JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech II semester [R16] Regular Examinations April-2019

College name: VASAVI,TADEPALLIGUDEM:A8

Htno	Subcode	Subname	Grade	Credits
14A81A0399	R1632031	METROLOGY	F	0
14A81A0399	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
14A81A0399	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
14A81A0399	R1632034	HEAT TRANSFER	F	0
14A81A0399	R1632036	HEAT TRANSFER LAB	A	2
14A81A0399	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
14A81A0399	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
14A81A0399	R163203D	GREEN ENGINEERING SYSTEMS	D	3
14A81A0434	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
14A81A0434	R1632042	MICRO WAVE ENGINEERING	ABSENT	0
14A81A0434	R1632043	VLSI DESIGN	ABSENT	0
14A81A0434	R1632044	DIGITAL SIGNAL PROCESSING	F	0
14A81A0434	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	F	0
14A81A0434	R1632047	VLSI LAB	A	2
14A81A0434	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
14A81A0434	R163204A	OOPS THROUGH JAVA	F	0
15A81A0137	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
15A81A0137	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
15A81A0137	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
15A81A0137	R1632014	WATER RESOURCE ENGINEERING -I	F	0
15A81A0137	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
15A81A0137	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
15A81A0137	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
15A81A0137	R163201B	DBMS	F	0
15A81A0331	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	ABSENT	0
15A81A0331	R1632031	METROLOGY	D	3
15A81A0331	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0331	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
15A81A0331	R1632034	HEAT TRANSFER	F	0
15A81A0331	R1632036	HEAT TRANSFER LAB	B	2
15A81A0331	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0331	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	C	2
15A81A0331	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0364	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	F	0
15A81A0364	R1632031	METROLOGY	F	0
15A81A0364	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0364	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
15A81A0364	R1632034	HEAT TRANSFER	F	0
15A81A0364	R1632036	HEAT TRANSFER LAB	A	2
15A81A0364	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0364	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
15A81A0364	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0372	R1632031	METROLOGY	F	0
15A81A0372	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0372	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0

Htno	Subcode	Subname	Grade	Credits
15A81A0372	R1632034	HEAT TRANSFER	F	0
15A81A0372	R1632036	HEAT TRANSFER LAB	B	2
15A81A0372	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0372	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
15A81A0372	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0376	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	F	0
15A81A0376	R1632031	METROLOGY	D	3
15A81A0376	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0376	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
15A81A0376	R1632034	HEAT TRANSFER	F	0
15A81A0376	R1632036	HEAT TRANSFER LAB	A	2
15A81A0376	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0376	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
15A81A0376	R163203D	GREEN ENGINEERING SYSTEMS	C	3
15A81A0379	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	F	0
15A81A0379	R1632031	METROLOGY	C	3
15A81A0379	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0379	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
15A81A0379	R1632034	HEAT TRANSFER	F	0
15A81A0379	R1632036	HEAT TRANSFER LAB	S	2
15A81A0379	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
15A81A0379	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	C	2
15A81A0379	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0387	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	F	0
15A81A0387	R1632031	METROLOGY	F	0
15A81A0387	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0387	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
15A81A0387	R1632034	HEAT TRANSFER	F	0
15A81A0387	R1632036	HEAT TRANSFER LAB	B	2
15A81A0387	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0387	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
15A81A0387	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0388	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	F	0
15A81A0388	R1632031	METROLOGY	F	0
15A81A0388	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0388	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
15A81A0388	R1632034	HEAT TRANSFER	F	0
15A81A0388	R1632036	HEAT TRANSFER LAB	A	2
15A81A0388	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0388	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
15A81A0388	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0390	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	ABSENT	0
15A81A0390	R1632031	METROLOGY	F	0
15A81A0390	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
15A81A0390	R1632033	REFRIGERATION & AIR-CONDITIONING	ABSENT	0
15A81A0390	R1632034	HEAT TRANSFER	F	0
15A81A0390	R1632036	HEAT TRANSFER LAB	C	2
15A81A0390	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
15A81A0390	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
15A81A0390	R163203D	GREEN ENGINEERING SYSTEMS	F	0
15A81A0434	P1632043	DIGITAL COMMUNICATIONS	ABSENT	0

Htno	Subcode	Subname	Grade	Credits
15A81A0434	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
15A81A0434	R1632042	MICRO WAVE ENGINEERING	F	0
15A81A0434	R1632043	VLSI DESIGN	ABSENT	0
15A81A0434	R1632044	DIGITAL SIGNAL PROCESSING	ABSENT	0
15A81A0434	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	ABSENT	0
15A81A0434	R1632047	VLSI LAB	ABSENT	0
15A81A0434	R1632048	DIGITAL COMMUNICATIONS LAB	ABSENT	0
15A81A0434	R163204A	OOPS THROUGH JAVA	F	0
15A81A0452	P1632043	DIGITAL COMMUNICATIONS	ABSENT	0
15A81A0452	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
15A81A0452	R1632042	MICRO WAVE ENGINEERING	F	0
15A81A0452	R1632043	VLSI DESIGN	ABSENT	0
15A81A0452	R1632044	DIGITAL SIGNAL PROCESSING	ABSENT	0
15A81A0452	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	ABSENT	0
15A81A0452	R1632047	VLSI LAB	ABSENT	0
15A81A0452	R1632048	DIGITAL COMMUNICATIONS LAB	ABSENT	0
15A81A0452	R163204A	OOPS THROUGH JAVA	F	0
15A81A0475	P1632043	DIGITAL COMMUNICATIONS	B	3
15A81A0475	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
15A81A0475	R1632042	MICRO WAVE ENGINEERING	B	3
15A81A0475	R1632043	VLSI DESIGN	D	3
15A81A0475	R1632044	DIGITAL SIGNAL PROCESSING	D	3
15A81A0475	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
15A81A0475	R1632047	VLSI LAB	O	2
15A81A0475	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
15A81A0475	R163204A	OOPS THROUGH JAVA	S	3
15A81A0535	R1632051	COMPUTER NETWORKS	ABSENT	0
15A81A0535	R1632052	DATA WAREHOUSING AND MINING	ABSENT	0
15A81A0535	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	ABSENT	0
15A81A0535	R1632054	SOFTWARE TESTING METHODOLOGIES	ABSENT	0
15A81A0535	R1632056	NETWORK PROGRAMMING LAB	ABSENT	0
15A81A0535	R1632057	SOFTWARE TESTING LAB	ABSENT	0
15A81A0535	R1632058	DATA WAREHOUSING AND MINING LAB	ABSENT	0
15A81A0535	R163205A	ARTIFICIAL INTELLIGENCE	ABSENT	0
15A81A05E9	R1632051	COMPUTER NETWORKS	F	0
15A81A05E9	R1632052	DATA WAREHOUSING AND MINING	F	0
15A81A05E9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
15A81A05E9	R1632054	SOFTWARE TESTING METHODOLOGIES	ABSENT	0
15A81A05E9	R1632056	NETWORK PROGRAMMING LAB	D	2
15A81A05E9	R1632057	SOFTWARE TESTING LAB	A	2
15A81A05E9	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
15A81A05E9	R163205A	ARTIFICIAL INTELLIGENCE	ABSENT	0
15A81A05J3	R1632051	COMPUTER NETWORKS	F	0
15A81A05J3	R1632052	DATA WAREHOUSING AND MINING	F	0
15A81A05J3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	ABSENT	0
15A81A05J3	R1632054	SOFTWARE TESTING METHODOLOGIES	ABSENT	0
15A81A05J3	R1632056	NETWORK PROGRAMMING LAB	D	2
15A81A05J3	R1632057	SOFTWARE TESTING LAB	B	2
15A81A05J3	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
15A81A05J3	R163205A	ARTIFICIAL INTELLIGENCE	ABSENT	0
15A81A05M4	R1632051	COMPUTER NETWORKS	A	3

Htno	Subcode	Subname	Grade	Credits
15A81A05M4	R1632052	DATA WAREHOUSING AND MINING	D	3
15A81A05M4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
15A81A05M4	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
15A81A05M4	R1632056	NETWORK PROGRAMMING LAB	A	2
15A81A05M4	R1632057	SOFTWARE TESTING LAB	S	2
15A81A05M4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
15A81A05M4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
15A81A05N7	R1632051	COMPUTER NETWORKS	B	3
15A81A05N7	R1632052	DATA WAREHOUSING AND MINING	C	3
15A81A05N7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
15A81A05N7	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
15A81A05N7	R1632056	NETWORK PROGRAMMING LAB	A	2
15A81A05N7	R1632057	SOFTWARE TESTING LAB	S	2
15A81A05N7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
15A81A05N7	R163205A	ARTIFICIAL INTELLIGENCE	D	3
169P1A0562	R1632051	COMPUTER NETWORKS	C	3
169P1A0562	R1632052	DATA WAREHOUSING AND MINING	A	3
169P1A0562	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
169P1A0562	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
169P1A0562	R1632056	NETWORK PROGRAMMING LAB	S	2
169P1A0562	R1632057	SOFTWARE TESTING LAB	S	2
169P1A0562	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
169P1A0562	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A0101	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0101	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0101	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0101	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0101	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
16A81A0101	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0101	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0101	R163201B	DBMS	F	0
16A81A0102	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0102	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0102	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0102	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0102	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0102	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0102	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0102	R163201B	DBMS	F	0
16A81A0103	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0103	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0103	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0103	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0103	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0103	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0103	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0103	R163201B	DBMS	F	0
16A81A0104	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	O	3
16A81A0104	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0104	R1632013	ENVIRONMENTAL ENGINEERING -I	O	3
16A81A0104	R1632014	WATER RESOURCE ENGINEERING -I	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0104	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0104	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0104	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0104	R163201B	DBMS	C	3
16A81A0105	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0105	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0105	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0105	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0105	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0105	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0105	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0105	R163201B	DBMS	F	0
16A81A0106	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0106	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0106	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0106	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0106	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0106	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0106	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0106	R163201B	DBMS	D	3
16A81A0107	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	D	3
16A81A0107	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0107	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0107	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0107	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0107	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0107	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0107	R163201B	DBMS	D	3
16A81A0108	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	S	3
16A81A0108	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0108	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
16A81A0108	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0108	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0108	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0108	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0108	R163201B	DBMS	D	3
16A81A0109	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0109	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0109	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0109	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0109	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0109	R1632017	ENVIRONMENTAL ENGINEERING LAB	F	0
16A81A0109	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
16A81A0109	R163201B	DBMS	F	0
16A81A0111	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0111	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0111	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0111	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0111	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0111	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0111	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0111	R163201B	DBMS	F	0
16A81A0112	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0112	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0112	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0112	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0112	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0112	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
16A81A0112	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0112	R163201B	DBMS	D	3
16A81A0114	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0114	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0114	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0114	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0114	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
16A81A0114	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
16A81A0114	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0114	R163201B	DBMS	F	0
16A81A0115	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0115	R1632012	GEOTECHNICAL ENGINEERING - I	A	3
16A81A0115	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0115	R1632014	WATER RESOURCE ENGINEERING -I	B	3
16A81A0115	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0115	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
16A81A0115	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0115	R163201B	DBMS	D	3
16A81A0116	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0116	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0116	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0116	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0116	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0116	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
16A81A0116	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0116	R163201B	DBMS	D	3
16A81A0117	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	D	3
16A81A0117	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0117	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0117	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0117	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0117	R1632017	ENVIRONMENTAL ENGINEERING LAB	C	2
16A81A0117	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0117	R163201B	DBMS	F	0
16A81A0118	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0118	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0118	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0118	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0118	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0118	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0118	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0118	R163201B	DBMS	D	3
16A81A0119	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0119	R1632012	GEOTECHNICAL ENGINEERING - I	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0119	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0119	R1632014	WATER RESOURCE ENGINEERING -I	C	3
16A81A0119	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0119	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0119	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0119	R163201B	DBMS	D	3
16A81A0120	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0120	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0120	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0120	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0120	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0120	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
16A81A0120	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0120	R163201B	DBMS	F	0
16A81A0121	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0121	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0121	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0121	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0121	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
16A81A0121	R1632017	ENVIRONMENTAL ENGINEERING LAB	F	0
16A81A0121	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
16A81A0121	R163201B	DBMS	F	0
16A81A0122	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0122	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0122	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0122	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0122	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0122	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0122	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0122	R163201B	DBMS	F	0
16A81A0123	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
16A81A0123	R1632012	GEOTECHNICAL ENGINEERING - I	S	3
16A81A0123	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
16A81A0123	R1632014	WATER RESOURCE ENGINEERING -I	S	3
16A81A0123	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0123	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0123	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0123	R163201B	DBMS	B	3
16A81A0124	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0124	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0124	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0124	R1632014	WATER RESOURCE ENGINEERING -I	C	3
16A81A0124	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0124	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0124	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0124	R163201B	DBMS	C	3
16A81A0125	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0125	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0125	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0125	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0125	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0125	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0125	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0125	R163201B	DBMS	F	0
16A81A0126	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0126	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0126	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0126	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0126	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0126	R1632017	ENVIRONMENTAL ENGINEERING LAB	D	2
16A81A0126	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
16A81A0126	R163201B	DBMS	F	0
16A81A0127	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0127	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0127	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0127	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0127	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
16A81A0127	R1632017	ENVIRONMENTAL ENGINEERING LAB	F	0
16A81A0127	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
16A81A0127	R163201B	DBMS	F	0
16A81A0128	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0128	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0128	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0128	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0128	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0128	R1632017	ENVIRONMENTAL ENGINEERING LAB	ABSENT	0
16A81A0128	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0128	R163201B	DBMS	F	0
16A81A0129	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0129	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
16A81A0129	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
16A81A0129	R1632014	WATER RESOURCE ENGINEERING -I	C	3
16A81A0129	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0129	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0129	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0129	R163201B	DBMS	B	3
16A81A0130	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0130	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0130	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0130	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0130	R1632016	GEOTECHNICAL ENGINEERING LAB	A	2
16A81A0130	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
16A81A0130	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0130	R163201B	DBMS	F	0
16A81A0131	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0131	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0131	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0131	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0131	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0131	R1632017	ENVIRONMENTAL ENGINEERING LAB	C	2
16A81A0131	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0131	R163201B	DBMS	F	0

Htno	Subcode	Subname	Grade	Credits
16A81A0132	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0132	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0132	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0132	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0132	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0132	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0132	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
16A81A0132	R163201B	DBMS	F	0
16A81A0133	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
16A81A0133	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
16A81A0133	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0133	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0133	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0133	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0133	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0133	R163201B	DBMS	D	3
16A81A0134	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	A	3
16A81A0134	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0134	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0134	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0134	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0134	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0134	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0134	R163201B	DBMS	F	0
16A81A0136	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0136	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
16A81A0136	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0136	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0136	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0136	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
16A81A0136	R1632018	COMPUTER AIDED ENGINEERING LAB	F	0
16A81A0136	R163201B	DBMS	D	3
16A81A0137	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
16A81A0137	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0137	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0137	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0137	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0137	R1632017	ENVIRONMENTAL ENGINEERING LAB	C	2
16A81A0137	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
16A81A0137	R163201B	DBMS	F	0
16A81A0138	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0138	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0138	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0138	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0138	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0138	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0138	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0138	R163201B	DBMS	D	3
16A81A0139	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0139	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0139	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0139	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0139	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0139	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0139	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0139	R163201B	DBMS	F	0
16A81A0140	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	A	3
16A81A0140	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
16A81A0140	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
16A81A0140	R1632014	WATER RESOURCE ENGINEERING -I	C	3
16A81A0140	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0140	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
16A81A0140	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0140	R163201B	DBMS	D	3
16A81A0141	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0141	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
16A81A0141	R1632013	ENVIRONMENTAL ENGINEERING -I	S	3
16A81A0141	R1632014	WATER RESOURCE ENGINEERING -I	B	3
16A81A0141	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0141	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0141	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
16A81A0141	R163201B	DBMS	B	3
16A81A0142	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	D	3
16A81A0142	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0142	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
16A81A0142	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0142	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0142	R1632017	ENVIRONMENTAL ENGINEERING LAB	C	2
16A81A0142	R1632018	COMPUTER AIDED ENGINEERING LAB	C	2
16A81A0142	R163201B	DBMS	F	0
16A81A0143	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
16A81A0143	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0143	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
16A81A0143	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0143	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0143	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
16A81A0143	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0143	R163201B	DBMS	F	0
16A81A0144	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0144	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
16A81A0144	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
16A81A0144	R1632014	WATER RESOURCE ENGINEERING -I	F	0
16A81A0144	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A81A0144	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A81A0144	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
16A81A0144	R163201B	DBMS	F	0
16A81A0145	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
16A81A0145	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
16A81A0145	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
16A81A0145	R1632014	WATER RESOURCE ENGINEERING -I	D	3
16A81A0145	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
16A81A0145	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0145	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A81A0145	R163201B	DBMS	F	0
16A81A0201	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0201	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0201	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0201	R1632024	DATA STRUCTURES	D	3
16A81A0201	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0201	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0201	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0201	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0202	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0202	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0202	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0202	R1632024	DATA STRUCTURES	A	3
16A81A0202	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0202	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0202	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0202	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0203	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0203	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0203	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0203	R1632024	DATA STRUCTURES	F	0
16A81A0203	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0203	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0203	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0203	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
16A81A0204	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0204	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0204	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0204	R1632024	DATA STRUCTURES	B	3
16A81A0204	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0204	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0204	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0204	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0205	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	S	3
16A81A0205	R1632022	POWER SYSTEM ANALYSIS	S	3
16A81A0205	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
16A81A0205	R1632024	DATA STRUCTURES	S	3
16A81A0205	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0205	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0205	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0205	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	O	3
16A81A0206	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0206	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0206	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0206	R1632024	DATA STRUCTURES	C	3
16A81A0206	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0206	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0206	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0206	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0207	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0207	R1632022	POWER SYSTEM ANALYSIS	A	3
16A81A0207	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
16A81A0207	R1632024	DATA STRUCTURES	B	3
16A81A0207	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0207	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0207	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0207	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0208	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0208	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0208	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0208	R1632024	DATA STRUCTURES	F	0
16A81A0208	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0208	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0208	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0208	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
16A81A0209	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0209	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0209	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0209	R1632024	DATA STRUCTURES	D	3
16A81A0209	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0209	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0209	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0209	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0210	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0210	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0210	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0210	R1632024	DATA STRUCTURES	B	3
16A81A0210	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0210	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0210	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0210	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0211	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0211	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0211	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0211	R1632024	DATA STRUCTURES	C	3
16A81A0211	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0211	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0211	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0211	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0212	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0212	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0212	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0212	R1632024	DATA STRUCTURES	B	3
16A81A0212	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0212	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0212	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0212	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0214	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0214	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0214	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0214	R1632024	DATA STRUCTURES	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0214	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0214	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0214	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0214	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0215	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0215	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0215	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0215	R1632024	DATA STRUCTURES	F	0
16A81A0215	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0215	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0215	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0215	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0216	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0216	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0216	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
16A81A0216	R1632024	DATA STRUCTURES	A	3
16A81A0216	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0216	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0216	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0216	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	O	3
16A81A0219	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0219	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0219	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0219	R1632024	DATA STRUCTURES	O	3
16A81A0219	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0219	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0219	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0219	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0220	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	S	3
16A81A0220	R1632022	POWER SYSTEM ANALYSIS	A	3
16A81A0220	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0220	R1632024	DATA STRUCTURES	A	3
16A81A0220	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0220	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0220	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0220	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0221	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0221	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0221	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0221	R1632024	DATA STRUCTURES	D	3
16A81A0221	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0221	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0221	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0221	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0222	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0222	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0222	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0222	R1632024	DATA STRUCTURES	D	3
16A81A0222	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0222	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0222	R1632028	DATA STRUCTURES LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0222	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0223	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0223	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0223	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0223	R1632024	DATA STRUCTURES	F	0
16A81A0223	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0223	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0223	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0223	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
16A81A0224	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0224	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0224	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0224	R1632024	DATA STRUCTURES	D	3
16A81A0224	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0224	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0224	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0224	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0225	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0225	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0225	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0225	R1632024	DATA STRUCTURES	C	3
16A81A0225	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0225	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0225	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0225	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0226	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0226	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0226	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	S	3
16A81A0226	R1632024	DATA STRUCTURES	C	3
16A81A0226	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0226	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0226	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0226	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	O	3
16A81A0227	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0227	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0227	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0227	R1632024	DATA STRUCTURES	F	0
16A81A0227	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0227	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0227	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0227	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
16A81A0228	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0228	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0228	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0228	R1632024	DATA STRUCTURES	D	3
16A81A0228	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0228	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0228	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0228	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0229	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0229	R1632022	POWER SYSTEM ANALYSIS	S	3

Htno	Subcode	Subname	Grade	Credits
16A81A0229	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
16A81A0229	R1632024	DATA STRUCTURES	A	3
16A81A0229	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0229	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0229	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0229	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0230	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0230	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0230	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0230	R1632024	DATA STRUCTURES	D	3
16A81A0230	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0230	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0230	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0230	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0231	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	S	3
16A81A0231	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0231	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0231	R1632024	DATA STRUCTURES	B	3
16A81A0231	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0231	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0231	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0231	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0232	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0232	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0232	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0232	R1632024	DATA STRUCTURES	C	3
16A81A0232	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0232	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0232	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0232	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0233	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0233	R1632022	POWER SYSTEM ANALYSIS	S	3
16A81A0233	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	S	3
16A81A0233	R1632024	DATA STRUCTURES	O	3
16A81A0233	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0233	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0233	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0233	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0234	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0234	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0234	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0234	R1632024	DATA STRUCTURES	F	0
16A81A0234	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0234	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0234	R1632028	DATA STRUCTURES LABORATORY	B	2
16A81A0234	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0235	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0235	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0235	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0235	R1632024	DATA STRUCTURES	F	0
16A81A0235	R1632026	POWER ELECTRONICS LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
16A81A0235	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0235	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0235	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
16A81A0236	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0236	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0236	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0236	R1632024	DATA STRUCTURES	D	3
16A81A0236	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0236	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0236	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0236	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0238	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0238	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0238	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0238	R1632024	DATA STRUCTURES	S	3
16A81A0238	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0238	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0238	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0238	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0240	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0240	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0240	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0240	R1632024	DATA STRUCTURES	D	3
16A81A0240	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0240	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0240	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0240	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0241	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0241	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0241	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0241	R1632024	DATA STRUCTURES	A	3
16A81A0241	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0241	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0241	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0241	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0242	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0242	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0242	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0242	R1632024	DATA STRUCTURES	D	3
16A81A0242	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0242	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0242	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0242	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0243	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0243	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0243	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0243	R1632024	DATA STRUCTURES	D	3
16A81A0243	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0243	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0243	R1632028	DATA STRUCTURES LABORATORY	A	2
16A81A0243	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0245	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0245	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0245	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0245	R1632024	DATA STRUCTURES	D	3
16A81A0245	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0245	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0245	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0245	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0247	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0247	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0247	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0247	R1632024	DATA STRUCTURES	F	0
16A81A0247	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0247	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0247	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0247	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
16A81A0248	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0248	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0248	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0248	R1632024	DATA STRUCTURES	B	3
16A81A0248	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0248	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0248	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0248	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0249	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0249	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0249	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0249	R1632024	DATA STRUCTURES	C	3
16A81A0249	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0249	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0249	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0249	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0250	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0250	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0250	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0250	R1632024	DATA STRUCTURES	D	3
16A81A0250	R1632026	POWER ELECTRONICS LABORATORY	B	2
16A81A0250	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0250	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0250	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0251	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0251	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0251	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0251	R1632024	DATA STRUCTURES	A	3
16A81A0251	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0251	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0251	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0251	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0252	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0252	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0252	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0252	R1632024	DATA STRUCTURES	B	3
16A81A0252	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0252	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0252	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0252	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0253	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0253	R1632022	POWER SYSTEM ANALYSIS	S	3
16A81A0253	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	S	3
16A81A0253	R1632024	DATA STRUCTURES	S	3
16A81A0253	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0253	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0253	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0253	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0254	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0254	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0254	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0254	R1632024	DATA STRUCTURES	D	3
16A81A0254	R1632026	POWER ELECTRONICS LABORATORY	B	2
16A81A0254	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0254	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0254	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0257	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0257	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0257	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0257	R1632024	DATA STRUCTURES	C	3
16A81A0257	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0257	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0257	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0257	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0258	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0258	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0258	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0258	R1632024	DATA STRUCTURES	A	3
16A81A0258	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0258	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0258	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0258	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0259	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
16A81A0259	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0259	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0259	R1632024	DATA STRUCTURES	B	3
16A81A0259	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0259	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0259	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0259	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0260	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0260	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0260	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0260	R1632024	DATA STRUCTURES	D	3
16A81A0260	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0260	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0260	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0260	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0261	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0261	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0261	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0261	R1632024	DATA STRUCTURES	F	0
16A81A0261	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0261	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0261	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0261	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0262	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0262	R1632022	POWER SYSTEM ANALYSIS	A	3
16A81A0262	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0262	R1632024	DATA STRUCTURES	B	3
16A81A0262	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0262	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0262	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0262	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0263	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0263	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0263	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0263	R1632024	DATA STRUCTURES	D	3
16A81A0263	R1632026	POWER ELECTRONICS LABORATORY	B	2
16A81A0263	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0263	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0263	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0264	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0264	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0264	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0264	R1632024	DATA STRUCTURES	C	3
16A81A0264	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0264	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0264	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0264	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0265	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0265	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0265	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0265	R1632024	DATA STRUCTURES	F	0
16A81A0265	R1632026	POWER ELECTRONICS LABORATORY	B	2
16A81A0265	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0265	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0265	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
16A81A0267	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0267	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0267	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0267	R1632024	DATA STRUCTURES	C	3
16A81A0267	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0267	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0267	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0267	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0268	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0268	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0268	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0268	R1632024	DATA STRUCTURES	D	3
16A81A0268	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0268	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0268	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0268	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0269	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0269	R1632022	POWER SYSTEM ANALYSIS	A	3
16A81A0269	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
16A81A0269	R1632024	DATA STRUCTURES	C	3
16A81A0269	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0269	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0269	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0269	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0270	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0270	R1632022	POWER SYSTEM ANALYSIS	C	3
16A81A0270	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0270	R1632024	DATA STRUCTURES	D	3
16A81A0270	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0270	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0270	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0270	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0271	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0271	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0271	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0271	R1632024	DATA STRUCTURES	B	3
16A81A0271	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0271	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0271	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0271	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0272	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0272	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0272	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0272	R1632024	DATA STRUCTURES	F	0
16A81A0272	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0272	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0272	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0272	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0273	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0273	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0273	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
16A81A0273	R1632024	DATA STRUCTURES	B	3
16A81A0273	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0273	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0273	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0273	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
16A81A0276	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0276	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0276	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0276	R1632024	DATA STRUCTURES	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0276	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0276	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0276	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0276	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
16A81A0278	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0278	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0278	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0278	R1632024	DATA STRUCTURES	C	3
16A81A0278	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0278	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0278	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0278	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0279	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0279	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0279	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0279	R1632024	DATA STRUCTURES	F	0
16A81A0279	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0279	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0279	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0279	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0280	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0280	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0280	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0280	R1632024	DATA STRUCTURES	D	3
16A81A0280	R1632026	POWER ELECTRONICS LABORATORY	A	2
16A81A0280	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0280	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0280	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0281	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0281	R1632022	POWER SYSTEM ANALYSIS	F	0
16A81A0281	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0281	R1632024	DATA STRUCTURES	F	0
16A81A0281	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0281	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0281	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0281	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0282	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0282	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0282	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0282	R1632024	DATA STRUCTURES	C	3
16A81A0282	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0282	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A81A0282	R1632028	DATA STRUCTURES LABORATORY	O	2
16A81A0282	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
16A81A0283	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A81A0283	R1632022	POWER SYSTEM ANALYSIS	B	3
16A81A0283	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0283	R1632024	DATA STRUCTURES	C	3
16A81A0283	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0283	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0283	R1632028	DATA STRUCTURES LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0283	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0284	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
16A81A0284	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0284	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
16A81A0284	R1632024	DATA STRUCTURES	B	3
16A81A0284	R1632026	POWER ELECTRONICS LABORATORY	O	2
16A81A0284	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0284	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0284	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0285	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
16A81A0285	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0285	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A81A0285	R1632024	DATA STRUCTURES	C	3
16A81A0285	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0285	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
16A81A0285	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0285	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
16A81A0287	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
16A81A0287	R1632022	POWER SYSTEM ANALYSIS	D	3
16A81A0287	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
16A81A0287	R1632024	DATA STRUCTURES	C	3
16A81A0287	R1632026	POWER ELECTRONICS LABORATORY	S	2
16A81A0287	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
16A81A0287	R1632028	DATA STRUCTURES LABORATORY	S	2
16A81A0287	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
16A81A0301	R1632031	METROLOGY	B	3
16A81A0301	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0301	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0301	R1632034	HEAT TRANSFER	D	3
16A81A0301	R1632036	HEAT TRANSFER LAB	S	2
16A81A0301	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0301	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0301	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0302	R1632031	METROLOGY	A	3
16A81A0302	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0302	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
16A81A0302	R1632034	HEAT TRANSFER	A	3
16A81A0302	R1632036	HEAT TRANSFER LAB	O	2
16A81A0302	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0302	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0302	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0303	R1632031	METROLOGY	A	3
16A81A0303	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0303	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0303	R1632034	HEAT TRANSFER	C	3
16A81A0303	R1632036	HEAT TRANSFER LAB	S	2
16A81A0303	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0303	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0303	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0305	R1632031	METROLOGY	C	3
16A81A0305	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0305	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0305	R1632034	HEAT TRANSFER	F	0
16A81A0305	R1632036	HEAT TRANSFER LAB	A	2
16A81A0305	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0305	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0305	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0306	R1632031	METROLOGY	B	3
16A81A0306	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0306	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0306	R1632034	HEAT TRANSFER	A	3
16A81A0306	R1632036	HEAT TRANSFER LAB	O	2
16A81A0306	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0306	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0306	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0307	R1632031	METROLOGY	F	0
16A81A0307	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0307	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0307	R1632034	HEAT TRANSFER	F	0
16A81A0307	R1632036	HEAT TRANSFER LAB	S	2
16A81A0307	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0307	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0307	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0308	R1632031	METROLOGY	B	3
16A81A0308	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0308	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
16A81A0308	R1632034	HEAT TRANSFER	B	3
16A81A0308	R1632036	HEAT TRANSFER LAB	O	2
16A81A0308	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0308	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0308	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0309	R1632031	METROLOGY	B	3
16A81A0309	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0309	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0309	R1632034	HEAT TRANSFER	C	3
16A81A0309	R1632036	HEAT TRANSFER LAB	O	2
16A81A0309	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0309	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0309	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0311	R1632031	METROLOGY	F	0
16A81A0311	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0311	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0311	R1632034	HEAT TRANSFER	F	0
16A81A0311	R1632036	HEAT TRANSFER LAB	A	2
16A81A0311	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0311	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0311	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0313	R1632031	METROLOGY	C	3
16A81A0313	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0313	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0313	R1632034	HEAT TRANSFER	F	0
16A81A0313	R1632036	HEAT TRANSFER LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0313	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0313	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0313	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0314	R1632031	METROLOGY	B	3
16A81A0314	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0314	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0314	R1632034	HEAT TRANSFER	C	3
16A81A0314	R1632036	HEAT TRANSFER LAB	A	2
16A81A0314	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0314	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0314	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0315	R1632031	METROLOGY	B	3
16A81A0315	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0315	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0315	R1632034	HEAT TRANSFER	C	3
16A81A0315	R1632036	HEAT TRANSFER LAB	O	2
16A81A0315	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0315	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0315	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0316	R1632031	METROLOGY	F	0
16A81A0316	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0316	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0316	R1632034	HEAT TRANSFER	F	0
16A81A0316	R1632036	HEAT TRANSFER LAB	A	2
16A81A0316	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0316	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	D	2
16A81A0316	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0317	R1632031	METROLOGY	C	3
16A81A0317	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0317	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0317	R1632034	HEAT TRANSFER	D	3
16A81A0317	R1632036	HEAT TRANSFER LAB	S	2
16A81A0317	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0317	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0317	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0319	R1632031	METROLOGY	F	0
16A81A0319	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0319	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0319	R1632034	HEAT TRANSFER	F	0
16A81A0319	R1632036	HEAT TRANSFER LAB	A	2
16A81A0319	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0319	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	C	2
16A81A0319	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0320	R1632031	METROLOGY	D	3
16A81A0320	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0320	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0320	R1632034	HEAT TRANSFER	F	0
16A81A0320	R1632036	HEAT TRANSFER LAB	S	2
16A81A0320	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0320	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0320	R163203D	GREEN ENGINEERING SYSTEMS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0321	R1632031	METROLOGY	F	0
16A81A0321	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0321	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0321	R1632034	HEAT TRANSFER	F	0
16A81A0321	R1632036	HEAT TRANSFER LAB	A	2
16A81A0321	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0321	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0321	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0322	R1632031	METROLOGY	F	0
16A81A0322	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	D	3
16A81A0322	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0322	R1632034	HEAT TRANSFER	F	0
16A81A0322	R1632036	HEAT TRANSFER LAB	A	2
16A81A0322	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0322	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0322	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0323	R1632031	METROLOGY	C	3
16A81A0323	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0323	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0323	R1632034	HEAT TRANSFER	D	3
16A81A0323	R1632036	HEAT TRANSFER LAB	O	2
16A81A0323	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0323	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0323	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0324	R1632031	METROLOGY	O	3
16A81A0324	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0324	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0324	R1632034	HEAT TRANSFER	C	3
16A81A0324	R1632036	HEAT TRANSFER LAB	O	2
16A81A0324	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0324	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0324	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0325	R1632031	METROLOGY	F	0
16A81A0325	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0325	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0325	R1632034	HEAT TRANSFER	F	0
16A81A0325	R1632036	HEAT TRANSFER LAB	O	2
16A81A0325	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0325	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0325	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0326	R1632031	METROLOGY	C	3
16A81A0326	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0326	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0326	R1632034	HEAT TRANSFER	D	3
16A81A0326	R1632036	HEAT TRANSFER LAB	S	2
16A81A0326	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0326	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0326	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0327	R1632031	METROLOGY	A	3
16A81A0327	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0327	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0327	R1632034	HEAT TRANSFER	A	3
16A81A0327	R1632036	HEAT TRANSFER LAB	O	2
16A81A0327	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0327	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0327	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0328	R1632031	METROLOGY	C	3
16A81A0328	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0328	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0328	R1632034	HEAT TRANSFER	A	3
16A81A0328	R1632036	HEAT TRANSFER LAB	S	2
16A81A0328	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0328	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0328	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0329	R1632031	METROLOGY	B	3
16A81A0329	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0329	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0329	R1632034	HEAT TRANSFER	D	3
16A81A0329	R1632036	HEAT TRANSFER LAB	S	2
16A81A0329	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0329	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0329	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0330	R1632031	METROLOGY	ABSENT	0
16A81A0330	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0330	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0330	R1632034	HEAT TRANSFER	F	0
16A81A0330	R1632036	HEAT TRANSFER LAB	F	0
16A81A0330	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0330	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	ABSENT	0
16A81A0330	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0331	R1632031	METROLOGY	B	3
16A81A0331	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0331	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0331	R1632034	HEAT TRANSFER	C	3
16A81A0331	R1632036	HEAT TRANSFER LAB	O	2
16A81A0331	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0331	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0331	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0332	R1632031	METROLOGY	S	3
16A81A0332	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0332	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0332	R1632034	HEAT TRANSFER	A	3
16A81A0332	R1632036	HEAT TRANSFER LAB	S	2
16A81A0332	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0332	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0332	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0333	R1632031	METROLOGY	B	3
16A81A0333	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0333	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0333	R1632034	HEAT TRANSFER	C	3
16A81A0333	R1632036	HEAT TRANSFER LAB	S	2
16A81A0333	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0333	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0333	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0334	R1632031	METROLOGY	F	0
16A81A0334	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0334	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0334	R1632034	HEAT TRANSFER	F	0
16A81A0334	R1632036	HEAT TRANSFER LAB	S	2
16A81A0334	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0334	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0334	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0335	R1632031	METROLOGY	F	0
16A81A0335	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0335	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0335	R1632034	HEAT TRANSFER	F	0
16A81A0335	R1632036	HEAT TRANSFER LAB	A	2
16A81A0335	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0335	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0335	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0337	R1632031	METROLOGY	C	3
16A81A0337	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0337	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0337	R1632034	HEAT TRANSFER	D	3
16A81A0337	R1632036	HEAT TRANSFER LAB	O	2
16A81A0337	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0337	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0337	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0338	R1632031	METROLOGY	B	3
16A81A0338	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0338	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0338	R1632034	HEAT TRANSFER	B	3
16A81A0338	R1632036	HEAT TRANSFER LAB	O	2
16A81A0338	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0338	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0338	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0339	R1632031	METROLOGY	F	0
16A81A0339	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0339	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0339	R1632034	HEAT TRANSFER	F	0
16A81A0339	R1632036	HEAT TRANSFER LAB	S	2
16A81A0339	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0339	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0339	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0340	R1632031	METROLOGY	C	3
16A81A0340	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0340	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0340	R1632034	HEAT TRANSFER	D	3
16A81A0340	R1632036	HEAT TRANSFER LAB	S	2
16A81A0340	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0340	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0340	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0341	R1632031	METROLOGY	F	0

Htno	Subcode	Subname	Grade	Credits
16A81A0341	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0341	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0341	R1632034	HEAT TRANSFER	D	3
16A81A0341	R1632036	HEAT TRANSFER LAB	A	2
16A81A0341	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0341	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0341	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0342	R1632031	METROLOGY	C	3
16A81A0342	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0342	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0342	R1632034	HEAT TRANSFER	D	3
16A81A0342	R1632036	HEAT TRANSFER LAB	S	2
16A81A0342	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0342	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0342	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0343	R1632031	METROLOGY	C	3
16A81A0343	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0343	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0343	R1632034	HEAT TRANSFER	F	0
16A81A0343	R1632036	HEAT TRANSFER LAB	S	2
16A81A0343	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0343	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0343	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0344	R1632031	METROLOGY	B	3
16A81A0344	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0344	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0344	R1632034	HEAT TRANSFER	D	3
16A81A0344	R1632036	HEAT TRANSFER LAB	S	2
16A81A0344	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0344	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0344	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0345	R1632031	METROLOGY	B	3
16A81A0345	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0345	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0345	R1632034	HEAT TRANSFER	C	3
16A81A0345	R1632036	HEAT TRANSFER LAB	S	2
16A81A0345	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0345	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0345	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0347	R1632031	METROLOGY	F	0
16A81A0347	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0347	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0347	R1632034	HEAT TRANSFER	F	0
16A81A0347	R1632036	HEAT TRANSFER LAB	S	2
16A81A0347	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0347	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0347	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0348	R1632031	METROLOGY	B	3
16A81A0348	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0348	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0348	R1632034	HEAT TRANSFER	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0348	R1632036	HEAT TRANSFER LAB	A	2
16A81A0348	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0348	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0348	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0349	R1632031	METROLOGY	B	3
16A81A0349	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0349	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0349	R1632034	HEAT TRANSFER	C	3
16A81A0349	R1632036	HEAT TRANSFER LAB	S	2
16A81A0349	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0349	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0349	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0350	R1632031	METROLOGY	F	0
16A81A0350	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0350	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0350	R1632034	HEAT TRANSFER	F	0
16A81A0350	R1632036	HEAT TRANSFER LAB	S	2
16A81A0350	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0350	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0350	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0351	R1632031	METROLOGY	D	3
16A81A0351	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0351	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0351	R1632034	HEAT TRANSFER	C	3
16A81A0351	R1632036	HEAT TRANSFER LAB	S	2
16A81A0351	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0351	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0351	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0352	R1632031	METROLOGY	C	3
16A81A0352	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0352	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0352	R1632034	HEAT TRANSFER	C	3
16A81A0352	R1632036	HEAT TRANSFER LAB	S	2
16A81A0352	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0352	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0352	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0353	R1632031	METROLOGY	C	3
16A81A0353	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0353	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0353	R1632034	HEAT TRANSFER	D	3
16A81A0353	R1632036	HEAT TRANSFER LAB	S	2
16A81A0353	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0353	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0353	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0355	R1632031	METROLOGY	C	3
16A81A0355	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0355	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0355	R1632034	HEAT TRANSFER	C	3
16A81A0355	R1632036	HEAT TRANSFER LAB	A	2
16A81A0355	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0355	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0355	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0356	R1632031	METROLOGY	B	3
16A81A0356	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0356	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0356	R1632034	HEAT TRANSFER	C	3
16A81A0356	R1632036	HEAT TRANSFER LAB	S	2
16A81A0356	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0356	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0356	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0358	R1632031	METROLOGY	B	3
16A81A0358	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0358	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0358	R1632034	HEAT TRANSFER	A	3
16A81A0358	R1632036	HEAT TRANSFER LAB	O	2
16A81A0358	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0358	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0358	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0359	R1632031	METROLOGY	A	3
16A81A0359	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0359	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0359	R1632034	HEAT TRANSFER	B	3
16A81A0359	R1632036	HEAT TRANSFER LAB	O	2
16A81A0359	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0359	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0359	R163203D	GREEN ENGINEERING SYSTEMS	S	3
16A81A0360	R1632031	METROLOGY	C	3
16A81A0360	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0360	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0360	R1632034	HEAT TRANSFER	D	3
16A81A0360	R1632036	HEAT TRANSFER LAB	S	2
16A81A0360	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0360	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0360	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0361	R1632031	METROLOGY	D	3
16A81A0361	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0361	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0361	R1632034	HEAT TRANSFER	F	0
16A81A0361	R1632036	HEAT TRANSFER LAB	B	2
16A81A0361	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0361	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0361	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0362	R1632031	METROLOGY	C	3
16A81A0362	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0362	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0362	R1632034	HEAT TRANSFER	D	3
16A81A0362	R1632036	HEAT TRANSFER LAB	A	2
16A81A0362	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0362	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0362	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0363	R1632031	METROLOGY	D	3
16A81A0363	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0363	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0363	R1632034	HEAT TRANSFER	D	3
16A81A0363	R1632036	HEAT TRANSFER LAB	S	2
16A81A0363	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0363	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0363	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0365	R1632031	METROLOGY	B	3
16A81A0365	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0365	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0365	R1632034	HEAT TRANSFER	D	3
16A81A0365	R1632036	HEAT TRANSFER LAB	O	2
16A81A0365	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0365	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0365	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0366	R1632031	METROLOGY	B	3
16A81A0366	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0366	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0366	R1632034	HEAT TRANSFER	B	3
16A81A0366	R1632036	HEAT TRANSFER LAB	O	2
16A81A0366	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0366	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0366	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0367	R1632031	METROLOGY	D	3
16A81A0367	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0367	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0367	R1632034	HEAT TRANSFER	F	0
16A81A0367	R1632036	HEAT TRANSFER LAB	A	2
16A81A0367	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0367	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0367	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0369	R1632031	METROLOGY	F	0
16A81A0369	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0369	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0369	R1632034	HEAT TRANSFER	F	0
16A81A0369	R1632036	HEAT TRANSFER LAB	C	2
16A81A0369	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0369	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0369	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0370	R1632031	METROLOGY	F	0
16A81A0370	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0370	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0370	R1632034	HEAT TRANSFER	F	0
16A81A0370	R1632036	HEAT TRANSFER LAB	D	2
16A81A0370	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0370	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0370	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0371	R1632031	METROLOGY	C	3
16A81A0371	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0371	R1632033	REFRIGERATION & AIR-CONDITIONING	ABSENT	0
16A81A0371	R1632034	HEAT TRANSFER	ABSENT	0
16A81A0371	R1632036	HEAT TRANSFER LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0371	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0371	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0371	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0372	R1632031	METROLOGY	C	3
16A81A0372	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0372	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0372	R1632034	HEAT TRANSFER	D	3
16A81A0372	R1632036	HEAT TRANSFER LAB	A	2
16A81A0372	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0372	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0372	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0373	R1632031	METROLOGY	A	3
16A81A0373	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
16A81A0373	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0373	R1632034	HEAT TRANSFER	C	3
16A81A0373	R1632036	HEAT TRANSFER LAB	O	2
16A81A0373	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0373	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0373	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0374	R1632031	METROLOGY	C	3
16A81A0374	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0374	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0374	R1632034	HEAT TRANSFER	C	3
16A81A0374	R1632036	HEAT TRANSFER LAB	O	2
16A81A0374	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0374	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0374	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0375	R1632031	METROLOGY	B	3
16A81A0375	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0375	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0375	R1632034	HEAT TRANSFER	B	3
16A81A0375	R1632036	HEAT TRANSFER LAB	O	2
16A81A0375	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0375	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0375	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0376	R1632031	METROLOGY	ABSENT	0
16A81A0376	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	ABSENT	0
16A81A0376	R1632033	REFRIGERATION & AIR-CONDITIONING	ABSENT	0
16A81A0376	R1632034	HEAT TRANSFER	ABSENT	0
16A81A0376	R1632036	HEAT TRANSFER LAB	S	2
16A81A0376	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0376	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0376	R163203D	GREEN ENGINEERING SYSTEMS	ABSENT	0
16A81A0377	R1632031	METROLOGY	B	3
16A81A0377	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0377	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0377	R1632034	HEAT TRANSFER	C	3
16A81A0377	R1632036	HEAT TRANSFER LAB	S	2
16A81A0377	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0377	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0377	R163203D	GREEN ENGINEERING SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0379	R1632031	METROLOGY	F	0
16A81A0379	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	F	0
16A81A0379	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0379	R1632034	HEAT TRANSFER	F	0
16A81A0379	R1632036	HEAT TRANSFER LAB	B	2
16A81A0379	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0379	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0379	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0380	R1632031	METROLOGY	A	3
16A81A0380	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0380	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0380	R1632034	HEAT TRANSFER	B	3
16A81A0380	R1632036	HEAT TRANSFER LAB	A	2
16A81A0380	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0380	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0380	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0383	R1632031	METROLOGY	B	3
16A81A0383	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0383	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0383	R1632034	HEAT TRANSFER	C	3
16A81A0383	R1632036	HEAT TRANSFER LAB	S	2
16A81A0383	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0383	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0383	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0384	R1632031	METROLOGY	B	3
16A81A0384	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0384	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0384	R1632034	HEAT TRANSFER	D	3
16A81A0384	R1632036	HEAT TRANSFER LAB	S	2
16A81A0384	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0384	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0384	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0385	R1632031	METROLOGY	D	3
16A81A0385	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0385	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0385	R1632034	HEAT TRANSFER	D	3
16A81A0385	R1632036	HEAT TRANSFER LAB	O	2
16A81A0385	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0385	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0385	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0386	R1632031	METROLOGY	C	3
16A81A0386	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0386	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0386	R1632034	HEAT TRANSFER	D	3
16A81A0386	R1632036	HEAT TRANSFER LAB	C	2
16A81A0386	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0386	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0386	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0387	R1632031	METROLOGY	S	3
16A81A0387	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0387	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0387	R1632034	HEAT TRANSFER	B	3
16A81A0387	R1632036	HEAT TRANSFER LAB	S	2
16A81A0387	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0387	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A0387	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0388	R1632031	METROLOGY	B	3
16A81A0388	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0388	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0388	R1632034	HEAT TRANSFER	D	3
16A81A0388	R1632036	HEAT TRANSFER LAB	A	2
16A81A0388	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0388	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0388	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0389	R1632031	METROLOGY	S	3
16A81A0389	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0389	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0389	R1632034	HEAT TRANSFER	C	3
16A81A0389	R1632036	HEAT TRANSFER LAB	A	2
16A81A0389	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0389	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0389	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0390	R1632031	METROLOGY	A	3
16A81A0390	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A0390	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
16A81A0390	R1632034	HEAT TRANSFER	B	3
16A81A0390	R1632036	HEAT TRANSFER LAB	O	2
16A81A0390	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
16A81A0390	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0390	R163203D	GREEN ENGINEERING SYSTEMS	O	3
16A81A0391	R1632031	METROLOGY	C	3
16A81A0391	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0391	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0391	R1632034	HEAT TRANSFER	F	0
16A81A0391	R1632036	HEAT TRANSFER LAB	S	2
16A81A0391	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A0391	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0391	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A0392	R1632031	METROLOGY	C	3
16A81A0392	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0392	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0392	R1632034	HEAT TRANSFER	D	3
16A81A0392	R1632036	HEAT TRANSFER LAB	S	2
16A81A0392	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0392	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0392	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0393	R1632031	METROLOGY	D	3
16A81A0393	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0393	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0393	R1632034	HEAT TRANSFER	F	0
16A81A0393	R1632036	HEAT TRANSFER LAB	A	2
16A81A0393	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2

Htno	Subcode	Subname	Grade	Credits
16A81A0393	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A0393	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A0394	R1632031	METROLOGY	C	3
16A81A0394	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0394	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0394	R1632034	HEAT TRANSFER	ABSENT	0
16A81A0394	R1632036	HEAT TRANSFER LAB	A	2
16A81A0394	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0394	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0394	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A0395	R1632031	METROLOGY	B	3
16A81A0395	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A0395	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0395	R1632034	HEAT TRANSFER	D	3
16A81A0395	R1632036	HEAT TRANSFER LAB	S	2
16A81A0395	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0395	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0395	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0397	R1632031	METROLOGY	C	3
16A81A0397	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0397	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A0397	R1632034	HEAT TRANSFER	F	0
16A81A0397	R1632036	HEAT TRANSFER LAB	B	2
16A81A0397	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A0397	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0397	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0398	R1632031	METROLOGY	C	3
16A81A0398	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A0398	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
16A81A0398	R1632034	HEAT TRANSFER	D	3
16A81A0398	R1632036	HEAT TRANSFER LAB	A	2
16A81A0398	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0398	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A0398	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A0399	R1632031	METROLOGY	C	3
16A81A0399	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A0399	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A0399	R1632034	HEAT TRANSFER	D	3
16A81A0399	R1632036	HEAT TRANSFER LAB	O	2
16A81A0399	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A0399	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A0399	R163203D	GREEN ENGINEERING SYSTEMS	S	3
16A81A03A0	R1632031	METROLOGY	A	3
16A81A03A0	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A03A0	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A03A0	R1632034	HEAT TRANSFER	B	3
16A81A03A0	R1632036	HEAT TRANSFER LAB	O	2
16A81A03A0	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
16A81A03A0	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
16A81A03A0	R163203D	GREEN ENGINEERING SYSTEMS	A	3
16A81A03A1	R1632031	METROLOGY	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A03A1	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	D	3
16A81A03A1	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A03A1	R1632034	HEAT TRANSFER	F	0
16A81A03A1	R1632036	HEAT TRANSFER LAB	B	2
16A81A03A1	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A03A1	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	B	2
16A81A03A1	R163203D	GREEN ENGINEERING SYSTEMS	F	0
16A81A03A2	R1632031	METROLOGY	F	0
16A81A03A2	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	D	3
16A81A03A2	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A03A2	R1632034	HEAT TRANSFER	F	0
16A81A03A2	R1632036	HEAT TRANSFER LAB	A	2
16A81A03A2	R1632037	METROLOGY & INSTRUMENTATION LAB	B	2
16A81A03A2	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A03A2	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A03A3	R1632031	METROLOGY	B	3
16A81A03A3	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
16A81A03A3	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A03A3	R1632034	HEAT TRANSFER	C	3
16A81A03A3	R1632036	HEAT TRANSFER LAB	O	2
16A81A03A3	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A03A3	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A03A3	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A03A4	R1632031	METROLOGY	D	3
16A81A03A4	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A81A03A4	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A03A4	R1632034	HEAT TRANSFER	F	0
16A81A03A4	R1632036	HEAT TRANSFER LAB	S	2
16A81A03A4	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A03A4	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A81A03A4	R163203D	GREEN ENGINEERING SYSTEMS	D	3
16A81A03A6	R1632031	METROLOGY	B	3
16A81A03A6	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
16A81A03A6	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
16A81A03A6	R1632034	HEAT TRANSFER	D	3
16A81A03A6	R1632036	HEAT TRANSFER LAB	S	2
16A81A03A6	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A03A6	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A03A6	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A03A7	R1632031	METROLOGY	B	3
16A81A03A7	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A03A7	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A03A7	R1632034	HEAT TRANSFER	C	3
16A81A03A7	R1632036	HEAT TRANSFER LAB	S	2
16A81A03A7	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A03A7	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A03A7	R163203D	GREEN ENGINEERING SYSTEMS	B	3
16A81A03A8	R1632031	METROLOGY	C	3
16A81A03A8	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
16A81A03A8	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A81A03A8	R1632034	HEAT TRANSFER	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A03A8	R1632036	HEAT TRANSFER LAB	S	2
16A81A03A8	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A81A03A8	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
16A81A03A8	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16A81A0401	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0401	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0401	R1632043	VLSI DESIGN	S	3
16A81A0401	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0401	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0401	R1632047	VLSI LAB	A	2
16A81A0401	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0401	R163204A	OOPS THROUGH JAVA	A	3
16A81A0402	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0402	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0402	R1632043	VLSI DESIGN	D	3
16A81A0402	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0402	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0402	R1632047	VLSI LAB	B	2
16A81A0402	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0402	R163204A	OOPS THROUGH JAVA	ABSENT	0
16A81A0403	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A0403	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0403	R1632043	VLSI DESIGN	B	3
16A81A0403	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0403	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0403	R1632047	VLSI LAB	O	2
16A81A0403	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0403	R163204A	OOPS THROUGH JAVA	B	3
16A81A0404	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0404	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0404	R1632043	VLSI DESIGN	C	3
16A81A0404	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0404	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0404	R1632047	VLSI LAB	S	2
16A81A0404	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0404	R163204A	OOPS THROUGH JAVA	F	0
16A81A0405	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0405	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0405	R1632043	VLSI DESIGN	B	3
16A81A0405	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0405	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0405	R1632047	VLSI LAB	S	2
16A81A0405	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0405	R163204A	OOPS THROUGH JAVA	B	3
16A81A0406	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0406	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0406	R1632043	VLSI DESIGN	S	3
16A81A0406	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0406	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0406	R1632047	VLSI LAB	O	2
16A81A0406	R1632048	DIGITAL COMMUNICATIONS LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0406	R163204A	OOPS THROUGH JAVA	F	0
16A81A0407	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0407	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0407	R1632043	VLSI DESIGN	F	0
16A81A0407	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0407	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0407	R1632047	VLSI LAB	O	2
16A81A0407	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0407	R163204A	OOPS THROUGH JAVA	B	3
16A81A0409	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0409	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0409	R1632043	VLSI DESIGN	D	3
16A81A0409	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0409	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0409	R1632047	VLSI LAB	S	2
16A81A0409	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0409	R163204A	OOPS THROUGH JAVA	B	3
16A81A0411	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0411	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0411	R1632043	VLSI DESIGN	D	3
16A81A0411	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0411	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0411	R1632047	VLSI LAB	B	2
16A81A0411	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0411	R163204A	OOPS THROUGH JAVA	F	0
16A81A0412	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0412	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0412	R1632043	VLSI DESIGN	D	3
16A81A0412	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0412	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0412	R1632047	VLSI LAB	A	2
16A81A0412	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0412	R163204A	OOPS THROUGH JAVA	F	0
16A81A0413	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0413	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0413	R1632043	VLSI DESIGN	F	0
16A81A0413	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0413	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0413	R1632047	VLSI LAB	O	2
16A81A0413	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0413	R163204A	OOPS THROUGH JAVA	D	3
16A81A0414	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0414	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0414	R1632043	VLSI DESIGN	D	3
16A81A0414	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0414	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0414	R1632047	VLSI LAB	S	2
16A81A0414	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0414	R163204A	OOPS THROUGH JAVA	C	3
16A81A0415	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0415	R1632042	MICRO WAVE ENGINEERING	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0415	R1632043	VLSI DESIGN	A	3
16A81A0415	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0415	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0415	R1632047	VLSI LAB	S	2
16A81A0415	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0415	R163204A	OOPS THROUGH JAVA	C	3
16A81A0416	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0416	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0416	R1632043	VLSI DESIGN	A	3
16A81A0416	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0416	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0416	R1632047	VLSI LAB	A	2
16A81A0416	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0416	R163204A	OOPS THROUGH JAVA	C	3
16A81A0417	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0417	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0417	R1632043	VLSI DESIGN	D	3
16A81A0417	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0417	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0417	R1632047	VLSI LAB	S	2
16A81A0417	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0417	R163204A	OOPS THROUGH JAVA	D	3
16A81A0418	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0418	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0418	R1632043	VLSI DESIGN	D	3
16A81A0418	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0418	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0418	R1632047	VLSI LAB	S	2
16A81A0418	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0418	R163204A	OOPS THROUGH JAVA	D	3
16A81A0419	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0419	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0419	R1632043	VLSI DESIGN	C	3
16A81A0419	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0419	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0419	R1632047	VLSI LAB	A	2
16A81A0419	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0419	R163204A	OOPS THROUGH JAVA	D	3
16A81A0420	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0420	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0420	R1632043	VLSI DESIGN	C	3
16A81A0420	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0420	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0420	R1632047	VLSI LAB	A	2
16A81A0420	R1632048	DIGITAL COMMUNICATIONS LAB	B	2
16A81A0420	R163204A	OOPS THROUGH JAVA	F	0
16A81A0421	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0421	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0421	R1632043	VLSI DESIGN	D	3
16A81A0421	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0421	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0421	R1632047	VLSI LAB	A	2
16A81A0421	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0421	R163204A	OOPS THROUGH JAVA	C	3
16A81A0422	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0422	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0422	R1632043	VLSI DESIGN	C	3
16A81A0422	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0422	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0422	R1632047	VLSI LAB	S	2
16A81A0422	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0422	R163204A	OOPS THROUGH JAVA	A	3
16A81A0423	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0423	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0423	R1632043	VLSI DESIGN	B	3
16A81A0423	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0423	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0423	R1632047	VLSI LAB	S	2
16A81A0423	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0423	R163204A	OOPS THROUGH JAVA	A	3
16A81A0424	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0424	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0424	R1632043	VLSI DESIGN	D	3
16A81A0424	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0424	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0424	R1632047	VLSI LAB	C	2
16A81A0424	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0424	R163204A	OOPS THROUGH JAVA	F	0
16A81A0425	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0425	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0425	R1632043	VLSI DESIGN	F	0
16A81A0425	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0425	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0425	R1632047	VLSI LAB	S	2
16A81A0425	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0425	R163204A	OOPS THROUGH JAVA	D	3
16A81A0426	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A0426	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0426	R1632043	VLSI DESIGN	C	3
16A81A0426	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0426	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0426	R1632047	VLSI LAB	S	2
16A81A0426	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0426	R163204A	OOPS THROUGH JAVA	B	3
16A81A0427	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0427	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0427	R1632043	VLSI DESIGN	A	3
16A81A0427	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0427	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0427	R1632047	VLSI LAB	S	2
16A81A0427	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0427	R163204A	OOPS THROUGH JAVA	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0429	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0429	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0429	R1632043	VLSI DESIGN	D	3
16A81A0429	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0429	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A0429	R1632047	VLSI LAB	C	2
16A81A0429	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0429	R163204A	OOPS THROUGH JAVA	F	0
16A81A0430	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0430	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0430	R1632043	VLSI DESIGN	C	3
16A81A0430	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0430	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0430	R1632047	VLSI LAB	S	2
16A81A0430	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0430	R163204A	OOPS THROUGH JAVA	C	3
16A81A0431	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0431	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0431	R1632043	VLSI DESIGN	D	3
16A81A0431	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0431	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0431	R1632047	VLSI LAB	S	2
16A81A0431	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0431	R163204A	OOPS THROUGH JAVA	C	3
16A81A0432	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0432	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0432	R1632043	VLSI DESIGN	F	0
16A81A0432	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0432	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0432	R1632047	VLSI LAB	A	2
16A81A0432	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0432	R163204A	OOPS THROUGH JAVA	F	0
16A81A0433	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0433	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0433	R1632043	VLSI DESIGN	A	3
16A81A0433	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0433	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0433	R1632047	VLSI LAB	S	2
16A81A0433	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0433	R163204A	OOPS THROUGH JAVA	F	0
16A81A0435	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0435	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0435	R1632043	VLSI DESIGN	D	3
16A81A0435	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0435	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0435	R1632047	VLSI LAB	O	2
16A81A0435	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0435	R163204A	OOPS THROUGH JAVA	B	3
16A81A0436	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0436	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0436	R1632043	VLSI DESIGN	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0436	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0436	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0436	R1632047	VLSI LAB	S	2
16A81A0436	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0436	R163204A	OOPS THROUGH JAVA	F	0
16A81A0437	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0437	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0437	R1632043	VLSI DESIGN	A	3
16A81A0437	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0437	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0437	R1632047	VLSI LAB	O	2
16A81A0437	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0437	R163204A	OOPS THROUGH JAVA	B	3
16A81A0438	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0438	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0438	R1632043	VLSI DESIGN	B	3
16A81A0438	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0438	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0438	R1632047	VLSI LAB	S	2
16A81A0438	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0438	R163204A	OOPS THROUGH JAVA	D	3
16A81A0439	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0439	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0439	R1632043	VLSI DESIGN	D	3
16A81A0439	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0439	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0439	R1632047	VLSI LAB	S	2
16A81A0439	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0439	R163204A	OOPS THROUGH JAVA	B	3
16A81A0440	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0440	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0440	R1632043	VLSI DESIGN	F	0
16A81A0440	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0440	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0440	R1632047	VLSI LAB	S	2
16A81A0440	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0440	R163204A	OOPS THROUGH JAVA	F	0
16A81A0441	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0441	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0441	R1632043	VLSI DESIGN	B	3
16A81A0441	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0441	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0441	R1632047	VLSI LAB	S	2
16A81A0441	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0441	R163204A	OOPS THROUGH JAVA	C	3
16A81A0442	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0442	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0442	R1632043	VLSI DESIGN	A	3
16A81A0442	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0442	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0442	R1632047	VLSI LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0442	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0442	R163204A	OOPS THROUGH JAVA	D	3
16A81A0443	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0443	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0443	R1632043	VLSI DESIGN	F	0
16A81A0443	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0443	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A0443	R1632047	VLSI LAB	B	2
16A81A0443	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0443	R163204A	OOPS THROUGH JAVA	F	0
16A81A0444	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0444	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0444	R1632043	VLSI DESIGN	C	3
16A81A0444	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0444	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0444	R1632047	VLSI LAB	A	2
16A81A0444	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0444	R163204A	OOPS THROUGH JAVA	F	0
16A81A0445	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0445	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0445	R1632043	VLSI DESIGN	B	3
16A81A0445	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0445	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0445	R1632047	VLSI LAB	O	2
16A81A0445	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0445	R163204A	OOPS THROUGH JAVA	B	3
16A81A0446	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0446	R1632042	MICRO WAVE ENGINEERING	ABSENT	0
16A81A0446	R1632043	VLSI DESIGN	F	0
16A81A0446	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0446	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	C	2
16A81A0446	R1632047	VLSI LAB	D	2
16A81A0446	R1632048	DIGITAL COMMUNICATIONS LAB	F	0
16A81A0446	R163204A	OOPS THROUGH JAVA	F	0
16A81A0447	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0447	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0447	R1632043	VLSI DESIGN	D	3
16A81A0447	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0447	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0447	R1632047	VLSI LAB	O	2
16A81A0447	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0447	R163204A	OOPS THROUGH JAVA	C	3
16A81A0448	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0448	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0448	R1632043	VLSI DESIGN	C	3
16A81A0448	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0448	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0448	R1632047	VLSI LAB	O	2
16A81A0448	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0448	R163204A	OOPS THROUGH JAVA	C	3
16A81A0449	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A0449	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0449	R1632043	VLSI DESIGN	C	3
16A81A0449	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0449	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0449	R1632047	VLSI LAB	A	2
16A81A0449	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0449	R163204A	OOPS THROUGH JAVA	D	3
16A81A0450	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0450	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0450	R1632043	VLSI DESIGN	F	0
16A81A0450	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0450	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A0450	R1632047	VLSI LAB	A	2
16A81A0450	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0450	R163204A	OOPS THROUGH JAVA	F	0
16A81A0451	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0451	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0451	R1632043	VLSI DESIGN	D	3
16A81A0451	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0451	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0451	R1632047	VLSI LAB	S	2
16A81A0451	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0451	R163204A	OOPS THROUGH JAVA	A	3
16A81A0452	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0452	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0452	R1632043	VLSI DESIGN	C	3
16A81A0452	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0452	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0452	R1632047	VLSI LAB	O	2
16A81A0452	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0452	R163204A	OOPS THROUGH JAVA	B	3
16A81A0453	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0453	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0453	R1632043	VLSI DESIGN	A	3
16A81A0453	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0453	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0453	R1632047	VLSI LAB	S	2
16A81A0453	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0453	R163204A	OOPS THROUGH JAVA	A	3
16A81A0455	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0455	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0455	R1632043	VLSI DESIGN	C	3
16A81A0455	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0455	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0455	R1632047	VLSI LAB	S	2
16A81A0455	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0455	R163204A	OOPS THROUGH JAVA	D	3
16A81A0456	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0456	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0456	R1632043	VLSI DESIGN	D	3
16A81A0456	R1632044	DIGITAL SIGNAL PROCESSING	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0456	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0456	R1632047	VLSI LAB	S	2
16A81A0456	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0456	R163204A	OOPS THROUGH JAVA	C	3
16A81A0457	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A0457	R1632042	MICRO WAVE ENGINEERING	S	3
16A81A0457	R1632043	VLSI DESIGN	B	3
16A81A0457	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0457	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0457	R1632047	VLSI LAB	O	2
16A81A0457	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0457	R163204A	OOPS THROUGH JAVA	S	3
16A81A0458	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0458	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0458	R1632043	VLSI DESIGN	A	3
16A81A0458	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0458	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0458	R1632047	VLSI LAB	O	2
16A81A0458	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0458	R163204A	OOPS THROUGH JAVA	B	3
16A81A0459	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0459	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0459	R1632043	VLSI DESIGN	B	3
16A81A0459	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0459	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0459	R1632047	VLSI LAB	B	2
16A81A0459	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0459	R163204A	OOPS THROUGH JAVA	D	3
16A81A0460	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0460	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0460	R1632043	VLSI DESIGN	F	0
16A81A0460	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0460	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0460	R1632047	VLSI LAB	A	2
16A81A0460	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0460	R163204A	OOPS THROUGH JAVA	F	0
16A81A0461	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0461	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0461	R1632043	VLSI DESIGN	B	3
16A81A0461	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0461	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0461	R1632047	VLSI LAB	O	2
16A81A0461	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0461	R163204A	OOPS THROUGH JAVA	A	3
16A81A0462	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0462	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0462	R1632043	VLSI DESIGN	D	3
16A81A0462	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0462	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0462	R1632047	VLSI LAB	O	2
16A81A0462	R1632048	DIGITAL COMMUNICATIONS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0462	R163204A	OOPS THROUGH JAVA	D	3
16A81A0463	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0463	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0463	R1632043	VLSI DESIGN	S	3
16A81A0463	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0463	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0463	R1632047	VLSI LAB	O	2
16A81A0463	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0463	R163204A	OOPS THROUGH JAVA	A	3
16A81A0464	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0464	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0464	R1632043	VLSI DESIGN	F	0
16A81A0464	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0464	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A0464	R1632047	VLSI LAB	B	2
16A81A0464	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0464	R163204A	OOPS THROUGH JAVA	F	0
16A81A0465	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0465	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0465	R1632043	VLSI DESIGN	D	3
16A81A0465	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0465	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0465	R1632047	VLSI LAB	O	2
16A81A0465	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0465	R163204A	OOPS THROUGH JAVA	F	0
16A81A0466	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0466	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0466	R1632043	VLSI DESIGN	C	3
16A81A0466	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0466	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0466	R1632047	VLSI LAB	C	2
16A81A0466	R1632048	DIGITAL COMMUNICATIONS LAB	A	2
16A81A0466	R163204A	OOPS THROUGH JAVA	F	0
16A81A0467	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0467	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0467	R1632043	VLSI DESIGN	F	0
16A81A0467	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0467	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0467	R1632047	VLSI LAB	C	2
16A81A0467	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0467	R163204A	OOPS THROUGH JAVA	F	0
16A81A0468	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0468	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0468	R1632043	VLSI DESIGN	C	3
16A81A0468	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0468	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0468	R1632047	VLSI LAB	O	2
16A81A0468	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0468	R163204A	OOPS THROUGH JAVA	B	3
16A81A0469	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0469	R1632042	MICRO WAVE ENGINEERING	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0469	R1632043	VLSI DESIGN	B	3
16A81A0469	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0469	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0469	R1632047	VLSI LAB	O	2
16A81A0469	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0469	R163204A	OOPS THROUGH JAVA	F	0
16A81A0470	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0470	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0470	R1632043	VLSI DESIGN	C	3
16A81A0470	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0470	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0470	R1632047	VLSI LAB	S	2
16A81A0470	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0470	R163204A	OOPS THROUGH JAVA	D	3
16A81A0471	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0471	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0471	R1632043	VLSI DESIGN	F	0
16A81A0471	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0471	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0471	R1632047	VLSI LAB	O	2
16A81A0471	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0471	R163204A	OOPS THROUGH JAVA	F	0
16A81A0472	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0472	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0472	R1632043	VLSI DESIGN	D	3
16A81A0472	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0472	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0472	R1632047	VLSI LAB	O	2
16A81A0472	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0472	R163204A	OOPS THROUGH JAVA	A	3
16A81A0473	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0473	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0473	R1632043	VLSI DESIGN	B	3
16A81A0473	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0473	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0473	R1632047	VLSI LAB	O	2
16A81A0473	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0473	R163204A	OOPS THROUGH JAVA	F	0
16A81A0474	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0474	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0474	R1632043	VLSI DESIGN	A	3
16A81A0474	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0474	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0474	R1632047	VLSI LAB	O	2
16A81A0474	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0474	R163204A	OOPS THROUGH JAVA	B	3
16A81A0475	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0475	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0475	R1632043	VLSI DESIGN	A	3
16A81A0475	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0475	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0475	R1632047	VLSI LAB	O	2
16A81A0475	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0475	R163204A	OOPS THROUGH JAVA	C	3
16A81A0476	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0476	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0476	R1632043	VLSI DESIGN	F	0
16A81A0476	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0476	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0476	R1632047	VLSI LAB	C	2
16A81A0476	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0476	R163204A	OOPS THROUGH JAVA	F	0
16A81A0477	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0477	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0477	R1632043	VLSI DESIGN	C	3
16A81A0477	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0477	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0477	R1632047	VLSI LAB	S	2
16A81A0477	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0477	R163204A	OOPS THROUGH JAVA	C	3
16A81A0478	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A0478	R1632042	MICRO WAVE ENGINEERING	S	3
16A81A0478	R1632043	VLSI DESIGN	S	3
16A81A0478	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0478	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0478	R1632047	VLSI LAB	O	2
16A81A0478	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0478	R163204A	OOPS THROUGH JAVA	A	3
16A81A0479	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0479	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0479	R1632043	VLSI DESIGN	C	3
16A81A0479	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0479	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0479	R1632047	VLSI LAB	S	2
16A81A0479	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0479	R163204A	OOPS THROUGH JAVA	D	3
16A81A0480	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0480	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0480	R1632043	VLSI DESIGN	D	3
16A81A0480	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0480	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0480	R1632047	VLSI LAB	S	2
16A81A0480	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0480	R163204A	OOPS THROUGH JAVA	B	3
16A81A0481	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A0481	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0481	R1632043	VLSI DESIGN	B	3
16A81A0481	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0481	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0481	R1632047	VLSI LAB	O	2
16A81A0481	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0481	R163204A	OOPS THROUGH JAVA	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0482	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0482	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0482	R1632043	VLSI DESIGN	B	3
16A81A0482	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0482	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0482	R1632047	VLSI LAB	S	2
16A81A0482	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0482	R163204A	OOPS THROUGH JAVA	C	3
16A81A0483	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0483	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0483	R1632043	VLSI DESIGN	B	3
16A81A0483	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0483	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0483	R1632047	VLSI LAB	O	2
16A81A0483	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0483	R163204A	OOPS THROUGH JAVA	C	3
16A81A0484	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0484	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0484	R1632043	VLSI DESIGN	F	0
16A81A0484	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A0484	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0484	R1632047	VLSI LAB	S	2
16A81A0484	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0484	R163204A	OOPS THROUGH JAVA	C	3
16A81A0485	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0485	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0485	R1632043	VLSI DESIGN	C	3
16A81A0485	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0485	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0485	R1632047	VLSI LAB	S	2
16A81A0485	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0485	R163204A	OOPS THROUGH JAVA	A	3
16A81A0486	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0486	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0486	R1632043	VLSI DESIGN	C	3
16A81A0486	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0486	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0486	R1632047	VLSI LAB	S	2
16A81A0486	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0486	R163204A	OOPS THROUGH JAVA	C	3
16A81A0487	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0487	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0487	R1632043	VLSI DESIGN	F	0
16A81A0487	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0487	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0487	R1632047	VLSI LAB	A	2
16A81A0487	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0487	R163204A	OOPS THROUGH JAVA	C	3
16A81A0488	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0488	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0488	R1632043	VLSI DESIGN	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0488	R1632044	DIGITAL SIGNAL PROCESSING	S	3
16A81A0488	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0488	R1632047	VLSI LAB	O	2
16A81A0488	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0488	R163204A	OOPS THROUGH JAVA	O	3
16A81A0489	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0489	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0489	R1632043	VLSI DESIGN	F	0
16A81A0489	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0489	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0489	R1632047	VLSI LAB	O	2
16A81A0489	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0489	R163204A	OOPS THROUGH JAVA	F	0
16A81A0490	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0490	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0490	R1632043	VLSI DESIGN	B	3
16A81A0490	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0490	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0490	R1632047	VLSI LAB	O	2
16A81A0490	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0490	R163204A	OOPS THROUGH JAVA	B	3
16A81A0491	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0491	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A0491	R1632043	VLSI DESIGN	S	3
16A81A0491	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0491	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A0491	R1632047	VLSI LAB	O	2
16A81A0491	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0491	R163204A	OOPS THROUGH JAVA	S	3
16A81A0492	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0492	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0492	R1632043	VLSI DESIGN	F	0
16A81A0492	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0492	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0492	R1632047	VLSI LAB	O	2
16A81A0492	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0492	R163204A	OOPS THROUGH JAVA	F	0
16A81A0493	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0493	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0493	R1632043	VLSI DESIGN	C	3
16A81A0493	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0493	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0493	R1632047	VLSI LAB	S	2
16A81A0493	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0493	R163204A	OOPS THROUGH JAVA	F	0
16A81A0494	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A0494	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0494	R1632043	VLSI DESIGN	ABSENT	0
16A81A0494	R1632044	DIGITAL SIGNAL PROCESSING	ABSENT	0
16A81A0494	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0494	R1632047	VLSI LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0494	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0494	R163204A	OOPS THROUGH JAVA	ABSENT	0
16A81A0495	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0495	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A0495	R1632043	VLSI DESIGN	S	3
16A81A0495	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A0495	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0495	R1632047	VLSI LAB	S	2
16A81A0495	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0495	R163204A	OOPS THROUGH JAVA	C	3
16A81A0496	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0496	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A0496	R1632043	VLSI DESIGN	D	3
16A81A0496	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0496	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0496	R1632047	VLSI LAB	S	2
16A81A0496	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0496	R163204A	OOPS THROUGH JAVA	F	0
16A81A0497	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A0497	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A0497	R1632043	VLSI DESIGN	F	0
16A81A0497	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A0497	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A0497	R1632047	VLSI LAB	A	2
16A81A0497	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A0497	R163204A	OOPS THROUGH JAVA	F	0
16A81A0498	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A0498	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0498	R1632043	VLSI DESIGN	S	3
16A81A0498	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A0498	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0498	R1632047	VLSI LAB	O	2
16A81A0498	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0498	R163204A	OOPS THROUGH JAVA	S	3
16A81A0499	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A0499	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A0499	R1632043	VLSI DESIGN	S	3
16A81A0499	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A0499	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A0499	R1632047	VLSI LAB	O	2
16A81A0499	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A0499	R163204A	OOPS THROUGH JAVA	C	3
16A81A04A0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04A0	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04A0	R1632043	VLSI DESIGN	F	0
16A81A04A0	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04A0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04A0	R1632047	VLSI LAB	S	2
16A81A04A0	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04A0	R163204A	OOPS THROUGH JAVA	C	3
16A81A04A1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A04A1	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04A1	R1632043	VLSI DESIGN	C	3
16A81A04A1	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04A1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04A1	R1632047	VLSI LAB	O	2
16A81A04A1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A1	R163204A	OOPS THROUGH JAVA	D	3
16A81A04A2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04A2	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04A2	R1632043	VLSI DESIGN	S	3
16A81A04A2	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04A2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04A2	R1632047	VLSI LAB	O	2
16A81A04A2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A2	R163204A	OOPS THROUGH JAVA	S	3
16A81A04A3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04A3	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04A3	R1632043	VLSI DESIGN	B	3
16A81A04A3	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04A3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04A3	R1632047	VLSI LAB	O	2
16A81A04A3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A3	R163204A	OOPS THROUGH JAVA	F	0
16A81A04A4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04A4	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04A4	R1632043	VLSI DESIGN	F	0
16A81A04A4	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04A4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04A4	R1632047	VLSI LAB	S	2
16A81A04A4	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04A4	R163204A	OOPS THROUGH JAVA	C	3
16A81A04A5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A04A5	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04A5	R1632043	VLSI DESIGN	C	3
16A81A04A5	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04A5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04A5	R1632047	VLSI LAB	O	2
16A81A04A5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A5	R163204A	OOPS THROUGH JAVA	B	3
16A81A04A6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04A6	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04A6	R1632043	VLSI DESIGN	B	3
16A81A04A6	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04A6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04A6	R1632047	VLSI LAB	O	2
16A81A04A6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A6	R163204A	OOPS THROUGH JAVA	C	3
16A81A04A8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04A8	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04A8	R1632043	VLSI DESIGN	B	3
16A81A04A8	R1632044	DIGITAL SIGNAL PROCESSING	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A04A8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04A8	R1632047	VLSI LAB	O	2
16A81A04A8	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A8	R163204A	OOPS THROUGH JAVA	D	3
16A81A04A9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04A9	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04A9	R1632043	VLSI DESIGN	D	3
16A81A04A9	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04A9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04A9	R1632047	VLSI LAB	O	2
16A81A04A9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04A9	R163204A	OOPS THROUGH JAVA	C	3
16A81A04B0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04B0	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04B0	R1632043	VLSI DESIGN	C	3
16A81A04B0	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04B0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04B0	R1632047	VLSI LAB	S	2
16A81A04B0	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B0	R163204A	OOPS THROUGH JAVA	B	3
16A81A04B1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04B1	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04B1	R1632043	VLSI DESIGN	A	3
16A81A04B1	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04B1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04B1	R1632047	VLSI LAB	O	2
16A81A04B1	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04B1	R163204A	OOPS THROUGH JAVA	B	3
16A81A04B3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A04B3	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04B3	R1632043	VLSI DESIGN	S	3
16A81A04B3	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04B3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04B3	R1632047	VLSI LAB	O	2
16A81A04B3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B3	R163204A	OOPS THROUGH JAVA	C	3
16A81A04B4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04B4	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04B4	R1632043	VLSI DESIGN	F	0
16A81A04B4	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04B4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04B4	R1632047	VLSI LAB	C	2
16A81A04B4	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04B4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04B5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04B5	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04B5	R1632043	VLSI DESIGN	F	0
16A81A04B5	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04B5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	D	2
16A81A04B5	R1632047	VLSI LAB	C	2
16A81A04B5	R1632048	DIGITAL COMMUNICATIONS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A04B5	R163204A	OOPS THROUGH JAVA	F	0
16A81A04B6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04B6	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04B6	R1632043	VLSI DESIGN	D	3
16A81A04B6	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04B6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04B6	R1632047	VLSI LAB	B	2
16A81A04B6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B6	R163204A	OOPS THROUGH JAVA	D	3
16A81A04B7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04B7	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04B7	R1632043	VLSI DESIGN	D	3
16A81A04B7	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04B7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04B7	R1632047	VLSI LAB	A	2
16A81A04B7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B7	R163204A	OOPS THROUGH JAVA	D	3
16A81A04B8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04B8	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04B8	R1632043	VLSI DESIGN	F	0
16A81A04B8	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04B8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04B8	R1632047	VLSI LAB	S	2
16A81A04B8	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B8	R163204A	OOPS THROUGH JAVA	F	0
16A81A04B9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A04B9	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04B9	R1632043	VLSI DESIGN	D	3
16A81A04B9	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04B9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04B9	R1632047	VLSI LAB	O	2
16A81A04B9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04B9	R163204A	OOPS THROUGH JAVA	A	3
16A81A04C0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04C0	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04C0	R1632043	VLSI DESIGN	F	0
16A81A04C0	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04C0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04C0	R1632047	VLSI LAB	B	2
16A81A04C0	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04C0	R163204A	OOPS THROUGH JAVA	F	0
16A81A04C2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04C2	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04C2	R1632043	VLSI DESIGN	S	3
16A81A04C2	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04C2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04C2	R1632047	VLSI LAB	O	2
16A81A04C2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C2	R163204A	OOPS THROUGH JAVA	D	3
16A81A04C4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04C4	R1632042	MICRO WAVE ENGINEERING	F	0

Htno	Subcode	Subname	Grade	Credits
16A81A04C4	R1632043	VLSI DESIGN	F	0
16A81A04C4	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04C4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	C	2
16A81A04C4	R1632047	VLSI LAB	B	2
16A81A04C4	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04C5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04C5	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04C5	R1632043	VLSI DESIGN	D	3
16A81A04C5	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04C5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04C5	R1632047	VLSI LAB	O	2
16A81A04C5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C5	R163204A	OOPS THROUGH JAVA	F	0
16A81A04C6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04C6	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04C6	R1632043	VLSI DESIGN	B	3
16A81A04C6	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04C6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04C6	R1632047	VLSI LAB	A	2
16A81A04C6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C6	R163204A	OOPS THROUGH JAVA	F	0
16A81A04C7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04C7	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04C7	R1632043	VLSI DESIGN	B	3
16A81A04C7	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04C7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04C7	R1632047	VLSI LAB	O	2
16A81A04C7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C7	R163204A	OOPS THROUGH JAVA	C	3
16A81A04C8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04C8	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04C8	R1632043	VLSI DESIGN	F	0
16A81A04C8	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04C8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04C8	R1632047	VLSI LAB	O	2
16A81A04C8	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04C8	R163204A	OOPS THROUGH JAVA	D	3
16A81A04D0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04D0	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04D0	R1632043	VLSI DESIGN	C	3
16A81A04D0	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04D0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04D0	R1632047	VLSI LAB	O	2
16A81A04D0	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D0	R163204A	OOPS THROUGH JAVA	B	3
16A81A04D1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04D1	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04D1	R1632043	VLSI DESIGN	B	3
16A81A04D1	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04D1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2

Htno	Subcode	Subname	Grade	Credits
16A81A04D1	R1632047	VLSI LAB	S	2
16A81A04D1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D1	R163204A	OOPS THROUGH JAVA	D	3
16A81A04D2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04D2	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04D2	R1632043	VLSI DESIGN	D	3
16A81A04D2	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04D2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04D2	R1632047	VLSI LAB	S	2
16A81A04D2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D2	R163204A	OOPS THROUGH JAVA	D	3
16A81A04D3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04D3	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04D3	R1632043	VLSI DESIGN	C	3
16A81A04D3	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04D3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04D3	R1632047	VLSI LAB	O	2
16A81A04D3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D3	R163204A	OOPS THROUGH JAVA	C	3
16A81A04D4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A04D4	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04D4	R1632043	VLSI DESIGN	C	3
16A81A04D4	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04D4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04D4	R1632047	VLSI LAB	O	2
16A81A04D4	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D4	R163204A	OOPS THROUGH JAVA	A	3
16A81A04D5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04D5	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04D5	R1632043	VLSI DESIGN	A	3
16A81A04D5	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04D5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04D5	R1632047	VLSI LAB	O	2
16A81A04D5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D5	R163204A	OOPS THROUGH JAVA	B	3
16A81A04D6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04D6	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04D6	R1632043	VLSI DESIGN	F	0
16A81A04D6	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04D6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A04D6	R1632047	VLSI LAB	A	2
16A81A04D6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D6	R163204A	OOPS THROUGH JAVA	F	0
16A81A04D7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04D7	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04D7	R1632043	VLSI DESIGN	C	3
16A81A04D7	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04D7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04D7	R1632047	VLSI LAB	S	2
16A81A04D7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D7	R163204A	OOPS THROUGH JAVA	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A04D8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04D8	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04D8	R1632043	VLSI DESIGN	B	3
16A81A04D8	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04D8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04D8	R1632047	VLSI LAB	O	2
16A81A04D8	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04D8	R163204A	OOPS THROUGH JAVA	F	0
16A81A04D9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04D9	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04D9	R1632043	VLSI DESIGN	A	3
16A81A04D9	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04D9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
16A81A04D9	R1632047	VLSI LAB	S	2
16A81A04D9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04D9	R163204A	OOPS THROUGH JAVA	C	3
16A81A04E0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A04E0	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04E0	R1632043	VLSI DESIGN	O	3
16A81A04E0	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04E0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04E0	R1632047	VLSI LAB	O	2
16A81A04E0	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E0	R163204A	OOPS THROUGH JAVA	S	3
16A81A04E1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04E1	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04E1	R1632043	VLSI DESIGN	C	3
16A81A04E1	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04E1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04E1	R1632047	VLSI LAB	O	2
16A81A04E1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E1	R163204A	OOPS THROUGH JAVA	S	3
16A81A04E2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04E2	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04E2	R1632043	VLSI DESIGN	C	3
16A81A04E2	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04E2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04E2	R1632047	VLSI LAB	O	2
16A81A04E2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E2	R163204A	OOPS THROUGH JAVA	F	0
16A81A04E3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04E3	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04E3	R1632043	VLSI DESIGN	B	3
16A81A04E3	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04E3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04E3	R1632047	VLSI LAB	S	2
16A81A04E3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E3	R163204A	OOPS THROUGH JAVA	D	3
16A81A04E4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04E4	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04E4	R1632043	VLSI DESIGN	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A04E4	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04E4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04E4	R1632047	VLSI LAB	S	2
16A81A04E4	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04E4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04E5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04E5	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04E5	R1632043	VLSI DESIGN	C	3
16A81A04E5	R1632044	DIGITAL SIGNAL PROCESSING	S	3
16A81A04E5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04E5	R1632047	VLSI LAB	O	2
16A81A04E5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E5	R163204A	OOPS THROUGH JAVA	B	3
16A81A04E6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04E6	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04E6	R1632043	VLSI DESIGN	C	3
16A81A04E6	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04E6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04E6	R1632047	VLSI LAB	S	2
16A81A04E6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E6	R163204A	OOPS THROUGH JAVA	F	0
16A81A04E7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04E7	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04E7	R1632043	VLSI DESIGN	A	3
16A81A04E7	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04E7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04E7	R1632047	VLSI LAB	O	2
16A81A04E7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04E7	R163204A	OOPS THROUGH JAVA	C	3
16A81A04E9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04E9	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04E9	R1632043	VLSI DESIGN	A	3
16A81A04E9	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04E9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04E9	R1632047	VLSI LAB	A	2
16A81A04E9	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04E9	R163204A	OOPS THROUGH JAVA	C	3
16A81A04F1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04F1	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04F1	R1632043	VLSI DESIGN	D	3
16A81A04F1	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04F1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04F1	R1632047	VLSI LAB	O	2
16A81A04F1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F1	R163204A	OOPS THROUGH JAVA	C	3
16A81A04F2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04F2	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04F2	R1632043	VLSI DESIGN	B	3
16A81A04F2	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04F2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04F2	R1632047	VLSI LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A04F2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F2	R163204A	OOPS THROUGH JAVA	C	3
16A81A04F3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04F3	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04F3	R1632043	VLSI DESIGN	A	3
16A81A04F3	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04F3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04F3	R1632047	VLSI LAB	O	2
16A81A04F3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F3	R163204A	OOPS THROUGH JAVA	A	3
16A81A04F4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04F4	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04F4	R1632043	VLSI DESIGN	F	0
16A81A04F4	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04F4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04F4	R1632047	VLSI LAB	S	2
16A81A04F4	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04F5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04F5	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04F5	R1632043	VLSI DESIGN	C	3
16A81A04F5	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04F5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04F5	R1632047	VLSI LAB	O	2
16A81A04F5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F5	R163204A	OOPS THROUGH JAVA	D	3
16A81A04F6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04F6	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04F6	R1632043	VLSI DESIGN	C	3
16A81A04F6	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04F6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04F6	R1632047	VLSI LAB	A	2
16A81A04F6	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04F6	R163204A	OOPS THROUGH JAVA	B	3
16A81A04F7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04F7	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04F7	R1632043	VLSI DESIGN	A	3
16A81A04F7	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04F7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04F7	R1632047	VLSI LAB	O	2
16A81A04F7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F7	R163204A	OOPS THROUGH JAVA	B	3
16A81A04F8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04F8	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04F8	R1632043	VLSI DESIGN	F	0
16A81A04F8	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04F8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04F8	R1632047	VLSI LAB	S	2
16A81A04F8	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F8	R163204A	OOPS THROUGH JAVA	D	3
16A81A04F9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A04F9	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04F9	R1632043	VLSI DESIGN	B	3
16A81A04F9	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04F9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04F9	R1632047	VLSI LAB	O	2
16A81A04F9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04F9	R163204A	OOPS THROUGH JAVA	D	3
16A81A04G0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04G0	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04G0	R1632043	VLSI DESIGN	C	3
16A81A04G0	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04G0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04G0	R1632047	VLSI LAB	O	2
16A81A04G0	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G0	R163204A	OOPS THROUGH JAVA	C	3
16A81A04G1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04G1	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04G1	R1632043	VLSI DESIGN	D	3
16A81A04G1	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04G1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04G1	R1632047	VLSI LAB	S	2
16A81A04G1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G1	R163204A	OOPS THROUGH JAVA	D	3
16A81A04G2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04G2	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04G2	R1632043	VLSI DESIGN	S	3
16A81A04G2	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04G2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04G2	R1632047	VLSI LAB	O	2
16A81A04G2	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04G2	R163204A	OOPS THROUGH JAVA	D	3
16A81A04G3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04G3	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04G3	R1632043	VLSI DESIGN	C	3
16A81A04G3	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04G3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04G3	R1632047	VLSI LAB	O	2
16A81A04G3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G3	R163204A	OOPS THROUGH JAVA	C	3
16A81A04G4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04G4	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04G4	R1632043	VLSI DESIGN	D	3
16A81A04G4	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04G4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04G4	R1632047	VLSI LAB	O	2
16A81A04G4	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04G5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04G5	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04G5	R1632043	VLSI DESIGN	A	3
16A81A04G5	R1632044	DIGITAL SIGNAL PROCESSING	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A04G5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04G5	R1632047	VLSI LAB	O	2
16A81A04G5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G5	R163204A	OOPS THROUGH JAVA	A	3
16A81A04G6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04G6	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04G6	R1632043	VLSI DESIGN	B	3
16A81A04G6	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04G6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04G6	R1632047	VLSI LAB	O	2
16A81A04G6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G6	R163204A	OOPS THROUGH JAVA	F	0
16A81A04G9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04G9	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04G9	R1632043	VLSI DESIGN	F	0
16A81A04G9	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04G9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04G9	R1632047	VLSI LAB	O	2
16A81A04G9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04G9	R163204A	OOPS THROUGH JAVA	F	0
16A81A04H0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
16A81A04H0	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04H0	R1632043	VLSI DESIGN	B	3
16A81A04H0	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04H0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04H0	R1632047	VLSI LAB	S	2
16A81A04H0	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H0	R163204A	OOPS THROUGH JAVA	F	0
16A81A04H1	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04H1	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04H1	R1632043	VLSI DESIGN	A	3
16A81A04H1	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04H1	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04H1	R1632047	VLSI LAB	S	2
16A81A04H1	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H1	R163204A	OOPS THROUGH JAVA	B	3
16A81A04H2	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04H2	R1632042	MICRO WAVE ENGINEERING	A	3
16A81A04H2	R1632043	VLSI DESIGN	S	3
16A81A04H2	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04H2	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04H2	R1632047	VLSI LAB	S	2
16A81A04H2	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H2	R163204A	OOPS THROUGH JAVA	C	3
16A81A04H3	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04H3	R1632042	MICRO WAVE ENGINEERING	F	0
16A81A04H3	R1632043	VLSI DESIGN	D	3
16A81A04H3	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04H3	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04H3	R1632047	VLSI LAB	O	2
16A81A04H3	R1632048	DIGITAL COMMUNICATIONS LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A04H3	R163204A	OOPS THROUGH JAVA	F	0
16A81A04H4	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
16A81A04H4	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04H4	R1632043	VLSI DESIGN	A	3
16A81A04H4	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04H4	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04H4	R1632047	VLSI LAB	S	2
16A81A04H4	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H4	R163204A	OOPS THROUGH JAVA	F	0
16A81A04H5	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04H5	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04H5	R1632043	VLSI DESIGN	B	3
16A81A04H5	R1632044	DIGITAL SIGNAL PROCESSING	B	3
16A81A04H5	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04H5	R1632047	VLSI LAB	S	2
16A81A04H5	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H5	R163204A	OOPS THROUGH JAVA	A	3
16A81A04H6	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
16A81A04H6	R1632042	MICRO WAVE ENGINEERING	D	3
16A81A04H6	R1632043	VLSI DESIGN	C	3
16A81A04H6	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04H6	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04H6	R1632047	VLSI LAB	O	2
16A81A04H6	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H6	R163204A	OOPS THROUGH JAVA	C	3
16A81A04H7	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04H7	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04H7	R1632043	VLSI DESIGN	C	3
16A81A04H7	R1632044	DIGITAL SIGNAL PROCESSING	A	3
16A81A04H7	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04H7	R1632047	VLSI LAB	O	2
16A81A04H7	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H7	R163204A	OOPS THROUGH JAVA	C	3
16A81A04H8	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
16A81A04H8	R1632042	MICRO WAVE ENGINEERING	B	3
16A81A04H8	R1632043	VLSI DESIGN	B	3
16A81A04H8	R1632044	DIGITAL SIGNAL PROCESSING	F	0
16A81A04H8	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
16A81A04H8	R1632047	VLSI LAB	S	2
16A81A04H8	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H8	R163204A	OOPS THROUGH JAVA	F	0
16A81A04H9	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
16A81A04H9	R1632042	MICRO WAVE ENGINEERING	C	3
16A81A04H9	R1632043	VLSI DESIGN	D	3
16A81A04H9	R1632044	DIGITAL SIGNAL PROCESSING	C	3
16A81A04H9	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
16A81A04H9	R1632047	VLSI LAB	A	2
16A81A04H9	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
16A81A04H9	R163204A	OOPS THROUGH JAVA	D	3
16A81A04I0	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
16A81A04I0	R1632042	MICRO WAVE ENGINEERING	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A04I0	R1632043	VLSI DESIGN	A	3
16A81A04I0	R1632044	DIGITAL SIGNAL PROCESSING	D	3
16A81A04I0	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
16A81A04I0	R1632047	VLSI LAB	O	2
16A81A04I0	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
16A81A04I0	R163204A	OOPS THROUGH JAVA	C	3
16A81A0501	R1632051	COMPUTER NETWORKS	D	3
16A81A0501	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0501	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0501	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0501	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0501	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0501	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0501	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0503	R1632051	COMPUTER NETWORKS	S	3
16A81A0503	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0503	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0503	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0503	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0503	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0503	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0503	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0504	R1632051	COMPUTER NETWORKS	B	3
16A81A0504	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0504	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0504	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0504	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0504	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0504	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0504	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0505	R1632051	COMPUTER NETWORKS	C	3
16A81A0505	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0505	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0505	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0505	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0505	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0505	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0505	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0506	R1632051	COMPUTER NETWORKS	B	3
16A81A0506	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0506	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0506	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0506	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0506	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0506	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0506	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0507	R1632051	COMPUTER NETWORKS	A	3
16A81A0507	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0507	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0507	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0507	R1632056	NETWORK PROGRAMMING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A0507	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0507	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0507	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0508	R1632051	COMPUTER NETWORKS	B	3
16A81A0508	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0508	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0508	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0508	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0508	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0508	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0508	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0509	R1632051	COMPUTER NETWORKS	C	3
16A81A0509	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0509	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0509	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0509	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0509	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0509	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0509	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0510	R1632051	COMPUTER NETWORKS	C	3
16A81A0510	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0510	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0510	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0510	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0510	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0510	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0510	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0511	R1632051	COMPUTER NETWORKS	B	3
16A81A0511	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0511	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0511	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0511	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0511	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0511	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0511	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0512	R1632051	COMPUTER NETWORKS	B	3
16A81A0512	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0512	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0512	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0512	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0512	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0512	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0512	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A0513	R1632051	COMPUTER NETWORKS	C	3
16A81A0513	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0513	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0513	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0513	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0513	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0513	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0513	R163205A	ARTIFICIAL INTELLIGENCE	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0514	R1632051	COMPUTER NETWORKS	D	3
16A81A0514	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0514	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0514	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0514	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0514	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0514	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0514	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A0515	R1632051	COMPUTER NETWORKS	F	0
16A81A0515	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0515	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0515	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0515	R1632056	NETWORK PROGRAMMING LAB	D	2
16A81A0515	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0515	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0515	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A0516	R1632051	COMPUTER NETWORKS	D	3
16A81A0516	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0516	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0516	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0516	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0516	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0516	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0516	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0517	R1632051	COMPUTER NETWORKS	B	3
16A81A0517	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0517	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0517	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0517	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0517	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0517	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0517	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0518	R1632051	COMPUTER NETWORKS	C	3
16A81A0518	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0518	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0518	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0518	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0518	R1632057	SOFTWARE TESTING LAB	B	2
16A81A0518	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A0518	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A0519	R1632051	COMPUTER NETWORKS	C	3
16A81A0519	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0519	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0519	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0519	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0519	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0519	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A0519	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0520	R1632051	COMPUTER NETWORKS	B	3
16A81A0520	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0520	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0520	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A0520	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0520	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0520	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0520	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0522	R1632051	COMPUTER NETWORKS	C	3
16A81A0522	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0522	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0522	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0522	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0522	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0522	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0522	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A0523	R1632051	COMPUTER NETWORKS	D	3
16A81A0523	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0523	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0523	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0523	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0523	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0523	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0523	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0524	R1632051	COMPUTER NETWORKS	A	3
16A81A0524	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0524	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0524	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0524	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0524	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0524	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0524	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0526	R1632051	COMPUTER NETWORKS	A	3
16A81A0526	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0526	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0526	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0526	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0526	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0526	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0526	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0527	R1632051	COMPUTER NETWORKS	B	3
16A81A0527	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0527	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0527	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0527	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0527	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0527	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0527	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A0528	R1632051	COMPUTER NETWORKS	B	3
16A81A0528	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0528	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0528	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0528	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0528	R1632057	SOFTWARE TESTING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0528	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0528	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0529	R1632051	COMPUTER NETWORKS	A	3
16A81A0529	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0529	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0529	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0529	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0529	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0529	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0529	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0530	R1632051	COMPUTER NETWORKS	B	3
16A81A0530	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0530	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0530	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0530	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0530	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0530	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0530	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0531	R1632051	COMPUTER NETWORKS	A	3
16A81A0531	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0531	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0531	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0531	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0531	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0531	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0531	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0532	R1632051	COMPUTER NETWORKS	A	3
16A81A0532	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0532	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0532	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0532	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0532	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0532	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0532	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0533	R1632051	COMPUTER NETWORKS	C	3
16A81A0533	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0533	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0533	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0533	R1632056	NETWORK PROGRAMMING LAB	C	2
16A81A0533	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0533	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0533	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A0534	R1632051	COMPUTER NETWORKS	A	3
16A81A0534	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0534	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0534	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0534	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0534	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0534	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0534	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0535	R1632051	COMPUTER NETWORKS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0535	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0535	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0535	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0535	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0535	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0535	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0535	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A0536	R1632051	COMPUTER NETWORKS	B	3
16A81A0536	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0536	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0536	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0536	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0536	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0536	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0536	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0537	R1632051	COMPUTER NETWORKS	A	3
16A81A0537	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0537	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0537	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0537	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0537	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0537	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0537	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0538	R1632051	COMPUTER NETWORKS	C	3
16A81A0538	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0538	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0538	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0538	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0538	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0538	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0538	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0539	R1632051	COMPUTER NETWORKS	B	3
16A81A0539	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0539	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0539	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0539	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0539	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0539	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0539	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0540	R1632051	COMPUTER NETWORKS	D	3
16A81A0540	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0540	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0540	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0540	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0540	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0540	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0540	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A0541	R1632051	COMPUTER NETWORKS	S	3
16A81A0541	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0541	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0541	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A0541	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0541	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0541	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0541	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0543	R1632051	COMPUTER NETWORKS	C	3
16A81A0543	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0543	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0543	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0543	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0543	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0543	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0543	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0544	R1632051	COMPUTER NETWORKS	B	3
16A81A0544	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0544	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0544	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0544	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0544	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0544	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0544	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0545	R1632051	COMPUTER NETWORKS	A	3
16A81A0545	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0545	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0545	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0545	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0545	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0545	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0545	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0547	R1632051	COMPUTER NETWORKS	A	3
16A81A0547	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0547	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0547	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0547	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0547	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0547	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0547	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0549	R1632051	COMPUTER NETWORKS	B	3
16A81A0549	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0549	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0549	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0549	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0549	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0549	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0549	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0550	R1632051	COMPUTER NETWORKS	B	3
16A81A0550	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0550	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0550	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0550	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0550	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0550	R1632058	DATA WAREHOUSING AND MINING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0550	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0551	R1632051	COMPUTER NETWORKS	B	3
16A81A0551	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0551	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0551	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0551	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0551	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0551	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0551	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0552	R1632051	COMPUTER NETWORKS	S	3
16A81A0552	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0552	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0552	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0552	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0552	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0552	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0552	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0553	R1632051	COMPUTER NETWORKS	C	3
16A81A0553	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0553	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0553	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0553	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0553	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0553	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0553	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A0554	R1632051	COMPUTER NETWORKS	C	3
16A81A0554	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0554	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0554	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A0554	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0554	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0554	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0554	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0555	R1632051	COMPUTER NETWORKS	B	3
16A81A0555	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0555	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0555	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0555	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0555	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0555	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0555	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0556	R1632051	COMPUTER NETWORKS	A	3
16A81A0556	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0556	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0556	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0556	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0556	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0556	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0556	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0557	R1632051	COMPUTER NETWORKS	F	0
16A81A0557	R1632052	DATA WAREHOUSING AND MINING	F	0

Htno	Subcode	Subname	Grade	Credits
16A81A0557	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0557	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A0557	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0557	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0557	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0557	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A0558	R1632051	COMPUTER NETWORKS	C	3
16A81A0558	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0558	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0558	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0558	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0558	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0558	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0558	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A0559	R1632051	COMPUTER NETWORKS	D	3
16A81A0559	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0559	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0559	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0559	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0559	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0559	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0559	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0560	R1632051	COMPUTER NETWORKS	A	3
16A81A0560	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0560	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0560	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0560	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0560	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0560	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0560	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A0561	R1632051	COMPUTER NETWORKS	A	3
16A81A0561	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0561	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0561	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A0561	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0561	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0561	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0561	R163205C	CYBER SECURITY	A	3
16A81A0562	R1632051	COMPUTER NETWORKS	A	3
16A81A0562	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0562	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0562	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0562	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0562	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0562	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0562	R163205C	CYBER SECURITY	S	3
16A81A0563	R1632051	COMPUTER NETWORKS	S	3
16A81A0563	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0563	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0563	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0563	R1632056	NETWORK PROGRAMMING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0563	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0563	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0563	R163205C	CYBER SECURITY	S	3
16A81A0565	R1632051	COMPUTER NETWORKS	B	3
16A81A0565	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0565	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0565	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0565	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0565	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0565	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0565	R163205C	CYBER SECURITY	A	3
16A81A0566	R1632051	COMPUTER NETWORKS	C	3
16A81A0566	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0566	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0566	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0566	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0566	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0566	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0566	R163205C	CYBER SECURITY	C	3
16A81A0567	R1632051	COMPUTER NETWORKS	B	3
16A81A0567	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0567	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0567	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0567	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0567	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0567	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0567	R163205C	CYBER SECURITY	A	3
16A81A0568	R1632051	COMPUTER NETWORKS	B	3
16A81A0568	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0568	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0568	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0568	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0568	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0568	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0568	R163205C	CYBER SECURITY	B	3
16A81A0569	R1632051	COMPUTER NETWORKS	D	3
16A81A0569	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0569	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0569	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0569	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0569	R1632057	SOFTWARE TESTING LAB	A	2
16A81A0569	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A0569	R163205C	CYBER SECURITY	F	0
16A81A0570	R1632051	COMPUTER NETWORKS	A	3
16A81A0570	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0570	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0570	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A0570	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0570	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0570	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0570	R163205C	CYBER SECURITY	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0571	R1632051	COMPUTER NETWORKS	O	3
16A81A0571	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0571	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0571	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0571	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0571	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0571	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0571	R163205C	CYBER SECURITY	A	3
16A81A0572	R1632051	COMPUTER NETWORKS	A	3
16A81A0572	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0572	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0572	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0572	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0572	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0572	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0572	R163205C	CYBER SECURITY	A	3
16A81A0573	R1632051	COMPUTER NETWORKS	A	3
16A81A0573	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0573	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	O	3
16A81A0573	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0573	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0573	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0573	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0573	R163205C	CYBER SECURITY	S	3
16A81A0574	R1632051	COMPUTER NETWORKS	C	3
16A81A0574	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0574	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0574	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0574	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0574	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0574	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0574	R163205C	CYBER SECURITY	B	3
16A81A0575	R1632051	COMPUTER NETWORKS	B	3
16A81A0575	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0575	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0575	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A0575	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0575	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0575	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0575	R163205C	CYBER SECURITY	A	3
16A81A0576	R1632051	COMPUTER NETWORKS	A	3
16A81A0576	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0576	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0576	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0576	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0576	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0576	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0576	R163205C	CYBER SECURITY	A	3
16A81A0577	R1632051	COMPUTER NETWORKS	B	3
16A81A0577	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0577	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0577	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0577	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0577	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0577	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0577	R163205C	CYBER SECURITY	A	3
16A81A0578	R1632051	COMPUTER NETWORKS	D	3
16A81A0578	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0578	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0578	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A0578	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0578	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0578	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0578	R163205C	CYBER SECURITY	C	3
16A81A0579	R1632051	COMPUTER NETWORKS	S	3
16A81A0579	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0579	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0579	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0579	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0579	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0579	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0579	R163205C	CYBER SECURITY	A	3
16A81A0580	R1632051	COMPUTER NETWORKS	B	3
16A81A0580	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0580	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0580	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0580	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0580	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0580	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0580	R163205C	CYBER SECURITY	B	3
16A81A0581	R1632051	COMPUTER NETWORKS	A	3
16A81A0581	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A0581	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	O	3
16A81A0581	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0581	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0581	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0581	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0581	R163205C	CYBER SECURITY	S	3
16A81A0582	R1632051	COMPUTER NETWORKS	B	3
16A81A0582	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0582	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0582	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0582	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0582	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0582	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0582	R163205C	CYBER SECURITY	C	3
16A81A0583	R1632051	COMPUTER NETWORKS	S	3
16A81A0583	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0583	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0583	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0583	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0583	R1632057	SOFTWARE TESTING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A0583	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0583	R163205C	CYBER SECURITY	S	3
16A81A0584	R1632051	COMPUTER NETWORKS	A	3
16A81A0584	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0584	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0584	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0584	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0584	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0584	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0584	R163205C	CYBER SECURITY	A	3
16A81A0585	R1632051	COMPUTER NETWORKS	D	3
16A81A0585	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0585	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0585	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0585	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0585	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0585	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0585	R163205C	CYBER SECURITY	C	3
16A81A0586	R1632051	COMPUTER NETWORKS	C	3
16A81A0586	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0586	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A0586	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0586	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0586	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0586	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0586	R163205C	CYBER SECURITY	B	3
16A81A0587	R1632051	COMPUTER NETWORKS	B	3
16A81A0587	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0587	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0587	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0587	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A0587	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0587	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0587	R163205C	CYBER SECURITY	B	3
16A81A0588	R1632051	COMPUTER NETWORKS	A	3
16A81A0588	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0588	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0588	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0588	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0588	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0588	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0588	R163205C	CYBER SECURITY	S	3
16A81A0589	R1632051	COMPUTER NETWORKS	C	3
16A81A0589	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0589	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0589	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0589	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0589	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0589	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0589	R163205C	CYBER SECURITY	B	3
16A81A0590	R1632051	COMPUTER NETWORKS	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A0590	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A0590	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0590	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0590	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0590	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0590	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0590	R163205C	CYBER SECURITY	A	3
16A81A0591	R1632051	COMPUTER NETWORKS	B	3
16A81A0591	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0591	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0591	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0591	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0591	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0591	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0591	R163205C	CYBER SECURITY	B	3
16A81A0592	R1632051	COMPUTER NETWORKS	C	3
16A81A0592	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0592	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A0592	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0592	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0592	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0592	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0592	R163205C	CYBER SECURITY	C	3
16A81A0593	R1632051	COMPUTER NETWORKS	C	3
16A81A0593	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A0593	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0593	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0593	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0593	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0593	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0593	R163205C	CYBER SECURITY	B	3
16A81A0594	R1632051	COMPUTER NETWORKS	B	3
16A81A0594	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0594	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0594	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A0594	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0594	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0594	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0594	R163205C	CYBER SECURITY	D	3
16A81A0595	R1632051	COMPUTER NETWORKS	S	3
16A81A0595	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0595	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A0595	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A0595	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0595	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0595	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0595	R163205C	CYBER SECURITY	A	3
16A81A0596	R1632051	COMPUTER NETWORKS	C	3
16A81A0596	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A0596	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A0596	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A0596	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0596	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0596	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0596	R163205C	CYBER SECURITY	C	3
16A81A0597	R1632051	COMPUTER NETWORKS	B	3
16A81A0597	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0597	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0597	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0597	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A0597	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0597	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0597	R163205C	CYBER SECURITY	A	3
16A81A0598	R1632051	COMPUTER NETWORKS	B	3
16A81A0598	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A0598	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A0598	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A0598	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A0598	R1632057	SOFTWARE TESTING LAB	O	2
16A81A0598	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A0598	R163205C	CYBER SECURITY	C	3
16A81A0599	R1632051	COMPUTER NETWORKS	B	3
16A81A0599	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A0599	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A0599	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A0599	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A0599	R1632057	SOFTWARE TESTING LAB	S	2
16A81A0599	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A0599	R163205C	CYBER SECURITY	B	3
16A81A05A0	R1632051	COMPUTER NETWORKS	A	3
16A81A05A0	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05A0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05A0	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05A0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A0	R163205C	CYBER SECURITY	A	3
16A81A05A1	R1632051	COMPUTER NETWORKS	A	3
16A81A05A1	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05A1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05A1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05A1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A1	R163205C	CYBER SECURITY	S	3
16A81A05A2	R1632051	COMPUTER NETWORKS	B	3
16A81A05A2	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05A2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05A2	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05A2	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05A2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05A2	R1632058	DATA WAREHOUSING AND MINING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16A81A05A2	R163205C	CYBER SECURITY	C	3
16A81A05A3	R1632051	COMPUTER NETWORKS	B	3
16A81A05A3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05A3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05A3	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05A3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05A3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A3	R163205C	CYBER SECURITY	A	3
16A81A05A4	R1632051	COMPUTER NETWORKS	A	3
16A81A05A4	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05A4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05A4	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05A4	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A4	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A4	R163205C	CYBER SECURITY	A	3
16A81A05A5	R1632051	COMPUTER NETWORKS	S	3
16A81A05A5	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05A5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05A5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05A5	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A5	R163205C	CYBER SECURITY	S	3
16A81A05A6	R1632051	COMPUTER NETWORKS	A	3
16A81A05A6	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05A6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05A6	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05A6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A6	R163205C	CYBER SECURITY	A	3
16A81A05A7	R1632051	COMPUTER NETWORKS	C	3
16A81A05A7	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05A7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05A7	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05A7	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05A7	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A7	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05A7	R163205C	CYBER SECURITY	B	3
16A81A05A8	R1632051	COMPUTER NETWORKS	A	3
16A81A05A8	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05A8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05A8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05A8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05A8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05A8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05A8	R163205C	CYBER SECURITY	S	3
16A81A05A9	R1632051	COMPUTER NETWORKS	B	3
16A81A05A9	R1632052	DATA WAREHOUSING AND MINING	D	3

Htno	Subcode	Subname	Grade	Credits
16A81A05A9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05A9	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05A9	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05A9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05A9	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05A9	R163205C	CYBER SECURITY	D	3
16A81A05B0	R1632051	COMPUTER NETWORKS	A	3
16A81A05B0	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05B0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05B0	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05B0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B0	R163205C	CYBER SECURITY	A	3
16A81A05B1	R1632051	COMPUTER NETWORKS	B	3
16A81A05B1	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05B1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05B1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05B1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B1	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05B1	R163205C	CYBER SECURITY	S	3
16A81A05B2	R1632051	COMPUTER NETWORKS	F	0
16A81A05B2	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05B2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05B2	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05B2	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05B2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05B2	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05B2	R163205C	CYBER SECURITY	F	0
16A81A05B3	R1632051	COMPUTER NETWORKS	S	3
16A81A05B3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05B3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05B3	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05B3	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B3	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05B3	R163205C	CYBER SECURITY	C	3
16A81A05B4	R1632051	COMPUTER NETWORKS	A	3
16A81A05B4	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05B4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05B4	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05B4	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B4	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B4	R163205C	CYBER SECURITY	A	3
16A81A05B5	R1632051	COMPUTER NETWORKS	A	3
16A81A05B5	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05B5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05B5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05B5	R1632056	NETWORK PROGRAMMING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A05B5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B5	R163205C	CYBER SECURITY	S	3
16A81A05B6	R1632051	COMPUTER NETWORKS	A	3
16A81A05B6	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05B6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05B6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05B6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B6	R163205C	CYBER SECURITY	A	3
16A81A05B7	R1632051	COMPUTER NETWORKS	A	3
16A81A05B7	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05B7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05B7	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05B7	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B7	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B7	R163205C	CYBER SECURITY	S	3
16A81A05B8	R1632051	COMPUTER NETWORKS	C	3
16A81A05B8	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05B8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05B8	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05B8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B8	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05B8	R163205C	CYBER SECURITY	F	0
16A81A05B9	R1632051	COMPUTER NETWORKS	A	3
16A81A05B9	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05B9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05B9	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05B9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05B9	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05B9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05B9	R163205C	CYBER SECURITY	S	3
16A81A05C0	R1632051	COMPUTER NETWORKS	S	3
16A81A05C0	R1632052	DATA WAREHOUSING AND MINING	O	3
16A81A05C0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05C0	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05C0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05C0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05C0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C0	R163205C	CYBER SECURITY	S	3
16A81A05C1	R1632051	COMPUTER NETWORKS	C	3
16A81A05C1	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05C1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05C1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05C1	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05C1	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05C1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C1	R163205A	ARTIFICIAL INTELLIGENCE	F	0

Htno	Subcode	Subname	Grade	Credits
16A81A05C2	R1632051	COMPUTER NETWORKS	A	3
16A81A05C2	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05C2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05C2	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05C2	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05C2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05C2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C2	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05C3	R1632051	COMPUTER NETWORKS	B	3
16A81A05C3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05C3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05C3	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05C3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05C3	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05C3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C3	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05C4	R1632051	COMPUTER NETWORKS	B	3
16A81A05C4	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05C4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05C4	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05C4	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05C4	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05C4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C4	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05C5	R1632051	COMPUTER NETWORKS	A	3
16A81A05C5	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05C5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05C5	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05C5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05C5	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05C5	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05C5	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05C6	R1632051	COMPUTER NETWORKS	B	3
16A81A05C6	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05C6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05C6	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A05C6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05C6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05C6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C6	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05C7	R1632051	COMPUTER NETWORKS	S	3
16A81A05C7	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05C7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05C7	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05C7	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05C7	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05C7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05C7	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05C8	R1632051	COMPUTER NETWORKS	D	3
16A81A05C8	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05C8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A05C8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05C8	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05C8	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05C8	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05C8	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05D0	R1632051	COMPUTER NETWORKS	A	3
16A81A05D0	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05D0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05D0	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05D0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05D0	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D0	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05D1	R1632051	COMPUTER NETWORKS	C	3
16A81A05D1	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05D1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05D1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05D1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05D1	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D1	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05D2	R1632051	COMPUTER NETWORKS	C	3
16A81A05D2	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05D2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05D2	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05D2	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05D2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D2	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05D3	R1632051	COMPUTER NETWORKS	A	3
16A81A05D3	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05D3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05D3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05D3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05D3	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D3	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05D4	R1632051	COMPUTER NETWORKS	C	3
16A81A05D4	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05D4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05D4	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05D4	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05D4	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05D4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05D5	R1632051	COMPUTER NETWORKS	D	3
16A81A05D5	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05D5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05D5	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05D5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05D5	R1632057	SOFTWARE TESTING LAB	A	2

Htno	Subcode	Subname	Grade	Credits
16A81A05D5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05D6	R1632051	COMPUTER NETWORKS	S	3
16A81A05D6	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05D6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05D6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05D6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05D6	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D6	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05D7	R1632051	COMPUTER NETWORKS	A	3
16A81A05D7	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05D7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05D7	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05D7	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05D7	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05D7	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05D8	R1632051	COMPUTER NETWORKS	B	3
16A81A05D8	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05D8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05D8	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05D8	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05D8	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05D8	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05D8	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05D9	R1632051	COMPUTER NETWORKS	F	0
16A81A05D9	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05D9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05D9	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05D9	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05D9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05D9	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05D9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05E0	R1632051	COMPUTER NETWORKS	D	3
16A81A05E0	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05E0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05E0	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05E0	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05E0	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05E0	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05E0	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05E1	R1632051	COMPUTER NETWORKS	C	3
16A81A05E1	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05E1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05E1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05E1	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05E1	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05E1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05E1	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05E3	R1632051	COMPUTER NETWORKS	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A05E3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05E3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05E3	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05E3	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05E3	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05E3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05E3	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05E4	R1632051	COMPUTER NETWORKS	C	3
16A81A05E4	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05E4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05E4	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05E4	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05E4	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05E4	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05E4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05E5	R1632051	COMPUTER NETWORKS	F	0
16A81A05E5	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05E5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05E5	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05E5	R1632056	NETWORK PROGRAMMING LAB	C	2
16A81A05E5	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05E5	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05E5	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05E6	R1632051	COMPUTER NETWORKS	F	0
16A81A05E6	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05E6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05E6	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05E6	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05E6	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05E6	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05E6	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05E8	R1632051	COMPUTER NETWORKS	C	3
16A81A05E8	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05E8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05E8	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05E8	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05E8	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05E8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05E8	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05E9	R1632051	COMPUTER NETWORKS	C	3
16A81A05E9	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05E9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05E9	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05E9	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05E9	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05E9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05E9	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05F1	R1632051	COMPUTER NETWORKS	B	3
16A81A05F1	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05F1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05F1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A05F1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05F1	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05F1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05F1	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05F2	R1632051	COMPUTER NETWORKS	F	0
16A81A05F2	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05F2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05F2	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05F2	R1632056	NETWORK PROGRAMMING LAB	C	2
16A81A05F2	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05F2	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05F2	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05F3	R1632051	COMPUTER NETWORKS	B	3
16A81A05F3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05F3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05F3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05F3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05F3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05F3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05F3	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05F4	R1632051	COMPUTER NETWORKS	B	3
16A81A05F4	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05F4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05F4	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05F4	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05F4	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05F4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05F4	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05F5	R1632051	COMPUTER NETWORKS	A	3
16A81A05F5	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05F5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05F5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05F5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05F5	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05F5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05F5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05F7	R1632051	COMPUTER NETWORKS	F	0
16A81A05F7	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05F7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05F7	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05F7	R1632056	NETWORK PROGRAMMING LAB	C	2
16A81A05F7	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05F7	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05F7	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05F8	R1632051	COMPUTER NETWORKS	A	3
16A81A05F8	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05F8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05F8	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05F8	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05F8	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05F8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A05F8	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05F9	R1632051	COMPUTER NETWORKS	C	3
16A81A05F9	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05F9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05F9	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05F9	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05F9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05F9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05F9	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05G0	R1632051	COMPUTER NETWORKS	B	3
16A81A05G0	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05G0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05G0	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05G0	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05G0	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05G0	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05G0	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05G2	R1632051	COMPUTER NETWORKS	A	3
16A81A05G2	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05G2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05G2	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05G2	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05G2	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05G2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G2	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05G3	R1632051	COMPUTER NETWORKS	A	3
16A81A05G3	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05G3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05G3	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05G3	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05G3	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05G3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G3	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05G4	R1632051	COMPUTER NETWORKS	B	3
16A81A05G4	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05G4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05G4	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05G4	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05G4	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05G4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G4	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05G5	R1632051	COMPUTER NETWORKS	C	3
16A81A05G5	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05G5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05G5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05G5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05G5	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05G5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G5	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05G6	R1632051	COMPUTER NETWORKS	C	3
16A81A05G6	R1632052	DATA WAREHOUSING AND MINING	C	3

Htno	Subcode	Subname	Grade	Credits
16A81A05G6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05G6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05G6	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05G6	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05G6	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05G6	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05G7	R1632051	COMPUTER NETWORKS	A	3
16A81A05G7	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05G7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	O	3
16A81A05G7	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05G7	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05G7	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05G7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G7	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05G8	R1632051	COMPUTER NETWORKS	B	3
16A81A05G8	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05G8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05G8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05G8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05G8	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05G8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05G8	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A05G9	R1632051	COMPUTER NETWORKS	D	3
16A81A05G9	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05G9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05G9	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05G9	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05G9	R1632057	SOFTWARE TESTING LAB	B	2
16A81A05G9	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05G9	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05H1	R1632051	COMPUTER NETWORKS	B	3
16A81A05H1	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05H1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05H1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H1	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05H1	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05H1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H1	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05H2	R1632051	COMPUTER NETWORKS	A	3
16A81A05H2	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05H2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05H2	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H2	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05H2	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05H2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H2	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05H4	R1632051	COMPUTER NETWORKS	D	3
16A81A05H4	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05H4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05H4	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05H4	R1632056	NETWORK PROGRAMMING LAB	A	2

Htno	Subcode	Subname	Grade	Credits
16A81A05H4	R1632057	SOFTWARE TESTING LAB	C	2
16A81A05H4	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05H4	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05H5	R1632051	COMPUTER NETWORKS	C	3
16A81A05H5	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05H5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05H5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05H5	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05H5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05H6	R1632051	COMPUTER NETWORKS	C	3
16A81A05H6	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05H6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05H6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H6	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05H6	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05H6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H6	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05H7	R1632051	COMPUTER NETWORKS	D	3
16A81A05H7	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05H7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05H7	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05H7	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05H7	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05H7	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05H7	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05H8	R1632051	COMPUTER NETWORKS	B	3
16A81A05H8	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05H8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05H8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05H8	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05H8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H8	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05H9	R1632051	COMPUTER NETWORKS	A	3
16A81A05H9	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05H9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05H9	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05H9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05H9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05H9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05H9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I0	R1632051	COMPUTER NETWORKS	B	3
16A81A05I0	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05I0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05I0	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05I0	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I0	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05I0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I0	R163205A	ARTIFICIAL INTELLIGENCE	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A05I1	R1632051	COMPUTER NETWORKS	A	3
16A81A05I1	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05I1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05I1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05I1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05I1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I1	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I2	R1632051	COMPUTER NETWORKS	B	3
16A81A05I2	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05I2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05I2	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05I2	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05I2	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05I2	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05I3	R1632051	COMPUTER NETWORKS	A	3
16A81A05I3	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05I3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05I3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05I3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I3	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05I4	R1632051	COMPUTER NETWORKS	A	3
16A81A05I4	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05I4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05I4	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05I4	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I4	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I5	R1632051	COMPUTER NETWORKS	B	3
16A81A05I5	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05I5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05I5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05I5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I5	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05I6	R1632051	COMPUTER NETWORKS	B	3
16A81A05I6	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05I6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05I6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05I6	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05I6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I6	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I7	R1632051	COMPUTER NETWORKS	B	3
16A81A05I7	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05I7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A05I7	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05I7	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05I7	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I7	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I8	R1632051	COMPUTER NETWORKS	A	3
16A81A05I8	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05I8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05I8	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05I8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05I8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05I8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05I8	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05I9	R1632051	COMPUTER NETWORKS	B	3
16A81A05I9	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05I9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05I9	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05I9	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05I9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05I9	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05I9	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05J1	R1632051	COMPUTER NETWORKS	A	3
16A81A05J1	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05J1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05J1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05J1	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05J1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05J1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J1	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A05J2	R1632051	COMPUTER NETWORKS	F	0
16A81A05J2	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05J2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05J2	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05J2	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05J2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05J2	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05J2	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05J3	R1632051	COMPUTER NETWORKS	B	3
16A81A05J3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05J3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05J3	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05J3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05J3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05J3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J3	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05J4	R1632051	COMPUTER NETWORKS	S	3
16A81A05J4	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05J4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05J4	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05J4	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05J4	R1632057	SOFTWARE TESTING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A05J4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05J5	R1632051	COMPUTER NETWORKS	B	3
16A81A05J5	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05J5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05J5	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05J5	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05J5	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05J5	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05J5	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05J6	R1632051	COMPUTER NETWORKS	C	3
16A81A05J6	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05J6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05J6	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05J6	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05J6	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05J6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J6	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05J7	R1632051	COMPUTER NETWORKS	A	3
16A81A05J7	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05J7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05J7	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05J7	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05J7	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05J7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J7	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05J8	R1632051	COMPUTER NETWORKS	A	3
16A81A05J8	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05J8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05J8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05J8	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05J8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05J8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05J8	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05J9	R1632051	COMPUTER NETWORKS	C	3
16A81A05J9	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05J9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05J9	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05J9	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05J9	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05J9	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05J9	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05K0	R1632051	COMPUTER NETWORKS	C	3
16A81A05K0	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05K0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05K0	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05K0	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05K0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K0	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05K1	R1632051	COMPUTER NETWORKS	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A05K1	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05K1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05K1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05K1	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05K1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K1	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05K2	R1632051	COMPUTER NETWORKS	C	3
16A81A05K2	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05K2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05K2	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05K2	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05K2	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K2	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05K3	R1632051	COMPUTER NETWORKS	D	3
16A81A05K3	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05K3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05K3	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05K3	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05K3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K3	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05K4	R1632051	COMPUTER NETWORKS	D	3
16A81A05K4	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05K4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05K4	R1632054	SOFTWARE TESTING METHODOLOGIES	F	0
16A81A05K4	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05K4	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05K4	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05K4	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05K5	R1632051	COMPUTER NETWORKS	B	3
16A81A05K5	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05K5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05K5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05K5	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05K5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05K6	R1632051	COMPUTER NETWORKS	S	3
16A81A05K6	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05K6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05K6	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05K6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05K6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K6	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05K7	R1632051	COMPUTER NETWORKS	B	3
16A81A05K7	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05K7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05K7	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3

Htno	Subcode	Subname	Grade	Credits
16A81A05K7	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05K7	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K7	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A05K8	R1632051	COMPUTER NETWORKS	D	3
16A81A05K8	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05K8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05K8	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05K8	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05K8	R1632057	SOFTWARE TESTING LAB	A	2
16A81A05K8	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05K8	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05K9	R1632051	COMPUTER NETWORKS	A	3
16A81A05K9	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05K9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05K9	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05K9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05K9	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05K9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05K9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05L0	R1632051	COMPUTER NETWORKS	A	3
16A81A05L0	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05L0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	O	3
16A81A05L0	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05L0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05L0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L0	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05L1	R1632051	COMPUTER NETWORKS	C	3
16A81A05L1	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05L1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
16A81A05L1	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05L1	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05L1	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05L1	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05L1	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A81A05L2	R1632051	COMPUTER NETWORKS	C	3
16A81A05L2	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05L2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05L2	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05L2	R1632056	NETWORK PROGRAMMING LAB	A	2
16A81A05L2	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L2	R163205A	ARTIFICIAL INTELLIGENCE	C	3
16A81A05L3	R1632051	COMPUTER NETWORKS	S	3
16A81A05L3	R1632052	DATA WAREHOUSING AND MINING	O	3
16A81A05L3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05L3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05L3	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05L3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A05L3	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05L5	R1632051	COMPUTER NETWORKS	A	3
16A81A05L5	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05L5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05L5	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05L5	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05L5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05L6	R1632051	COMPUTER NETWORKS	A	3
16A81A05L6	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05L6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05L6	R1632054	SOFTWARE TESTING METHODOLOGIES	O	3
16A81A05L6	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05L6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L6	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A05L7	R1632051	COMPUTER NETWORKS	D	3
16A81A05L7	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05L7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05L7	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05L7	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05L7	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05L7	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05L7	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05L8	R1632051	COMPUTER NETWORKS	A	3
16A81A05L8	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05L8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05L8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05L8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05L8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L8	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05L9	R1632051	COMPUTER NETWORKS	A	3
16A81A05L9	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05L9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05L9	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05L9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05L9	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05L9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05L9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05M0	R1632051	COMPUTER NETWORKS	B	3
16A81A05M0	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05M0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05M0	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05M0	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M0	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05M1	R1632051	COMPUTER NETWORKS	C	3
16A81A05M1	R1632052	DATA WAREHOUSING AND MINING	B	3

Htno	Subcode	Subname	Grade	Credits
16A81A05M1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05M1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05M1	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M1	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M1	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05M2	R1632051	COMPUTER NETWORKS	B	3
16A81A05M2	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05M2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05M2	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05M2	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05M2	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M2	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M2	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05M3	R1632051	COMPUTER NETWORKS	A	3
16A81A05M3	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05M3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05M3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05M3	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M3	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05M4	R1632051	COMPUTER NETWORKS	A	3
16A81A05M4	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05M4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05M4	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A05M4	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M4	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M4	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05M5	R1632051	COMPUTER NETWORKS	B	3
16A81A05M5	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05M5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05M5	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05M5	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M5	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05M6	R1632051	COMPUTER NETWORKS	A	3
16A81A05M6	R1632052	DATA WAREHOUSING AND MINING	O	3
16A81A05M6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05M6	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05M6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05M6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M6	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05M7	R1632051	COMPUTER NETWORKS	B	3
16A81A05M7	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05M7	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05M7	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05M7	R1632056	NETWORK PROGRAMMING LAB	O	2

Htno	Subcode	Subname	Grade	Credits
16A81A05M7	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05M7	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M7	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05M8	R1632051	COMPUTER NETWORKS	A	3
16A81A05M8	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05M8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05M8	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A05M8	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05M8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M8	R163205A	ARTIFICIAL INTELLIGENCE	S	3
16A81A05M9	R1632051	COMPUTER NETWORKS	B	3
16A81A05M9	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05M9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05M9	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05M9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05M9	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05M9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05M9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05N0	R1632051	COMPUTER NETWORKS	A	3
16A81A05N0	R1632052	DATA WAREHOUSING AND MINING	O	3
16A81A05N0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05N0	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05N0	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N0	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N0	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N0	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05N1	R1632051	COMPUTER NETWORKS	A	3
16A81A05N1	R1632052	DATA WAREHOUSING AND MINING	C	3
16A81A05N1	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
16A81A05N1	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05N1	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05N1	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N1	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05N1	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05N2	R1632051	COMPUTER NETWORKS	F	0
16A81A05N2	R1632052	DATA WAREHOUSING AND MINING	F	0
16A81A05N2	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	F	0
16A81A05N2	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16A81A05N2	R1632056	NETWORK PROGRAMMING LAB	B	2
16A81A05N2	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05N2	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
16A81A05N2	R163205A	ARTIFICIAL INTELLIGENCE	F	0
16A81A05N3	R1632051	COMPUTER NETWORKS	S	3
16A81A05N3	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05N3	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05N3	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05N3	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N3	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N3	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N3	R163205A	ARTIFICIAL INTELLIGENCE	S	3

Htno	Subcode	Subname	Grade	Credits
16A81A05N4	R1632051	COMPUTER NETWORKS	A	3
16A81A05N4	R1632052	DATA WAREHOUSING AND MINING	S	3
16A81A05N4	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05N4	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05N4	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N4	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N4	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N4	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05N5	R1632051	COMPUTER NETWORKS	A	3
16A81A05N5	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05N5	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	O	3
16A81A05N5	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05N5	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N5	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N5	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N5	R163205A	ARTIFICIAL INTELLIGENCE	B	3
16A81A05N6	R1632051	COMPUTER NETWORKS	C	3
16A81A05N6	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05N6	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	S	3
16A81A05N6	R1632054	SOFTWARE TESTING METHODOLOGIES	S	3
16A81A05N6	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N6	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N6	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N6	R163205A	ARTIFICIAL INTELLIGENCE	O	3
16A81A05N8	R1632051	COMPUTER NETWORKS	A	3
16A81A05N8	R1632052	DATA WAREHOUSING AND MINING	B	3
16A81A05N8	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05N8	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
16A81A05N8	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N8	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N8	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N8	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05N9	R1632051	COMPUTER NETWORKS	A	3
16A81A05N9	R1632052	DATA WAREHOUSING AND MINING	A	3
16A81A05N9	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
16A81A05N9	R1632054	SOFTWARE TESTING METHODOLOGIES	A	3
16A81A05N9	R1632056	NETWORK PROGRAMMING LAB	O	2
16A81A05N9	R1632057	SOFTWARE TESTING LAB	O	2
16A81A05N9	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16A81A05N9	R163205A	ARTIFICIAL INTELLIGENCE	A	3
16A81A05O0	R1632051	COMPUTER NETWORKS	D	3
16A81A05O0	R1632052	DATA WAREHOUSING AND MINING	D	3
16A81A05O0	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16A81A05O0	R1632054	SOFTWARE TESTING METHODOLOGIES	D	3
16A81A05O0	R1632056	NETWORK PROGRAMMING LAB	S	2
16A81A05O0	R1632057	SOFTWARE TESTING LAB	S	2
16A81A05O0	R1632058	DATA WAREHOUSING AND MINING LAB	S	2
16A81A05O0	R163205A	ARTIFICIAL INTELLIGENCE	D	3
16A85A0108	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	A	3
16A85A0108	R1632012	GEOTECHNICAL ENGINEERING - I	S	3
16A85A0108	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3

Htno	Subcode	Subname	Grade	Credits
16A85A0108	R1632014	WATER RESOURCE ENGINEERING -I	C	3
16A85A0108	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
16A85A0108	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
16A85A0108	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
16A85A0108	R163201B	DBMS	D	3
16A85A0205	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
16A85A0205	R1632022	POWER SYSTEM ANALYSIS	D	3
16A85A0205	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
16A85A0205	R1632024	DATA STRUCTURES	F	0
16A85A0205	R1632026	POWER ELECTRONICS LABORATORY	B	2
16A85A0205	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
16A85A0205	R1632028	DATA STRUCTURES LABORATORY	B	2
16A85A0205	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
16A85A0316	PT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	A	3
16A85A0316	R1632031	METROLOGY	D	3
16A85A0316	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
16A85A0316	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
16A85A0316	R1632034	HEAT TRANSFER	F	0
16A85A0316	R1632036	HEAT TRANSFER LAB	S	2
16A85A0316	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
16A85A0316	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
16A85A0316	R163203D	GREEN ENGINEERING SYSTEMS	C	3
16MU1A0525	R1632051	COMPUTER NETWORKS	D	3
16MU1A0525	R1632052	DATA WAREHOUSING AND MINING	C	3
16MU1A0525	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
16MU1A0525	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
16MU1A0525	R1632056	NETWORK PROGRAMMING LAB	S	2
16MU1A0525	R1632057	SOFTWARE TESTING LAB	S	2
16MU1A0525	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
16MU1A0525	R163205A	ARTIFICIAL INTELLIGENCE	C	3
17A05A0215	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A05A0215	R1632022	POWER SYSTEM ANALYSIS	C	3
17A05A0215	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A05A0215	R1632024	DATA STRUCTURES	D	3
17A05A0215	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A05A0215	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A05A0215	R1632028	DATA STRUCTURES LABORATORY	A	2
17A05A0215	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0101	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	A	3
17A85A0101	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
17A85A0101	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
17A85A0101	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0101	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0101	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
17A85A0101	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
17A85A0101	R163201B	DBMS	F	0
17A85A0102	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
17A85A0102	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
17A85A0102	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
17A85A0102	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0102	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0102	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0102	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
17A85A0102	R163201B	DBMS	F	0
17A85A0103	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	D	3
17A85A0103	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
17A85A0103	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
17A85A0103	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0103	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
17A85A0103	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0103	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0103	R163201B	DBMS	F	0
17A85A0104	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
17A85A0104	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
17A85A0104	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
17A85A0104	R1632014	WATER RESOURCE ENGINEERING -I	C	3
17A85A0104	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0104	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0104	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0104	R163201B	DBMS	F	0
17A85A0105	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	S	3
17A85A0105	R1632012	GEOTECHNICAL ENGINEERING - I	A	3
17A85A0105	R1632013	ENVIRONMENTAL ENGINEERING -I	O	3
17A85A0105	R1632014	WATER RESOURCE ENGINEERING -I	A	3
17A85A0105	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0105	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
17A85A0105	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
17A85A0105	R163201B	DBMS	A	3
17A85A0106	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
17A85A0106	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
17A85A0106	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
17A85A0106	R1632014	WATER RESOURCE ENGINEERING -I	F	0
17A85A0106	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
17A85A0106	R1632017	ENVIRONMENTAL ENGINEERING LAB	B	2
17A85A0106	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
17A85A0106	R163201B	DBMS	F	0
17A85A0107	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
17A85A0107	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
17A85A0107	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
17A85A0107	R1632014	WATER RESOURCE ENGINEERING -I	B	3
17A85A0107	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0107	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
17A85A0107	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
17A85A0107	R163201B	DBMS	C	3
17A85A0108	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
17A85A0108	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
17A85A0108	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
17A85A0108	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0108	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
17A85A0108	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0108	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0108	R163201B	DBMS	F	0

Htno	Subcode	Subname	Grade	Credits
17A85A0109	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
17A85A0109	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
17A85A0109	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
17A85A0109	R1632014	WATER RESOURCE ENGINEERING -I	F	0
17A85A0109	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
17A85A0109	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0109	R1632018	COMPUTER AIDED ENGINEERING LAB	D	2
17A85A0109	R163201B	DBMS	F	0
17A85A0111	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	B	3
17A85A0111	R1632012	GEOTECHNICAL ENGINEERING - I	S	3
17A85A0111	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
17A85A0111	R1632014	WATER RESOURCE ENGINEERING -I	A	3
17A85A0111	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0111	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
17A85A0111	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
17A85A0111	R163201B	DBMS	C	3
17A85A0112	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
17A85A0112	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
17A85A0112	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
17A85A0112	R1632014	WATER RESOURCE ENGINEERING -I	F	0
17A85A0112	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0112	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0112	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
17A85A0112	R163201B	DBMS	F	0
17A85A0113	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	S	3
17A85A0113	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
17A85A0113	R1632013	ENVIRONMENTAL ENGINEERING -I	S	3
17A85A0113	R1632014	WATER RESOURCE ENGINEERING -I	C	3
17A85A0113	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0113	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
17A85A0113	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
17A85A0113	R163201B	DBMS	C	3
17A85A0114	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
17A85A0114	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
17A85A0114	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
17A85A0114	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0114	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0114	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0114	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0114	R163201B	DBMS	F	0
17A85A0115	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
17A85A0115	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
17A85A0115	R1632013	ENVIRONMENTAL ENGINEERING -I	D	3
17A85A0115	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0115	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0115	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
17A85A0115	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0115	R163201B	DBMS	F	0
17A85A0116	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
17A85A0116	R1632012	GEOTECHNICAL ENGINEERING - I	C	3
17A85A0116	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3

Htno	Subcode	Subname	Grade	Credits
17A85A0116	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0116	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0116	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
17A85A0116	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0116	R163201B	DBMS	F	0
17A85A0117	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	F	0
17A85A0117	R1632012	GEOTECHNICAL ENGINEERING - I	A	3
17A85A0117	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
17A85A0117	R1632014	WATER RESOURCE ENGINEERING -I	C	3
17A85A0117	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0117	R1632017	ENVIRONMENTAL ENGINEERING LAB	O	2
17A85A0117	R1632018	COMPUTER AIDED ENGINEERING LAB	O	2
17A85A0117	R163201B	DBMS	B	3
17A85A0118	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	S	3
17A85A0118	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
17A85A0118	R1632013	ENVIRONMENTAL ENGINEERING -I	A	3
17A85A0118	R1632014	WATER RESOURCE ENGINEERING -I	A	3
17A85A0118	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0118	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
17A85A0118	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
17A85A0118	R163201B	DBMS	C	3
17A85A0121	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	A	3
17A85A0121	R1632012	GEOTECHNICAL ENGINEERING - I	B	3
17A85A0121	R1632013	ENVIRONMENTAL ENGINEERING -I	B	3
17A85A0121	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0121	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0121	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0121	R1632018	COMPUTER AIDED ENGINEERING LAB	A	2
17A85A0121	R163201B	DBMS	B	3
17A85A0122	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	D	3
17A85A0122	R1632012	GEOTECHNICAL ENGINEERING - I	F	0
17A85A0122	R1632013	ENVIRONMENTAL ENGINEERING -I	F	0
17A85A0122	R1632014	WATER RESOURCE ENGINEERING -I	F	0
17A85A0122	R1632016	GEOTECHNICAL ENGINEERING LAB	S	2
17A85A0122	R1632017	ENVIRONMENTAL ENGINEERING LAB	A	2
17A85A0122	R1632018	COMPUTER AIDED ENGINEERING LAB	B	2
17A85A0122	R163201B	DBMS	F	0
17A85A0123	R1632011	DESIGN & DRAWING OF STEEL STRUCTURES	C	3
17A85A0123	R1632012	GEOTECHNICAL ENGINEERING - I	D	3
17A85A0123	R1632013	ENVIRONMENTAL ENGINEERING -I	C	3
17A85A0123	R1632014	WATER RESOURCE ENGINEERING -I	D	3
17A85A0123	R1632016	GEOTECHNICAL ENGINEERING LAB	O	2
17A85A0123	R1632017	ENVIRONMENTAL ENGINEERING LAB	S	2
17A85A0123	R1632018	COMPUTER AIDED ENGINEERING LAB	S	2
17A85A0123	R163201B	DBMS	D	3
17A85A0201	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0201	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0201	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0201	R1632024	DATA STRUCTURES	C	3
17A85A0201	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0201	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0201	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0201	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0202	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
17A85A0202	R1632022	POWER SYSTEM ANALYSIS	S	3
17A85A0202	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0202	R1632024	DATA STRUCTURES	A	3
17A85A0202	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0202	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0202	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0202	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0203	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0203	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0203	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0203	R1632024	DATA STRUCTURES	C	3
17A85A0203	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0203	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0203	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0203	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
17A85A0204	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0204	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0204	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0204	R1632024	DATA STRUCTURES	D	3
17A85A0204	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0204	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0204	R1632028	DATA STRUCTURES LABORATORY	A	2
17A85A0204	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0205	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0205	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0205	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0205	R1632024	DATA STRUCTURES	B	3
17A85A0205	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0205	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0205	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0205	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0206	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0206	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0206	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0206	R1632024	DATA STRUCTURES	F	0
17A85A0206	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0206	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0206	R1632028	DATA STRUCTURES LABORATORY	A	2
17A85A0206	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0207	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0207	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0207	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0207	R1632024	DATA STRUCTURES	D	3
17A85A0207	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0207	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0207	R1632028	DATA STRUCTURES LABORATORY	A	2
17A85A0207	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0208	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0

Htno	Subcode	Subname	Grade	Credits
17A85A0208	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0208	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0208	R1632024	DATA STRUCTURES	F	0
17A85A0208	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0208	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0208	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0208	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
17A85A0209	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0209	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0209	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0209	R1632024	DATA STRUCTURES	F	0
17A85A0209	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0209	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0209	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0209	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0210	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0210	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0210	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0210	R1632024	DATA STRUCTURES	D	3
17A85A0210	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0210	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0210	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0210	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0211	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0211	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0211	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0211	R1632024	DATA STRUCTURES	D	3
17A85A0211	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0211	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0211	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0211	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0212	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0212	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0212	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
17A85A0212	R1632024	DATA STRUCTURES	D	3
17A85A0212	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0212	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0212	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0212	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0213	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0213	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0213	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0213	R1632024	DATA STRUCTURES	C	3
17A85A0213	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0213	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0213	R1632028	DATA STRUCTURES LABORATORY	A	2
17A85A0213	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0214	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0214	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0214	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0214	R1632024	DATA STRUCTURES	D	3

Htno	Subcode	Subname	Grade	Credits
17A85A0214	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0214	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0214	R1632028	DATA STRUCTURES LABORATORY	A	2
17A85A0214	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0216	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0216	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0216	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0216	R1632024	DATA STRUCTURES	C	3
17A85A0216	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0216	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0216	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0216	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0217	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0217	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0217	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
17A85A0217	R1632024	DATA STRUCTURES	D	3
17A85A0217	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0217	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0217	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0217	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0219	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0219	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0219	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0219	R1632024	DATA STRUCTURES	F	0
17A85A0219	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0219	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0219	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0219	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0220	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0220	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0220	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0220	R1632024	DATA STRUCTURES	D	3
17A85A0220	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0220	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0220	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0220	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0221	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0221	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0221	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0221	R1632024	DATA STRUCTURES	C	3
17A85A0221	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0221	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0221	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0221	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0222	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0222	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0222	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0222	R1632024	DATA STRUCTURES	D	3
17A85A0222	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0222	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0222	R1632028	DATA STRUCTURES LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0222	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0223	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	S	3
17A85A0223	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0223	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
17A85A0223	R1632024	DATA STRUCTURES	B	3
17A85A0223	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0223	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0223	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0223	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
17A85A0224	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0224	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0224	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0224	R1632024	DATA STRUCTURES	B	3
17A85A0224	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0224	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0224	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0224	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0225	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0225	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0225	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0225	R1632024	DATA STRUCTURES	B	3
17A85A0225	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0225	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0225	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0225	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0226	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0226	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0226	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0226	R1632024	DATA STRUCTURES	D	3
17A85A0226	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0226	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0226	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0226	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0227	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0227	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0227	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
17A85A0227	R1632024	DATA STRUCTURES	B	3
17A85A0227	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0227	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0227	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0227	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
17A85A0228	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0228	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0228	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0228	R1632024	DATA STRUCTURES	C	3
17A85A0228	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0228	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0228	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0228	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0229	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0229	R1632022	POWER SYSTEM ANALYSIS	F	0

Htno	Subcode	Subname	Grade	Credits
17A85A0229	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0229	R1632024	DATA STRUCTURES	F	0
17A85A0229	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0229	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0229	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0229	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	D	3
17A85A0230	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0230	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0230	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0230	R1632024	DATA STRUCTURES	D	3
17A85A0230	R1632026	POWER ELECTRONICS LABORATORY	S	2
17A85A0230	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0230	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0230	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0231	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0231	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0231	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	A	3
17A85A0231	R1632024	DATA STRUCTURES	B	3
17A85A0231	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0231	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0231	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0231	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0232	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0232	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0232	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0232	R1632024	DATA STRUCTURES	D	3
17A85A0232	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0232	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0232	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0232	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0233	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	D	3
17A85A0233	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0233	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0233	R1632024	DATA STRUCTURES	D	3
17A85A0233	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0233	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0233	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0233	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	C	3
17A85A0234	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0234	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0234	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0234	R1632024	DATA STRUCTURES	D	3
17A85A0234	R1632026	POWER ELECTRONICS LABORATORY	B	2
17A85A0234	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0234	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0234	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0235	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0235	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0235	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	F	0
17A85A0235	R1632024	DATA STRUCTURES	C	3
17A85A0235	R1632026	POWER ELECTRONICS LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0235	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	A	2
17A85A0235	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0235	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	F	0
17A85A0236	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0236	R1632022	POWER SYSTEM ANALYSIS	S	3
17A85A0236	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	B	3
17A85A0236	R1632024	DATA STRUCTURES	A	3
17A85A0236	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0236	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0236	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0236	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	O	3
17A85A0237	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
17A85A0237	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0237	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0237	R1632024	DATA STRUCTURES	B	3
17A85A0237	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0237	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0237	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0237	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	S	3
17A85A0238	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	B	3
17A85A0238	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0238	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0238	R1632024	DATA STRUCTURES	C	3
17A85A0238	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0238	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0238	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0238	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0239	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0239	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0239	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0239	R1632024	DATA STRUCTURES	D	3
17A85A0239	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0239	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0239	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0239	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0240	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0240	R1632022	POWER SYSTEM ANALYSIS	C	3
17A85A0240	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0240	R1632024	DATA STRUCTURES	B	3
17A85A0240	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0240	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0240	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0240	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0241	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	A	3
17A85A0241	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0241	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	C	3
17A85A0241	R1632024	DATA STRUCTURES	C	3
17A85A0241	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0241	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0241	R1632028	DATA STRUCTURES LABORATORY	O	2
17A85A0241	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3

Htno	Subcode	Subname	Grade	Credits
17A85A0242	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	F	0
17A85A0242	R1632022	POWER SYSTEM ANALYSIS	F	0
17A85A0242	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0242	R1632024	DATA STRUCTURES	D	3
17A85A0242	R1632026	POWER ELECTRONICS LABORATORY	O	2
17A85A0242	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0242	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0242	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0243	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0243	R1632022	POWER SYSTEM ANALYSIS	D	3
17A85A0243	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0243	R1632024	DATA STRUCTURES	F	0
17A85A0243	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0243	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	O	2
17A85A0243	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0243	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	B	3
17A85A0244	R1632021	POWER ELECTRONIC CONTROLLERS & DRIVES	C	3
17A85A0244	R1632022	POWER SYSTEM ANALYSIS	B	3
17A85A0244	R1632023	MICRO PROCESSORS AND MICRO CONTROLLERS	D	3
17A85A0244	R1632024	DATA STRUCTURES	B	3
17A85A0244	R1632026	POWER ELECTRONICS LABORATORY	A	2
17A85A0244	R1632027	MICROPROCESSORS & MICROCONTROLLERS LABOR	S	2
17A85A0244	R1632028	DATA STRUCTURES LABORATORY	S	2
17A85A0244	R163202F	ENERGY AUDIT AND CONSERVATION&MANAGEMENT	A	3
17A85A0301	R1632031	METROLOGY	B	3
17A85A0301	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0301	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0301	R1632034	HEAT TRANSFER	F	0
17A85A0301	R1632036	HEAT TRANSFER LAB	S	2
17A85A0301	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0301	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0301	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0302	R1632031	METROLOGY	A	3
17A85A0302	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0302	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0302	R1632034	HEAT TRANSFER	B	3
17A85A0302	R1632036	HEAT TRANSFER LAB	O	2
17A85A0302	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0302	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0302	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0304	R1632031	METROLOGY	B	3
17A85A0304	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0304	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0304	R1632034	HEAT TRANSFER	D	3
17A85A0304	R1632036	HEAT TRANSFER LAB	S	2
17A85A0304	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0304	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0304	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0305	R1632031	METROLOGY	D	3
17A85A0305	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0305	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3

Htno	Subcode	Subname	Grade	Credits
17A85A0305	R1632034	HEAT TRANSFER	D	3
17A85A0305	R1632036	HEAT TRANSFER LAB	S	2
17A85A0305	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0305	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0305	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0306	R1632031	METROLOGY	A	3
17A85A0306	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
17A85A0306	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
17A85A0306	R1632034	HEAT TRANSFER	B	3
17A85A0306	R1632036	HEAT TRANSFER LAB	O	2
17A85A0306	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
17A85A0306	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0306	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0307	R1632031	METROLOGY	C	3
17A85A0307	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0307	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0307	R1632034	HEAT TRANSFER	D	3
17A85A0307	R1632036	HEAT TRANSFER LAB	A	2
17A85A0307	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0307	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0307	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0308	R1632031	METROLOGY	A	3
17A85A0308	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0308	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0308	R1632034	HEAT TRANSFER	B	3
17A85A0308	R1632036	HEAT TRANSFER LAB	S	2
17A85A0308	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0308	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0308	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0309	R1632031	METROLOGY	S	3
17A85A0309	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0309	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
17A85A0309	R1632034	HEAT TRANSFER	A	3
17A85A0309	R1632036	HEAT TRANSFER LAB	S	2
17A85A0309	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0309	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0309	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0310	R1632031	METROLOGY	A	3
17A85A0310	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0310	R1632033	REFRIGERATION & AIR-CONDITIONING	S	3
17A85A0310	R1632034	HEAT TRANSFER	B	3
17A85A0310	R1632036	HEAT TRANSFER LAB	S	2
17A85A0310	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0310	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0310	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0311	R1632031	METROLOGY	A	3
17A85A0311	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0311	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
17A85A0311	R1632034	HEAT TRANSFER	B	3
17A85A0311	R1632036	HEAT TRANSFER LAB	O	2
17A85A0311	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2

Htno	Subcode	Subname	Grade	Credits
17A85A0311	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0311	R163203D	GREEN ENGINEERING SYSTEMS	S	3
17A85A0312	R1632031	METROLOGY	C	3
17A85A0312	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0312	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
17A85A0312	R1632034	HEAT TRANSFER	C	3
17A85A0312	R1632036	HEAT TRANSFER LAB	S	2
17A85A0312	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0312	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0312	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0313	R1632031	METROLOGY	C	3
17A85A0313	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
17A85A0313	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0313	R1632034	HEAT TRANSFER	D	3
17A85A0313	R1632036	HEAT TRANSFER LAB	A	2
17A85A0313	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0313	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0313	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0314	R1632031	METROLOGY	C	3
17A85A0314	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0314	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0314	R1632034	HEAT TRANSFER	D	3
17A85A0314	R1632036	HEAT TRANSFER LAB	S	2
17A85A0314	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0314	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0314	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0315	R1632031	METROLOGY	S	3
17A85A0315	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0315	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0315	R1632034	HEAT TRANSFER	B	3
17A85A0315	R1632036	HEAT TRANSFER LAB	O	2
17A85A0315	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
17A85A0315	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0315	R163203D	GREEN ENGINEERING SYSTEMS	S	3
17A85A0316	R1632031	METROLOGY	C	3
17A85A0316	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0316	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0316	R1632034	HEAT TRANSFER	B	3
17A85A0316	R1632036	HEAT TRANSFER LAB	O	2
17A85A0316	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0316	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0316	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0317	R1632031	METROLOGY	B	3
17A85A0317	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	D	3
17A85A0317	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0317	R1632034	HEAT TRANSFER	D	3
17A85A0317	R1632036	HEAT TRANSFER LAB	O	2
17A85A0317	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0317	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0317	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0318	R1632031	METROLOGY	C	3

Htno	Subcode	Subname	Grade	Credits
17A85A0318	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
17A85A0318	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
17A85A0318	R1632034	HEAT TRANSFER	D	3
17A85A0318	R1632036	HEAT TRANSFER LAB	O	2
17A85A0318	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0318	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0318	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0319	R1632031	METROLOGY	B	3
17A85A0319	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0319	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0319	R1632034	HEAT TRANSFER	D	3
17A85A0319	R1632036	HEAT TRANSFER LAB	S	2
17A85A0319	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0319	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0319	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0320	R1632031	METROLOGY	B	3
17A85A0320	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0320	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0320	R1632034	HEAT TRANSFER	B	3
17A85A0320	R1632036	HEAT TRANSFER LAB	O	2
17A85A0320	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0320	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0320	R163203D	GREEN ENGINEERING SYSTEMS	S	3
17A85A0321	R1632031	METROLOGY	C	3
17A85A0321	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0321	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0321	R1632034	HEAT TRANSFER	D	3
17A85A0321	R1632036	HEAT TRANSFER LAB	S	2
17A85A0321	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0321	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0321	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0322	R1632031	METROLOGY	B	3
17A85A0322	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0322	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0322	R1632034	HEAT TRANSFER	C	3
17A85A0322	R1632036	HEAT TRANSFER LAB	O	2
17A85A0322	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0322	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0322	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0323	R1632031	METROLOGY	B	3
17A85A0323	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0323	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0323	R1632034	HEAT TRANSFER	C	3
17A85A0323	R1632036	HEAT TRANSFER LAB	O	2
17A85A0323	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0323	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0323	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0324	R1632031	METROLOGY	B	3
17A85A0324	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0324	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0324	R1632034	HEAT TRANSFER	C	3

Htno	Subcode	Subname	Grade	Credits
17A85A0324	R1632036	HEAT TRANSFER LAB	S	2
17A85A0324	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0324	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0324	R163203D	GREEN ENGINEERING SYSTEMS	D	3
17A85A0325	R1632031	METROLOGY	S	3
17A85A0325	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0325	R1632033	REFRIGERATION & AIR-CONDITIONING	A	3
17A85A0325	R1632034	HEAT TRANSFER	C	3
17A85A0325	R1632036	HEAT TRANSFER LAB	O	2
17A85A0325	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0325	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0325	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0326	R1632031	METROLOGY	D	3
17A85A0326	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0326	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
17A85A0326	R1632034	HEAT TRANSFER	F	0
17A85A0326	R1632036	HEAT TRANSFER LAB	S	2
17A85A0326	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0326	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0326	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0327	R1632031	METROLOGY	B	3
17A85A0327	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0327	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0327	R1632034	HEAT TRANSFER	D	3
17A85A0327	R1632036	HEAT TRANSFER LAB	O	2
17A85A0327	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0327	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0327	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0328	R1632031	METROLOGY	D	3
17A85A0328	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	C	3
17A85A0328	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
17A85A0328	R1632034	HEAT TRANSFER	D	3
17A85A0328	R1632036	HEAT TRANSFER LAB	O	2
17A85A0328	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0328	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0328	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0329	R1632031	METROLOGY	C	3
17A85A0329	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0329	R1632033	REFRIGERATION & AIR-CONDITIONING	F	0
17A85A0329	R1632034	HEAT TRANSFER	F	0
17A85A0329	R1632036	HEAT TRANSFER LAB	O	2
17A85A0329	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0329	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0329	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0330	R1632031	METROLOGY	C	3
17A85A0330	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	O	3
17A85A0330	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0330	R1632034	HEAT TRANSFER	C	3
17A85A0330	R1632036	HEAT TRANSFER LAB	O	2
17A85A0330	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0330	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0330	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0331	R1632031	METROLOGY	A	3
17A85A0331	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0331	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0331	R1632034	HEAT TRANSFER	C	3
17A85A0331	R1632036	HEAT TRANSFER LAB	O	2
17A85A0331	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0331	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0331	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0332	R1632031	METROLOGY	B	3
17A85A0332	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	S	3
17A85A0332	R1632033	REFRIGERATION & AIR-CONDITIONING	B	3
17A85A0332	R1632034	HEAT TRANSFER	A	3
17A85A0332	R1632036	HEAT TRANSFER LAB	O	2
17A85A0332	R1632037	METROLOGY & INSTRUMENTATION LAB	O	2
17A85A0332	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	O	2
17A85A0332	R163203D	GREEN ENGINEERING SYSTEMS	A	3
17A85A0333	R1632031	METROLOGY	C	3
17A85A0333	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0333	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0333	R1632034	HEAT TRANSFER	C	3
17A85A0333	R1632036	HEAT TRANSFER LAB	O	2
17A85A0333	R1632037	METROLOGY & INSTRUMENTATION LAB	A	2
17A85A0333	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0333	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0334	R1632031	METROLOGY	B	3
17A85A0334	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0334	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
17A85A0334	R1632034	HEAT TRANSFER	C	3
17A85A0334	R1632036	HEAT TRANSFER LAB	O	2
17A85A0334	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0334	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0334	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0335	R1632031	METROLOGY	B	3
17A85A0335	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	B	3
17A85A0335	R1632033	REFRIGERATION & AIR-CONDITIONING	C	3
17A85A0335	R1632034	HEAT TRANSFER	D	3
17A85A0335	R1632036	HEAT TRANSFER LAB	O	2
17A85A0335	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0335	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	S	2
17A85A0335	R163203D	GREEN ENGINEERING SYSTEMS	B	3
17A85A0337	R1632031	METROLOGY	S	3
17A85A0337	R1632032	INSTRUMENTATION & CONTROL SYSTEMS	A	3
17A85A0337	R1632033	REFRIGERATION & AIR-CONDITIONING	D	3
17A85A0337	R1632034	HEAT TRANSFER	C	3
17A85A0337	R1632036	HEAT TRANSFER LAB	S	2
17A85A0337	R1632037	METROLOGY & INSTRUMENTATION LAB	S	2
17A85A0337	R1632038	COMPUTATIONAL FLUID DYNAMICS LAB	A	2
17A85A0337	R163203D	GREEN ENGINEERING SYSTEMS	C	3
17A85A0401	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
17A85A0401	R1632042	MICRO WAVE ENGINEERING	B	3

Htno	Subcode	Subname	Grade	Credits
17A85A0401	R1632043	VLSI DESIGN	C	3
17A85A0401	R1632044	DIGITAL SIGNAL PROCESSING	A	3
17A85A0401	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0401	R1632047	VLSI LAB	O	2
17A85A0401	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0401	R163204A	OOPS THROUGH JAVA	C	3
17A85A0402	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
17A85A0402	R1632042	MICRO WAVE ENGINEERING	A	3
17A85A0402	R1632043	VLSI DESIGN	A	3
17A85A0402	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0402	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0402	R1632047	VLSI LAB	O	2
17A85A0402	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0402	R163204A	OOPS THROUGH JAVA	B	3
17A85A0403	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
17A85A0403	R1632042	MICRO WAVE ENGINEERING	B	3
17A85A0403	R1632043	VLSI DESIGN	A	3
17A85A0403	R1632044	DIGITAL SIGNAL PROCESSING	B	3
17A85A0403	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0403	R1632047	VLSI LAB	O	2
17A85A0403	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0403	R163204A	OOPS THROUGH JAVA	A	3
17A85A0404	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0404	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0404	R1632043	VLSI DESIGN	D	3
17A85A0404	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0404	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0404	R1632047	VLSI LAB	C	2
17A85A0404	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0404	R163204A	OOPS THROUGH JAVA	F	0
17A85A0405	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0405	R1632042	MICRO WAVE ENGINEERING	A	3
17A85A0405	R1632043	VLSI DESIGN	A	3
17A85A0405	R1632044	DIGITAL SIGNAL PROCESSING	S	3
17A85A0405	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0405	R1632047	VLSI LAB	O	2
17A85A0405	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0405	R163204A	OOPS THROUGH JAVA	A	3
17A85A0406	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0406	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0406	R1632043	VLSI DESIGN	B	3
17A85A0406	R1632044	DIGITAL SIGNAL PROCESSING	D	3
17A85A0406	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
17A85A0406	R1632047	VLSI LAB	A	2
17A85A0406	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0406	R163204A	OOPS THROUGH JAVA	F	0
17A85A0407	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0407	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0407	R1632043	VLSI DESIGN	D	3
17A85A0407	R1632044	DIGITAL SIGNAL PROCESSING	D	3
17A85A0407	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
17A85A0407	R1632047	VLSI LAB	S	2
17A85A0407	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0407	R163204A	OOPS THROUGH JAVA	D	3
17A85A0408	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0408	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0408	R1632043	VLSI DESIGN	F	0
17A85A0408	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0408	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
17A85A0408	R1632047	VLSI LAB	A	2
17A85A0408	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0408	R163204A	OOPS THROUGH JAVA	F	0
17A85A0409	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0409	R1632042	MICRO WAVE ENGINEERING	B	3
17A85A0409	R1632043	VLSI DESIGN	B	3
17A85A0409	R1632044	DIGITAL SIGNAL PROCESSING	A	3
17A85A0409	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0409	R1632047	VLSI LAB	O	2
17A85A0409	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0409	R163204A	OOPS THROUGH JAVA	D	3
17A85A0410	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0410	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0410	R1632043	VLSI DESIGN	C	3
17A85A0410	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0410	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0410	R1632047	VLSI LAB	S	2
17A85A0410	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0410	R163204A	OOPS THROUGH JAVA	F	0
17A85A0411	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0411	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0411	R1632043	VLSI DESIGN	C	3
17A85A0411	R1632044	DIGITAL SIGNAL PROCESSING	ABSENT	0
17A85A0411	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0411	R1632047	VLSI LAB	S	2
17A85A0411	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0411	R163204A	OOPS THROUGH JAVA	C	3
17A85A0412	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0412	R1632042	MICRO WAVE ENGINEERING	A	3
17A85A0412	R1632043	VLSI DESIGN	S	3
17A85A0412	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0412	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0412	R1632047	VLSI LAB	O	2
17A85A0412	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0412	R163204A	OOPS THROUGH JAVA	C	3
17A85A0413	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0413	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0413	R1632043	VLSI DESIGN	B	3
17A85A0413	R1632044	DIGITAL SIGNAL PROCESSING	B	3
17A85A0413	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0413	R1632047	VLSI LAB	O	2
17A85A0413	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0413	R163204A	OOPS THROUGH JAVA	D	3

Htno	Subcode	Subname	Grade	Credits
17A85A0414	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0414	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0414	R1632043	VLSI DESIGN	B	3
17A85A0414	R1632044	DIGITAL SIGNAL PROCESSING	D	3
17A85A0414	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0414	R1632047	VLSI LAB	O	2
17A85A0414	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0414	R163204A	OOPS THROUGH JAVA	C	3
17A85A0415	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0415	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0415	R1632043	VLSI DESIGN	A	3
17A85A0415	R1632044	DIGITAL SIGNAL PROCESSING	A	3
17A85A0415	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0415	R1632047	VLSI LAB	O	2
17A85A0415	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0415	R163204A	OOPS THROUGH JAVA	B	3
17A85A0416	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0416	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0416	R1632043	VLSI DESIGN	C	3
17A85A0416	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0416	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0416	R1632047	VLSI LAB	O	2
17A85A0416	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0416	R163204A	OOPS THROUGH JAVA	F	0
17A85A0417	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0417	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0417	R1632043	VLSI DESIGN	B	3
17A85A0417	R1632044	DIGITAL SIGNAL PROCESSING	B	3
17A85A0417	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0417	R1632047	VLSI LAB	S	2
17A85A0417	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0417	R163204A	OOPS THROUGH JAVA	C	3
17A85A0418	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	S	3
17A85A0418	R1632042	MICRO WAVE ENGINEERING	O	3
17A85A0418	R1632043	VLSI DESIGN	A	3
17A85A0418	R1632044	DIGITAL SIGNAL PROCESSING	A	3
17A85A0418	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0418	R1632047	VLSI LAB	S	2
17A85A0418	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0418	R163204A	OOPS THROUGH JAVA	B	3
17A85A0419	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0419	R1632042	MICRO WAVE ENGINEERING	B	3
17A85A0419	R1632043	VLSI DESIGN	S	3
17A85A0419	R1632044	DIGITAL SIGNAL PROCESSING	B	3
17A85A0419	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0419	R1632047	VLSI LAB	O	2
17A85A0419	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0419	R163204A	OOPS THROUGH JAVA	B	3
17A85A0420	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0420	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0420	R1632043	VLSI DESIGN	F	0

Htno	Subcode	Subname	Grade	Credits
17A85A0420	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0420	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0420	R1632047	VLSI LAB	B	2
17A85A0420	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0420	R163204A	OOPS THROUGH JAVA	F	0
17A85A0421	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
17A85A0421	R1632042	MICRO WAVE ENGINEERING	A	3
17A85A0421	R1632043	VLSI DESIGN	S	3
17A85A0421	R1632044	DIGITAL SIGNAL PROCESSING	A	3
17A85A0421	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0421	R1632047	VLSI LAB	O	2
17A85A0421	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0421	R163204A	OOPS THROUGH JAVA	B	3
17A85A0422	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	B	3
17A85A0422	R1632042	MICRO WAVE ENGINEERING	B	3
17A85A0422	R1632043	VLSI DESIGN	B	3
17A85A0422	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0422	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0422	R1632047	VLSI LAB	O	2
17A85A0422	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0422	R163204A	OOPS THROUGH JAVA	F	0
17A85A0424	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0424	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0424	R1632043	VLSI DESIGN	B	3
17A85A0424	R1632044	DIGITAL SIGNAL PROCESSING	D	3
17A85A0424	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0424	R1632047	VLSI LAB	S	2
17A85A0424	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0424	R163204A	OOPS THROUGH JAVA	C	3
17A85A0425	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0425	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0425	R1632043	VLSI DESIGN	D	3
17A85A0425	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0425	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0425	R1632047	VLSI LAB	A	2
17A85A0425	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0425	R163204A	OOPS THROUGH JAVA	F	0
17A85A0426	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
17A85A0426	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0426	R1632043	VLSI DESIGN	F	0
17A85A0426	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0426	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0426	R1632047	VLSI LAB	S	2
17A85A0426	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0426	R163204A	OOPS THROUGH JAVA	F	0
17A85A0427	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	F	0
17A85A0427	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0427	R1632043	VLSI DESIGN	F	0
17A85A0427	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0427	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0427	R1632047	VLSI LAB	A	2

Htno	Subcode	Subname	Grade	Credits
17A85A0427	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0427	R163204A	OOPS THROUGH JAVA	F	0
17A85A0428	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
17A85A0428	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0428	R1632043	VLSI DESIGN	C	3
17A85A0428	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0428	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	A	2
17A85A0428	R1632047	VLSI LAB	S	2
17A85A0428	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0428	R163204A	OOPS THROUGH JAVA	C	3
17A85A0429	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	A	3
17A85A0429	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0429	R1632043	VLSI DESIGN	A	3
17A85A0429	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0429	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0429	R1632047	VLSI LAB	O	2
17A85A0429	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0429	R163204A	OOPS THROUGH JAVA	B	3
17A85A0430	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
17A85A0430	R1632042	MICRO WAVE ENGINEERING	C	3
17A85A0430	R1632043	VLSI DESIGN	D	3
17A85A0430	R1632044	DIGITAL SIGNAL PROCESSING	B	3
17A85A0430	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0430	R1632047	VLSI LAB	S	2
17A85A0430	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0430	R163204A	OOPS THROUGH JAVA	D	3
17A85A0431	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0431	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0431	R1632043	VLSI DESIGN	D	3
17A85A0431	R1632044	DIGITAL SIGNAL PROCESSING	D	3
17A85A0431	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	S	2
17A85A0431	R1632047	VLSI LAB	S	2
17A85A0431	R1632048	DIGITAL COMMUNICATIONS LAB	S	2
17A85A0431	R163204A	OOPS THROUGH JAVA	F	0
17A85A0432	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	C	3
17A85A0432	R1632042	MICRO WAVE ENGINEERING	D	3
17A85A0432	R1632043	VLSI DESIGN	C	3
17A85A0432	R1632044	DIGITAL SIGNAL PROCESSING	C	3
17A85A0432	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	B	2
17A85A0432	R1632047	VLSI LAB	O	2
17A85A0432	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0432	R163204A	OOPS THROUGH JAVA	C	3
17A85A0433	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	D	3
17A85A0433	R1632042	MICRO WAVE ENGINEERING	F	0
17A85A0433	R1632043	VLSI DESIGN	D	3
17A85A0433	R1632044	DIGITAL SIGNAL PROCESSING	F	0
17A85A0433	R1632046	MICRO PROCESSORS & MICRO CONTROLLERS LAB	O	2
17A85A0433	R1632047	VLSI LAB	S	2
17A85A0433	R1632048	DIGITAL COMMUNICATIONS LAB	O	2
17A85A0433	R163204A	OOPS THROUGH JAVA	D	3
17A85A0501	R1632051	COMPUTER NETWORKS	A	3

Htno	Subcode	Subname	Grade	Credits
17A85A0501	R1632052	DATA WAREHOUSING AND MINING	B	3
17A85A0501	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
17A85A0501	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
17A85A0501	R1632056	NETWORK PROGRAMMING LAB	S	2
17A85A0501	R1632057	SOFTWARE TESTING LAB	S	2
17A85A0501	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
17A85A0501	R163205C	CYBER SECURITY	B	3
17A85A0502	R1632051	COMPUTER NETWORKS	A	3
17A85A0502	R1632052	DATA WAREHOUSING AND MINING	S	3
17A85A0502	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	A	3
17A85A0502	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
17A85A0502	R1632056	NETWORK PROGRAMMING LAB	O	2
17A85A0502	R1632057	SOFTWARE TESTING LAB	O	2
17A85A0502	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
17A85A0502	R163205A	ARTIFICIAL INTELLIGENCE	A	3
17A85A0503	R1632051	COMPUTER NETWORKS	D	3
17A85A0503	R1632052	DATA WAREHOUSING AND MINING	ABSENT	0
17A85A0503	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	C	3
17A85A0503	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
17A85A0503	R1632056	NETWORK PROGRAMMING LAB	A	2
17A85A0503	R1632057	SOFTWARE TESTING LAB	S	2
17A85A0503	R1632058	DATA WAREHOUSING AND MINING LAB	A	2
17A85A0503	R163205A	ARTIFICIAL INTELLIGENCE	C	3
17A85A0504	R1632051	COMPUTER NETWORKS	C	3
17A85A0504	R1632052	DATA WAREHOUSING AND MINING	C	3
17A85A0504	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	B	3
17A85A0504	R1632054	SOFTWARE TESTING METHODOLOGIES	B	3
17A85A0504	R1632056	NETWORK PROGRAMMING LAB	S	2
17A85A0504	R1632057	SOFTWARE TESTING LAB	O	2
17A85A0504	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
17A85A0504	R163205A	ARTIFICIAL INTELLIGENCE	C	3
17A85A0505	R1632051	COMPUTER NETWORKS	B	3
17A85A0505	R1632052	DATA WAREHOUSING AND MINING	D	3
17A85A0505	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	D	3
17A85A0505	R1632054	SOFTWARE TESTING METHODOLOGIES	C	3
17A85A0505	R1632056	NETWORK PROGRAMMING LAB	S	2
17A85A0505	R1632057	SOFTWARE TESTING LAB	O	2
17A85A0505	R1632058	DATA WAREHOUSING AND MINING LAB	O	2
17A85A0505	R163205A	ARTIFICIAL INTELLIGENCE	A	3

**Note:1)[Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 15-06-2019]

** Note:**

* -1 in the filed of externals indicates student absent for the respective subject.

* -2 in the filed of externals indicates student Withheld for the respective subject.

* -3 in the filed of externals indicates student Malpractice for the respective subject.

N. Mohan Rao

Date:07.06.19

Controller of Examinations