedics	Radiology	Basket II	Core	CUTM1773	Physics of CT & MRI	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1774	Interventional Radiology and Drug Diagnostic Radiology	5	3+2+0
BSc Paramedics	Radiology	Basket II	Core	CUTM1775	Computerized Tomography (CT Scanning) Method & Procedure	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1776	Basic of Magnetic Resonance Imaging	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core	CUTM1777	Image Interpretation of X-Ray Mammography, CT & MRI	5	3+2+0
BSc Paramedics	Radiology	Basket II	Core	CUTM1778	Orientation in Clinical Sciences Course Contents	4	3+0+1
BSc Paramedics	Radiology	Basket II	Core (2018 Batch)	CUTM1779	Project	18	
BSc Paramedics	Radiology	Basket II	Core (2018 Batch)	CUTM1780	Internship	18	
BSc Paramedics	Optometry	Basket II	Core	CUTM1781	Geometric Optics	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1782	Ocular Anatomy	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1783	Ocular Physiology	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1784	Physical Optics	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1785	Introduction to Optometry	2	1 1 0
BSc Paramedics	Optometry	Basket II	Core	CUTM1786	Visual Optics –I	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1787	Optometric Optics –I	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1788	Ocular Diseases –I	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1789	Ocular Microbiology & Pathology	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1790	Clinical Examination Of Visual System Lab	2	0+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1791	Visual Optics –II	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1792	Optometric Optics –II & Dispensing Optics	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1793	Contact Lenses-I	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1794	Ocular Diseases –II	4	3+0+1
BSc Paramedics	Optometry	Basket II	Core	CUTM1795	Contact Lenses-II	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1796	Binocular Vision –I	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1797	Low Vision & Rehabilitation	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1798	Basic & Ocular Pharmacology	4	3+0+1
BSc Paramedics	Optometry	Basket II	Core	CUTM1799	Binocular Vision –II	5	3+2+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1800	Pediatric & Geriatric Optometry	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1801	Systemic Diseases & Eye	4	3+0+1
BSc Paramedics	Optometry	Basket II	Core	CUTM1802	Occupational Optometry	3	2+0+1
BSc Paramedics	Optometry	Basket II	Core	CUTM1803	Optometric Instruments	4	3+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1804	Public Health & Community Optometry	3	2+1+0
BSc Paramedics	Optometry	Basket II	Core	CUTM1805	Law & Optometry	3	2+0+1
BSc Paramedics	Optometry	Basket II	Core (PKD & BBSR Campus)	CUTM1806	Contact lens	4	2+2+0

BSc Paramedics	Optometry/ BSc EMT	Basket II	Core (AP Campus)	CUTM1807	Medical Psychology	3	2+0+1
BSc Paramedics	Optometry	Basket II	Core (PKD & BBSR)	CUTM1808	Dispensing Optometry	3	2+1+0
BSc Paramedics	Optometry	Basket II	Core (2017 Batch)	CUTM1809	Project	18	
BSc Paramedics	Optometry	Basket II	Core (2017 Batch)	CUTM1810	Internship	20	
BSc Paramedics	AT-OT	Basket II	Core	CUTM1811	Introduction to Microbiology	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1812	Pathology	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1813	Pharmacology	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT/ BSc OTT	Basket II	Core	CUTM1814	Basics in Medical Physics & Electronics	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1815	Basics of Nursing	5	3+2+0
BSc Paramedics	BSc AT-OT/ BSc AT/ BSc OTT	Basket II	Core	CUTM1816	Introduction to Anesthesia and OT Technology	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1817	Applied Anatomy and Physiology Related to Anesthesia Technology	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc OTT/ BSc EMT	Basket II	Core	CUTM1818	Basic Principles of Hospital Management	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1819	Clinical Practices in Hospital- I	6	0+4+2
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1820	Pharmacology related to Anesthesia Technology	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1821	Concepts of Diseases and Techniques in Regional & General Anesthesia Including Complications medical	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT/ BSc OTT	Basket II	Core	CUTM1822	Anesthesia Techniques Including Complication	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1823	Clinical Practices in Hospital- II	6	0+4+2
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1824	Anesthesia for Specialty Surgeries	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1825	Anesthesia for Patients with Medical disorders	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1826	Clinical practices in hospital- III	6	0+4+2
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1827	Anesthesia for specialties(Including Critical Care Assistance and Ventilation) Paper – II	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1828	Post Anesthesia Care Unit	4	3+0+1
BSc Paramedics	BSc AT-OT/ BSc AT	Basket II	Core	CUTM1829	Health Care Management	4	3+0+1
BSc Paramedics	AT-OT	Basket II	Core	CUTM1830	Clinical Practices in Hospital- IV	6	0+4+2
BSc Paramedics	AT-OT	Basket II	Core (For 2018 Batch)	CUTM1831	Internship & Project- I	28	Comprehensive viva

BSc Paramedics	AT-OT	Basket II	Core (For 2018 Batch)	CUTM1832	Internship & Project- II	28	Comprehensive viva
BSc Paramedics	BSc AT	Basket II	Core	CUTM1833	Clinical Hospital Practice for AT- I	4	0+4+0
BSc Paramedics	BSc AT	Basket II	Core	CUTM1834	Clinical Hospital Practice for AT- II	4	0+4+0
BSc Paramedics	BSc AT	Basket II	Core	CUTM1835	Clinical Hospital Practice for AT- III	4	0+4+0
BSc Paramedics	BSc AT	Basket II	Core	CUTM1836	Clinical Hospital Practice for AT- IV	4	0+4+0
BSc Paramedics	BSc AT	Basket II	Core	CUTM1837	Internship	12	
BSc Paramedics	BSc AT	Basket II	Core	CUTM1838	Project	12	
BSc Paramedics	BSc OTT/ BSc EMT	Basket II	Core	CUTM1839	Medical Terminology and Record keeping	3	2+0+1
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1840	Practical orientation on Community and Health care sector industry	3	2+0+1
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1841	Basics of Surgical procedures	3	2+1+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1842	CSSD Procedures	3	2+1+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1843	Advance Surgical Techniques	3	2+1+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1844	Basic Intensive Care	3	2+1+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1845	Clinical Practices in Hospital for OTT- I	4	0+4+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1846	Clinical Practices in Hospital for OTT- II	4	0+4+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1847	Clinical Practices in Hospital for OTT- III	4	0+4+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1848	Clinical Practices in Hospital for OTT- IV	4	0+4+0
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1849	Project	12	
BSc Paramedics	BSc OTT	Basket II	Core	CUTM1850	Internship	12	
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1851	Introduction to Emergency Services- Part I	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1852	Emergency Department Equipment Part - I	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1853	Emergency Department Pharmacology Part-I	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1854	Introduction to Emergency Services - Part II	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1855	Emergency Department Equipment -Part II	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1856	Emergency Department Pharmacology-Part II	4	2+2+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1857	Psychiatric, Geriatric & Obstetric Emergencies	2	2+0+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1858	Medical Emergencies - Part I	4	3+1+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1859	Medical Emergencies- Part II	4	3+1+0
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1860	Project	12	
BSc Paramedics	BSc EMT	Basket II	Core	CUTM1861	Internship	12	
Pharmacy/ BSc Paramedics	BSc OTT/ BSc EMT	Basket II	Core	CUTM1862	Hospital and Clinical Pharmacy	5	3+2+0
IBM Cyber Security and Forensic						37	25+6+6
		Basket V		CUTM1863	Information Security Fundamentals	2	2+0+0
		Basket V		CUTM1864	Physical Security	2	2+0+0
		Basket V		CUTM1865	IT Systems Security	3	2+1+0

		Basket V		CUTM1866	IT Application Security	4	3+1+0
		Basket V		CUTM1867	IT Data security	4	3+1+0
		Basket V		CUTM1868	IT Network Security	4	3+1+0
		Basket V		CUTM1869	IT Business Continuity & Disaster Recovery Planning	3	3+0+0
		Basket V		CUTM1870	Ethical Hacking & Penetration Testing	4	3+1+0
		Basket V		CUTM1871	Digital Forensics	5	4+1+0
		Basket V		CUTM1872	Minor Project	2	0+0+2
		Basket V		CUTM1873	Major Project	4	0+0+4

Vocational

Diploma	CSE	Basket IV		CUTM1874	IT Infrastructure Management	5	2+2+1
Diploma	CSE	Basket IV		CUTM1875	Operating System Concepts	2	0+1+1
Diploma	Civil	Basket IV		CUTM1876	Structural Detailing and Drawing	3	2+1+0
Diploma	Mining	Basket IV		CUTM1877	Drilling and Blasting Methods	2	2+0+0
Diploma	All	Basket III		CUTM1878	Building Information Modeling	4	0+2+2

BCA/BSc(IT/CTIS)

B.Sc/BCA	IT/CTIS	Basket I	Core	CUTM1879	OOPs with C ++ Programming	6	2+3+1
B.Sc	IT	Basket I	Core	CUTM1880	IT Infrastructure Management	6	2+2+2
B.Sc/BCA	IT	Basket I	Core	CUTM1881	Java Technologies	6	3+2+1
B.Sc/BCA	IT/CTIS	Basket I	Core	CUTM1882	Data Structures using C++	6	2+3+1
B.Sc	IT	Basket I	Core	CUTM1883	Database Creation and Maintenance	6	3+2+1
B.Sc/BCA	IT	Basket I	Core	CUTM1884	Operating System Concepts	6	2+2+2
B.Sc	IT/CTIS	Basket I	Core	CUTM1885	Wireless Networks	6	3+3+0
B.Sc	IT	Basket I	Core	CUTM1886	Mathematical Problem Solving	6	3+3+0
B.Sc	IT/CTIS	Basket I	Core	CUTM1887	Information Security	6	3+3+0
B.Sc	IT	Basket I	Core	CUTM1888	Database Cluster Administration and Security	6	3+2+1
B.Sc	IT/CTIS	Basket I	Core	CUTM1889	Advanced Web Programming	6	2+3+1
B.Sc	IT	Basket I	Core	CUTM1890	Formal Language and Automata Theory	6	4+2+0
B.Sc	IT/CTIS	Basket I	Core	CUTM1891	Android App Development	6	3+3+0
B.Sc	IT/CTIS	Basket I	Core	CUTM1892	Cloud Practitioners	6	3+3+0
B.Sc	CTIS	Basket I	core	CUTM1893	Advanced Hacking Techniques	6	3+3+0
B.Sc	CTIS	Basket I	Core	CUTM1894	Server and Network Security	6	3+3+0
BCA	BCA	Basket I	Core	CUTM1895	Office Automation	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1896	Fundamentals Of Computer	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1897	Computer System Architecture	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1898	Programming In Python	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1899	Fundamentals Of Algorithm Design And Analysis	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1900	Computer Communication And Networking	6	3+2+1

BCA	BCA	Basket I	Core	CUTM1901	Internet and Web Technology	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1902	Introduction To Software Engineering	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1903	Dot Net Technology	6	3+2+1
BCA	BCA	Basket I	Core	CUTM1904	Database Management Systems	6	4+2+0
BTech	All	Basket V		CUTM1905	Internship	2	0+0+2
BTech	All	Basket V		CUTM1906	Minor Project	2	0+0+2
BTech	Mining	Basket V		CUTM1913	HEMM Maintenance	6	1+4+1
BTech	Mining	Basket V		CUTM1914	Introduction to Mechantronics	4	1+2+1
BTech	Mining	Basket V		CUTM1915	Mine Machinery I	2	2+0+0
BTech	Mining	Basket V		CUTM1916	Mine Machinery II	2	2+0+0
BTech	Mining	Basket V		CUTM1917	Mine Planning and Design	2	2+0+0
BTech	Mining	Basket V		CUTM1918	Mine Planning and Design Practical	2	2+0+0
BTech	Mining	Basket V		CUTM1919	Software Application in Mines	3	0+2+1
BTech	Mining	Basket V		CUTM1920	Mine Excursion -I	1	0+0+1
BTech	Mining	Basket V		CUTM1921	Mine Excursion -II	1	0+0+1
BTech	Mining	Basket V		CUTM1922	Internship I	2	0+0+2
BTech	Mining	Basket V		CUTM1923	Internship II	2	0+0+2
BTech	Mining	Basket V		CUTM1924	Project	3	0+0+3

DOMAIN							
CUTM	A/B/D	Basket V	Domain	MLCU2000	Data Science and Machine Learning	26	2+9+15
				CUML2000	Data Analysis and Visualisation Using Python	4	0+1+3
				CUML2001	Machine Learning using Python	4	1+2+1
				CUML2002	ML for Predictive Analysis	4	1+2+1
				CUML2003	ML for Image Analytics	6	0+4+2
				CUML2004	ML for Hyperspectral imaging	6	0+4+2
				CUML2005	Internship	4	0+0+4
				CUML2006	Project	4	0+0+4
CUTM	A/B	Basket V	Domain	STCU2010	Software Technology	20	0+7+13
				CUST2010	Web Services Using JAVA	5	0+4+1
				CUST2011	Advanced JAVA Programming	4	0+3+1
				CUST2012	Web Programming Using AngularJS	3	0+2+1
				CUST2013	Product Development	8	0+0+8
CUTM	A/B	Basket V	Domain	ASCU2020	Aerial Survey and Remote Sensing Applications	18	4+10+4
				CUAS2020	Remote Sensing & Digital Image Processing	4	2+2+0
				CUAS2021	Geospatial Technology and its Application	4	2+2+0
				CUAS2022	Photogrammetry and its Application	2	0+2+0
				CUAS2023	Lidar Remote sensing and its Applications	2	0+2+0

				CUAS2024	Hyper-spectral Remote Sensing and its Application	2	0+2+0
				CUAS2025	Project	4	0+0+4
CUTM	B	Basket V	Domain	CTCU2030	Cloud Technology	18	4--8--6
				CUCT2030	AWS Solution Architect (SAA-CO2)	6	2+4+0
				CUCT2031	AWS Developer (DVA-CO1)	6	2+4+0
				CUCT2032	Project	6	0+0+6
CUTM	B	Basket V	Domain	CSCU2040	Cyber Security	24	8+10+6
				CUCS2040	Linux Administration	4	2+2+0
				CUCS2041	Advanced Hacking Techniques	5	2+3+0
				CUCS2042	System and Network Security	5	2+3+0
				CUCS2043	IT Data Security	4	2+2+0
				CUCS2044	Project	6	0+0+6
CUTM	B	Basket V	Domain	ESCU2050	Embedded System Design	18	3+9+6
				CUES2050	Micro-Controller Based Embedded System Design	4	1+3+0
				CUES2051	Real-Time Operating System and Porting	4	1+3+0
				CUES2052	Embedded Linux on ARM	4	1+3+0
				CUES2053	Project	6	0+0+6
CUTM	A/B/D	Basket V	Domain	ARCU2060	Gaming and Immersive Learning (AR & VR)	20	5+5+10
				CUAR2060	Introduction to Gaming & Simulation	2	1+1+0
				CUAR2061	Game Assets & Game Objects	3	1+1+1
				CUAR2062	Building Game Environment	3	1+1+1
				CUAR2063	Game Animation, Scripting & UI	3	1+1+1
				CUAR2064	Binary Deployment and Cross-Platform Controls	3	1+1+1
				CUAR2065	Project	6	0+0+6
CUTM	B	Basket V	Domain	VLCU2070	Chip Design and Fabrication using VLSI	18	6+6+6
				CUVL2070	ASIC Design	3	2+1+0
				CUVL2071	Digital VLSI	4	2+2+0
				CUVL2072	Analog VLSI	3	2+1+0
				CUVL2073	Verification Using SystemVerilog	2	0+2+0
				CUVL2074	Project	6	0+0+6
CUTM	B	Basket V	Domain	CSCU2080	Communication Systems	18	4+8+6
				CUCS2080	Smart Phone Trouble shooting and Repair	2	0+2+0
				CUCS2081	Satellite & TV Communications	3	2+1+0
				CUCS2082	RF Planning and Drive Test	2	0+2+0
				CUCS2083	Cell site and BTS Installation	2	0+2+0
				CUCS2084	Microwave & RADAR Communications	3	2+1+0
				CUCS2085	Project	6	0+0+6

CUTM	B	Basket V	Domain	EGCU2090	Operation and Maintenance of Electrical Grid System & Transformers	24	6+14+4
				CUEG2090	Introduction, Power Scenario, Power Quality & Fault clearance	2	1+1+0
				CUEG2091	Switchyard & substation Networks	3	1+2+0
				CUEG2092	Protection scheme & Switchgear	3	1+2+0
				CUEG2093	Cable system & Testing,	3	1+2+0
				CUEG2094	Power Markets	1	1+0+0
				CUEG2095	Grid Safety	2	0+2+0
				CUEG2096	Transformer Manufacturing	6	1+5+0
				CUEG2097	Project	4	0+0+4
CUTM	B	Basket V	Domain	IACU2100	Industrial Automation	24	5+9+10
				CUIA2100	Introduction to Industrial Automation	1	1+0+0
				CUIA2101	Advanced Programming & Control Blocks of PLC	3	1+2+0
				CUIA2102	Control & Signal Wiring of PLC	2	0+2+0
				CUIA2103	SCADA based advanced features	2	1+1+0
				CUIA2104	SCADA & PLC based sequential control	1	0+1+0
				CUIA2105	Human Machine Interface	3	1+2+0
				CUIA2106	OPC server base data fetching & control	2	1+1+0
				CUIA2107	Project	6	0+0+6
				CUIA2108	Internship	4	0+0+4
CUTM	A/B	Basket V	Domain	CUCP2110	Construction Planning Monitoring and Project Management	16	4+6+6
				CUCP2110	Study of Drawings and Plan	2	0+2+0
				CUCP2111	Project Scheduling & Management	2	0+2+0
				CUCP2112	Site Study And Study on Contract Laws	2	0+2+0
				CUCP2113	Concepts Of Quality Control and Checking	2	0+2+0
				CUCP2114	Quantity Estimation and Equipment Management	2	0+2+0
				CUCP2115	Site Supervision Project	6	0+0+6
CUTM	A/B	Basket V	Domain	SDCU2120	Architectural and Structural Design	20	0+15+5
				CUSD2120	Critical Thinking and Presenting it with Digital Platform	3	0+3+0
				CUSD2121	Scope to Enrich by Exposing them to BIM Modelling	5	0+5+0
				CUSD2122	Design and Failure Analysis of Structure	5	0+5+0
				CUSD2123	Amalgamation of Architecture and Civil Requirements using Generative Apps	2	0+2+0
				CUSD2124	Project	5	0+0+5

CUTM	A/B	Basket V	Domain	CDCU2130	Composite Design and Manufacturing	24	6+12+6
				CUCD2130	Introduction to composites	2	2+0+0
				CUCD2131	Composite materials and characterization techniques	2	0+2+0
				CUCD2132	CATIA-Composites Design	4	0+4+0
				CUCD2133	Composite Product Validation; Simulia (Abaqus FEA)	4	0+4+0
				CUCD2134	Machineries and Technologies used for Manufacturing of Composites	2	2+0+0
				CUCD2135	Quality control and Fabrication of Composite Structure	4	2+2+0
				CUCD2136	Project	6	0+0+6
CUTM	A/B/D	Basket V	Domain	GMCU2140	GO-TO-MARKET	22	4+10+8
				CUGM2140	Design Thinking and Managing Innovation Through GATE Process	3	1+2+0
				CUGM2141	PLM Tools on Dassault Platform	8	2+6+0
				CUGM2142	Process Management (Using Enovia)	3	1+2+0
				CUGM2143	Product Development	8	0+0+8
CUTM	A/B	Basket V	Domain	CMCU2150	Manufacturing (Conventional, CNC and Additive)	26	2+16+8
				CUCM2150	Manufacturing Requirements and Planning	2	2+0+0
				CUCM2151	Conventional Machining for Cylindrical and Prismatic Shape Components	6	0+4+2
				CUCM2152	CNC Machining	8	0+6+2
				CUCM2153	Non-Traditional Machining and 3D Printing	4	0+2+2
				CUCM2154	Wood Engineering	2	0+2+0
				CUCM2155	Internship	4	0+0+4
CUTM	A/B	Basket V	Domain	WICU2160	Welding and Inspection	22	8+8+6
				CUWI2160	Joining Processes and Technology	6	2+2+2
				CUWI2161	Metal Transfer and Weld Metallurgy	4	2+2+0
				CUWI2162	Design of Welded Joints	6	2+2+2
				CUWI2163	Testing of Welded Joints	6	2+2+2
CUTM	A/B	Basket V	Domain	AECU2170	Automobile Engineering	24	7+7+10
				CUAE2170	Introduction to Automobile Engineering	3	2+1+0
				CUAE2171	Subsystems of Automobile	5	3+2+0
				CUAE2172	Electric Vehicles	3	2+1+0
				CUAE2173	Maintenance of Automobile	3	0+3+0
				CUAE2174	Project	6	0+0+6
				CUAE2175	Internship	4	0+0+4
CUTM	A/B	BASKET V	Domain	CFCU2180	Computational Fluid Dynamics	18	2+8+8

				CUCF2180	Introduction to CFD	3	2+0+1
				CUCF2181	Grid Generation	2	0+2+0
				CUCF2182	Flow Solver Techniques-Simulia	3	0+2+1
				CUCF2183	Simulation and Validation	4	0+4+0
				CUCF2184	Industry Specific Project and/or Internship	6	0+0+6
CUTM	A/B	Basket V	Domain	RECU2190	Renewable Energy Applications	22	4+8+10
				CURE2190	Materials for Renewable Energy applications	2	1+1+0
				CURE2191	Renewable Energy Technology for Industrial Process	3	1+2+0
				CURE2192	Micro-grid Design & Implementation	2	0+2+0
				CURE2193	Hybrid Renewable Energy Systems	3	1+2+0
				CURE2194	Solar Off-grid Entrepreneur	2	1+1+0
				CURE2195	Project	6	0+0+6
				CURE2196	Internship	4	0+0+4
CUTM	A/B/D	Basket V	Domain	DACU2200	Data Analytics- Visualisation	20	0+14+6
				CUDA2200	Story Telling Using Visualisation and Data Requirements	2	0+2+0
				CUDA2201	Python Libraries: Pandas	4	0+4+0
				CUDA2202	Visualisation with Matplotlib, Plotly and Seaborn	3	0+3+0
				CUDA2203	Interactive Data Visualisation with Bokeh	4	0+2+2
				CUDA2204	Infographics and Dashboard	3	0+3+0
				CUDA2205	Project	4	0+0+4
CUTM	A/B/D	Basket V	Domain	BACU2210	Business Analytics	18	0+12+6
				CUBA2210	Tableau	4	0+4+0
				CUBA2211	Business analytics through Excel	4	0+4+0
				CUBA2212	Google analytics	4	0+4+0
				CUBA2213	Project	6	0+0+6
CUTM	A/B	Basket V	Domain	FMCU2220	Smart Farm Machinery	28	6+9+13
				CUFM2220	Product Development Brief	2	0+1+1
				CUFM2221	Sensor, Actuators and Robot Operating Systems	4	2+2+0
				CUFM2222	Farm Machinery Design	3	2+0+1
				CUFM2223	Piloting a Drone	3	1+2+0
				CUFM2224	PLM using Dassault Tools	3	1+2+0
				CUFM2225	Testing of Farm Machinery	3	0+2+1
				CUFM2226	Product Development Project	10	0+0+10
CUTM	A	Basket V	Domain	OFCU2230	Organic Farming	29	3+15+11
				CUOF2230	Organic Farming	3	1+2+0
				CUOF2231	Certification and Inspection Systems in Organic Farming in India.	3	1+2+0

				CUOF2232	Biopesticides and Biofertilizers	3	1+2+0
				CUOF2233	Organic Production- Field Crops	3	0+3+0
				CUOF2234	Organic Production- Horticultural Crops	3	0+3+0
				CUOF2235	Biofertilizer and Biopesticide Production Technology	3	0+3+0
				CUOF2236	AELP Project	11	0+0+11
CUTM	A/B	Basket V	Domain	DPCU2240	Dairy Processing and Development	28	3+15+10
				CUDP2240	Milk Processing in Dairy Industry	3	1+2+0
				CUDP2241	Dairy Starters in Fermented Milk Products	3	1+2+0
				CUDP2242	Quality Assurance in Dairy Industry	3	1+2+0
				CUDP2243	Dairy Products Development	3	0+3+0
				CUDP2244	Symbiotic Dairy Foods	3	0+3+0
				CUDP2245	Quality Analysis of Milk and Milk Products	3	0+3+0
				CUDP2246	Project & Industrial Internship	10	0+0+10
CUTM	A	Basket V	Domain	AQCU2250	Intensive Aquaculture	29	3+15+11
				CUAQ2250	Intensive Fish Rearing	3	1+2+0
				CUAQ2251	Ornamental Fish Farming	3	1+2+0
				CUAQ2252	Biofloc Aquaculture	3	1+2+0
				CUAQ2253	Framing of SOPs for Intensive Fish Culture and Ornamental Fish Culture	3	0+3+0
				CUAQ2254	Health Management in Aquaculture	3	0+3+0
				CUAQ2255	Feed Management in Aquaculture	3	0+3+0
				CUAQ2256	Aquaculture Rearing	11	0+0+11
CUTM	A	Basket V	Domain	SPCU2260	Seed Production using Manual and Molecular Methods	29	3+15+11
				CUSP2260	Breeding methods: Conventional and Molecular Approach	3	1+2+0
				CUSP2261	Seed Production of Vegetable and Cereals Crops	3	1+2+0
				CUSP2262	Seed Certification	3	1+2+0
				CUSP2263	Hybridization Techniques	3	0+3+0
				CUSP2264	Vegetable Seed Production	3	0+3+0
				CUSP2265	Cultivar Purity and Seed Quality Testing	3	0+3+0
				CUSP2266	AELP Project	11	0+0+11
CUTM	A	Basket V	Domain	GECU2270	Genetic Engineering & Genomics	29	3+15+11
				CUGE2270	Computational Biology	3	1+2+0
				CUGE2271	Genetic Engineering and its applications	3	1+2+0
				CUGE2272	Plant Molecular Biology	3	1+2+0
				CUGE2273	Molecular Genomics	3	0+3+0
				CUGE2274	Plant Tissue Culture Technologies	3	0+3+0

				CUGE2275	Techniques in Molecular Biology	3	0+3+0
				CUGE2276	AELP Project	11	0+0+11
CUTM	A/C	Basket V	Domain	NUCU2280	Nutraceuticals	29	3+9+17
				CUNU2280	Introduction to Nutraceutical	3	1+2+0
				CUNU2281	Functional Food	3	1+2+0
				CUNU2282	Nutrigenetics	3	1+2+0
				CUNU2283	Development of Personalized Food and Medicine	3	0+1+2
				CUNU2284	Development of Biopesticides and Biofertilizers	3	0+1+2
				CUNU2285	Development of Immune Boosters	3	0+1+2
				CUNU2286	AELP Project	11	0+0+11
CUTM	A/B		Domain	AGCU2290	SMART Agriculture	29	3+6+20
				CUAG2290	Applied Hi-tech Horticulture	3	1+2+0
				CUAG2291	Protected Cultivation of Vegetable Crops	3	1+2+0
				CUAG2292	High-tech Fruit Culture	3	1+2+0
				CUAG2293	Management of High-value Cut-flowers	3	0+3+0
				CUAG2294	Management of Crops in Hydroponics	3	0+3+0
				CUAG2295	Use of Smart Tools for Precision Crop Management	3	0+3+0
				CUAG2296	AELP Project	11	0+0+11
CUTM	A/B	Basket V	Domain	PHCU2300	Protected Horticulture	29	3+15+11
				CUPH2300	Applied Hi-tech Horticulture	3	1+2+0
				CUPH2301	Protected Cultivation of Vegetable Crops	3	1+2+0
				CUPH2302	High Tech Fruit Culture	3	1+2+0
				CUPH2303	Production Technology of Cut Flowers & Loose Flowers	3	0+3+0
				CUPH2304	Protected Floriculture	3	0+3+0
				CUPH2305	Production Management of Medicinal and Aromatic Crops	3	0+3+0
				CUPH2306	AELP Domain	11	0+0+11
CUTM	A/B/D	Basket V	Domain	FPCU2310	Food Processing	29	3+15+11
				CUFP2310	Processing Technology of Cereals and Millets	3	1+2+0
				CUFP2311	Processing Technology of Legumes and Oilseeds	3	1+2+0
				CUFP2312	Processing Technology of Fruits, Vegetables, Spices and Condiments	3	1+2+0
				CUFP2313	Product Development and Packaging Technologies	3	0+3+0
				CUFP2314	Food Standards and Regulations and HACCP Systems	3	0+3+0
				CUFP2315	Sensory Evaluation and Nutritional Labelling of Foods	3	0+3+0
				CUFP2316	AELP Project	11	0+0+11

CUTM	A/B/D	Basket V	Domain	ABCU2320	Agri Business Management	23	2+0+21
				CUAB2320	Agri Food Markets and Value Chain Analysis	3	1+0+2
				CUAB2321	Agri Input Marketing	3	1+0+2
				CUAB2322	Rural Haat and Market Analysis	2	0+0+2
				CUAB2323	Community Owned and Managed Agri Businesses	2	0+0+2
				CUAB2324	Agri Warehouse Management	2	0+0+2
				CUAB2325	Sales and Distribution of Agrifood Products	11	0+0+11
CUTM	A/B/D	Basket V	Domain	FSCU2330	Commodity and Food Storage	29	3+15+11
				CUFS2330	Storage Entomology	3	1+2+0
				CUFS2331	Seed Pathology	3	1+2+0
				CUFS2332	Post-harvest Biochemistry and Physiology of Crops	3	1+2+0
				CUFS2333	Recent Trends in Post-harvest Technology	3	0+3+0
				CUFS2334	Pest Management Techniques in Storage	3	0+3+0
				CUFS2335	Post-harvest Storage of Fruits and Vegetables	3	0+3+0
				CUFS2336	AELP Project	11	0+0+11
CUTM	A/B	Basket V	Domain	SWCU2340	Soil and Water Conservation through Watershed	28	4+11+13
				CUSW2340	Rainwater Harvesting and Artificial Recharge	3	1+2+0
				CUSW2341	Integrated Watershed Management	3	2+1+0
				CUSW2342	Sustainable Watershed	3	1+2+0
				CUSW2343	R programming in Watershed Hydrology	3	0+2+1
				CUSW2344	Modelling and Simulation of Watershed Processes	3	0+2+1
				CUSW2345	Geo-spatial Application in Watershed Management	3	0+2+1
				CUSW2346	Industrial Internship	10	0+0+10
CUTM	MDA RUDM	Basket V	Domain	CUDM2350	Workshops	30	0+0+30
				CUDM2351	Agri Markets and Value chain Analysis	3	1+0+2
				CUDM2352	Agri Input Marketing	3	1+0+2
				CUDM2353	Poverty Reduction Strategies	2	0+0+2
				CUDM2354	Agriculture Banking	2	0+0+2
				CUDM2355	Extension Strategies for Development	2	0+0+2
				CUDM2356	Skill Ecosystem development	2	0-0-2
				CUDM2357	Local Governance systems	2	0-0-2
				CUDM2358	Rural Haat & Market Analysis	2	0-0-2
				CUDM2359	Community Owned and Managed Agri Businesses	2	0-0-2
				CUDM2360	Corporate Social Responsibility	2	0-0-2
				CUDM2361	Disaster Management	2	0-0-2
				CUDM2362	Management of Rural Health	2	0-0-2
				CUDM2363	Management of Rural Education	2	0-0-2
				CUDM2364	Sustainable Rural Livelihoods	2	0-0-2

				CUDM2365	Managing Watersheds	2	0-0-2
				CUDM2366	M&E of Development Projects	2	0-0-2
				CUDM2367	Issues in Tribal Development	2	0-0-2
				CUDM2368	Fund Raising for Social Cause	2	0-0-2
CUTM	MDA AGBM	Basket V	Domain		Workshops		
				CUDM2369	Grading and Quality management for Agri-produce	2	0-0-2
				CUDM2370	Online platforms and Apps in Agriculture Extension	2	0-0-2
				CUDM2371	Dairy and Poultry Management	2	0-0-2
				CUDM2372	Agri-warehouse Management	2	0-0-2
				CUDM2373	Rural Haat & Market Analysis	2	0-0-2
				CUDM2374	Community Owned and Managed Agri- businesses	2	0-0-2
				CUDM2375	Smart crop Management	2	0-0-2
				CUDM2376	Agri-Business Entrepreneurship	2	0-0-2
				CUDM2377	Food Retail Management	2	0-0-2
				CUDM2378	Commodity Market & Trading	2	0-0-2
				CUDM2379	Regulations for Agri input and Output Market	2	0-0-2
				CUDM2380	Organic Farm Management	2	0-0-2
				CUDM2381	Organizing a Conference	2	0-0-2

Last code

