



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of IV B.TECH I SEMESTER (R16) REG/SUPPLE. EXAMINATIONS, FEB.-2022

College name: VISAKHA INST OF ENGG AND TECH, NARVA, VISAKHAPATNAM:NT

Htno	Subcode	Subname	Grade	Credits
16NT1A0301	R1641031	MECHATRONICS	C	3
16NT1A0301	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
16NT1A0301	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
16NT1A0301	R164103C	ADDITIVE MANUFACTURING	ABSENT	0
16NT1A0301	R164103E	DESIGN FOR MANUFACTURE	ABSENT	0
16NT1A0411	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	D	3
16NT1A0411	R164104D	EMBEDDED SYSTEMS	F	0
16NT1A0529	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
17525A0308	R1641031	MECHATRONICS	ABSENT	0
17525A0308	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
17525A0308	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
17525A0308	R1641034	POWER PLANT ENGINEERING	ABSENT	0
17525A0308	R1641037	CAD/CAM LAB	ABSENT	0
17525A0308	R1641038	MECHATRONICS LAB	ABSENT	0
17525A0308	R164103C	ADDITIVE MANUFACTURING	ABSENT	0
17525A0308	R164103D	ADVANCED MATERIALS	ABSENT	0
17NT1A0202	R1641022	LINEAR IC APPLICATION	F	0
17NT1A0204	R1641022	LINEAR IC APPLICATION	ABSENT	0
17NT1A0307	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
17NT1A0307	R1641034	POWER PLANT ENGINEERING	F	0
17NT1A0311	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
17NT1A0311	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
17NT1A0311	R164103C	ADDITIVE MANUFACTURING	F	0
17NT1A0311	R164103D	ADVANCED MATERIALS	F	0
17NT1A0318	R1641031	MECHATRONICS	F	0
17NT1A0507	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	F	0
17NT1A0507	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	D	3
17NT5A0230	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
17NT5A0230	R1641022	LINEAR IC APPLICATION	F	0
17NT5A0230	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
17NT5A0230	R1641024	SWITCHGEAR AND PROTECTION	F	0
17NT5A0230	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
17NT5A0230	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	B	2
17NT5A0230	R164102D	INSTRUMENTATION	F	0
17NT5A0230	R164102F	ELECTRIC POWER QUALITY	F	0
17NT5A0233	R1641021	UTILIZATION OF ELECTRICAL ENERGY	ABSENT	0
17NT5A0233	R1641022	LINEAR IC APPLICATION	ABSENT	0
17NT5A0233	R1641023	POWER SYSTEM OPERATION & CONTROL	ABSENT	0
17NT5A0233	R164102D	INSTRUMENTATION	ABSENT	0
17NT5A0233	R164102F	ELECTRIC POWER QUALITY	ABSENT	0
17NT5A0242	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
17NT5A0242	R1641024	SWITCHGEAR AND PROTECTION	D	3
17NT5A0242	R164102F	ELECTRIC POWER QUALITY	F	0
17NT5A0310	R1641031	MECHATRONICS	F	0
17NT5A0310	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0

Htno	Subcode	Subname	Grade	Credits
17NT5A0310	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
17NT5A0310	R1641034	POWER PLANT ENGINEERING	ABSENT	0
17NT5A0310	R164103C	ADDITIVE MANUFACTURING	F	0
17NT5A0310	R164103E	DESIGN FOR MANUFACTURE	F	0
17NT5A0357	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
17NT5A0502	R1641053	WEB TECHNOLOGIES	ABSENT	0
17NT5A0506	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
17NT5A2402	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
17NT5A2402	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	F	0
17NT5A2402	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	F	0
17NT5A2402	R1641242	VEHICLE DYNAMICS	F	0
17NT5A2403	R164124A	VEHICLE BODY ENGG. & SAFETY	F	0
18521A0303	R1641031	MECHATRONICS	C	3
18521A0303	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18521A0303	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18521A0303	R1641034	POWER PLANT ENGINEERING	F	0
18521A0303	R1641037	CAD/CAM LAB	O	2
18521A0303	R1641038	MECHATRONICS LAB	S	2
18521A0303	R164103C	ADDITIVE MANUFACTURING	C	3
18521A0303	R164103D	ADVANCED MATERIALS	D	3
18521A0308	R1641031	MECHATRONICS	C	3
18521A0308	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18521A0308	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18521A0308	R1641034	POWER PLANT ENGINEERING	D	3
18521A0308	R1641037	CAD/CAM LAB	O	2
18521A0308	R1641038	MECHATRONICS LAB	S	2
18521A0308	R164103C	ADDITIVE MANUFACTURING	D	3
18521A0308	R164103D	ADVANCED MATERIALS	D	3
18521A0315	R1641031	MECHATRONICS	F	0
18521A0315	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
18521A0315	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
18521A0315	R1641034	POWER PLANT ENGINEERING	F	0
18521A0315	R1641037	CAD/CAM LAB	A	2
18521A0315	R1641038	MECHATRONICS LAB	A	2
18521A0315	R164103C	ADDITIVE MANUFACTURING	F	0
18521A0315	R164103D	ADVANCED MATERIALS	ABSENT	0
18521A0501	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18521A0501	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18521A0501	R1641053	WEB TECHNOLOGIES	C	3
18521A0501	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18521A0501	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18521A0501	R1641058	WEB TECHNOLOGIES LAB	O	2
18521A0501	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18521A0501	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18521A0508	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	B	3
18521A0508	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18521A0508	R1641053	WEB TECHNOLOGIES	A	3
18521A0508	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18521A0508	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18521A0508	R1641058	WEB TECHNOLOGIES LAB	O	2
18521A0508	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3

Htno	Subcode	Subname	Grade	Credits
18521A0508	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18521A0509	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18521A0509	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18521A0509	R1641053	WEB TECHNOLOGIES	D	3
18521A0509	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18521A0509	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18521A0509	R1641058	WEB TECHNOLOGIES LAB	S	2
18521A0509	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18521A0509	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18521A0511	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18521A0511	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
18521A0511	R1641053	WEB TECHNOLOGIES	D	3
18521A0511	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	D	3
18521A0511	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18521A0511	R1641058	WEB TECHNOLOGIES LAB	S	2
18521A0511	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18521A0511	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18521A0520	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18521A0520	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
18521A0520	R1641053	WEB TECHNOLOGIES	D	3
18521A0520	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18521A0520	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18521A0520	R1641058	WEB TECHNOLOGIES LAB	S	2
18521A0520	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18521A0520	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0201	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
18NT1A0201	R1641022	LINEAR IC APPLICATION	D	3
18NT1A0201	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
18NT1A0201	R1641024	SWITCHGEAR AND PROTECTION	D	3
18NT1A0201	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
18NT1A0201	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	B	2
18NT1A0201	R164102D	INSTRUMENTATION	D	3
18NT1A0201	R164102F	ELECTRIC POWER QUALITY	F	0
18NT1A0202	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
18NT1A0202	R1641022	LINEAR IC APPLICATION	A	3
18NT1A0202	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
18NT1A0202	R1641024	SWITCHGEAR AND PROTECTION	B	3
18NT1A0202	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
18NT1A0202	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
18NT1A0202	R164102D	INSTRUMENTATION	B	3
18NT1A0202	R164102F	ELECTRIC POWER QUALITY	F	0
18NT1A0204	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
18NT1A0204	R1641022	LINEAR IC APPLICATION	A	3
18NT1A0204	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
18NT1A0204	R1641024	SWITCHGEAR AND PROTECTION	C	3
18NT1A0204	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
18NT1A0204	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
18NT1A0204	R164102D	INSTRUMENTATION	B	3
18NT1A0204	R164102F	ELECTRIC POWER QUALITY	F	0
18NT1A0301	R1641031	MECHATRONICS	B	3
18NT1A0301	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3

Htno	Subcode	Subname	Grade	Credits
18NT1A0301	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
18NT1A0301	R1641034	POWER PLANT ENGINEERING	C	3
18NT1A0301	R1641037	CAD/CAM LAB	O	2
18NT1A0301	R1641038	MECHATRONICS LAB	S	2
18NT1A0301	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0301	R164103D	ADVANCED MATERIALS	D	3
18NT1A0302	R1641031	MECHATRONICS	C	3
18NT1A0302	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT1A0302	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18NT1A0302	R1641034	POWER PLANT ENGINEERING	F	0
18NT1A0302	R1641037	CAD/CAM LAB	O	2
18NT1A0302	R1641038	MECHATRONICS LAB	S	2
18NT1A0302	R164103C	ADDITIVE MANUFACTURING	C	3
18NT1A0302	R164103D	ADVANCED MATERIALS	D	3
18NT1A0306	R1641031	MECHATRONICS	C	3
18NT1A0306	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT1A0306	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0306	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0306	R1641037	CAD/CAM LAB	S	2
18NT1A0306	R1641038	MECHATRONICS LAB	S	2
18NT1A0306	R164103C	ADDITIVE MANUFACTURING	C	3
18NT1A0306	R164103D	ADVANCED MATERIALS	D	3
18NT1A0308	R1641031	MECHATRONICS	B	3
18NT1A0308	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
18NT1A0308	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18NT1A0308	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0308	R1641037	CAD/CAM LAB	O	2
18NT1A0308	R1641038	MECHATRONICS LAB	O	2
18NT1A0308	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0308	R164103D	ADVANCED MATERIALS	C	3
18NT1A0309	R1641031	MECHATRONICS	B	3
18NT1A0309	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
18NT1A0309	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18NT1A0309	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0309	R1641037	CAD/CAM LAB	S	2
18NT1A0309	R1641038	MECHATRONICS LAB	A	2
18NT1A0309	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0309	R164103D	ADVANCED MATERIALS	D	3
18NT1A0313	R1641031	MECHATRONICS	A	3
18NT1A0313	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT1A0313	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0313	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0313	R1641037	CAD/CAM LAB	O	2
18NT1A0313	R1641038	MECHATRONICS LAB	O	2
18NT1A0313	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0313	R164103D	ADVANCED MATERIALS	D	3
18NT1A0315	R1641031	MECHATRONICS	A	3
18NT1A0315	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
18NT1A0315	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0315	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0315	R1641037	CAD/CAM LAB	O	2

Htno	Subcode	Subname	Grade	Credits
18NT1A0315	R1641038	MECHATRONICS LAB	O	2
18NT1A0315	R164103C	ADDITIVE MANUFACTURING	C	3
18NT1A0315	R164103D	ADVANCED MATERIALS	D	3
18NT1A0316	R1641031	MECHATRONICS	A	3
18NT1A0316	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
18NT1A0316	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18NT1A0316	R1641034	POWER PLANT ENGINEERING	C	3
18NT1A0316	R1641037	CAD/CAM LAB	O	2
18NT1A0316	R1641038	MECHATRONICS LAB	O	2
18NT1A0316	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0316	R164103D	ADVANCED MATERIALS	D	3
18NT1A0317	R1641031	MECHATRONICS	C	3
18NT1A0317	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
18NT1A0317	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0317	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0317	R1641037	CAD/CAM LAB	O	2
18NT1A0317	R1641038	MECHATRONICS LAB	O	2
18NT1A0317	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0317	R164103D	ADVANCED MATERIALS	D	3
18NT1A0318	R1641031	MECHATRONICS	A	3
18NT1A0318	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
18NT1A0318	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
18NT1A0318	R1641034	POWER PLANT ENGINEERING	B	3
18NT1A0318	R1641037	CAD/CAM LAB	O	2
18NT1A0318	R1641038	MECHATRONICS LAB	O	2
18NT1A0318	R164103C	ADDITIVE MANUFACTURING	A	3
18NT1A0318	R164103D	ADVANCED MATERIALS	C	3
18NT1A0320	R1641031	MECHATRONICS	A	3
18NT1A0320	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
18NT1A0320	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
18NT1A0320	R1641034	POWER PLANT ENGINEERING	C	3
18NT1A0320	R1641037	CAD/CAM LAB	O	2
18NT1A0320	R1641038	MECHATRONICS LAB	S	2
18NT1A0320	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0320	R164103D	ADVANCED MATERIALS	D	3
18NT1A0321	R1641031	MECHATRONICS	D	3
18NT1A0321	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT1A0321	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
18NT1A0321	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0321	R1641037	CAD/CAM LAB	S	2
18NT1A0321	R1641038	MECHATRONICS LAB	S	2
18NT1A0321	R164103C	ADDITIVE MANUFACTURING	C	3
18NT1A0321	R164103D	ADVANCED MATERIALS	F	0
18NT1A0322	R1641031	MECHATRONICS	D	3
18NT1A0322	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18NT1A0322	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0322	R1641034	POWER PLANT ENGINEERING	F	0
18NT1A0322	R1641037	CAD/CAM LAB	S	2
18NT1A0322	R1641038	MECHATRONICS LAB	S	2
18NT1A0322	R164103C	ADDITIVE MANUFACTURING	C	3
18NT1A0322	R164103D	ADVANCED MATERIALS	F	0

Htno	Subcode	Subname	Grade	Credits
18NT1A0323	R1641031	MECHATRONICS	B	3
18NT1A0323	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18NT1A0323	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A0323	R1641034	POWER PLANT ENGINEERING	D	3
18NT1A0323	R1641037	CAD/CAM LAB	S	2
18NT1A0323	R1641038	MECHATRONICS LAB	S	2
18NT1A0323	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0323	R164103D	ADVANCED MATERIALS	C	3
18NT1A0324	R1641031	MECHATRONICS	A	3
18NT1A0324	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT1A0324	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
18NT1A0324	R1641034	POWER PLANT ENGINEERING	C	3
18NT1A0324	R1641037	CAD/CAM LAB	O	2
18NT1A0324	R1641038	MECHATRONICS LAB	S	2
18NT1A0324	R164103C	ADDITIVE MANUFACTURING	B	3
18NT1A0324	R164103D	ADVANCED MATERIALS	B	3
18NT1A0402	R1641041	RADAR SYSTEMS	B	3
18NT1A0402	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	B	3
18NT1A0402	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3
18NT1A0402	R1641044	OPTICAL COMMUNICATIONS	B	3
18NT1A0402	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
18NT1A0402	R1641048	DIGITAL SIGNAL PROCESSING LAB	O	2
18NT1A0402	R164104C	SYSTEM DESIGN THROUGH VERILOG	C	3
18NT1A0402	R164104D	EMBEDDED SYSTEMS	B	3
18NT1A0403	R1641041	RADAR SYSTEMS	B	3
18NT1A0403	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
18NT1A0403	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3
18NT1A0403	R1641044	OPTICAL COMMUNICATIONS	B	3
18NT1A0403	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
18NT1A0403	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
18NT1A0403	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
18NT1A0403	R164104D	EMBEDDED SYSTEMS	C	3
18NT1A0404	R1641041	RADAR SYSTEMS	A	3
18NT1A0404	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
18NT1A0404	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	A	3
18NT1A0404	R1641044	OPTICAL COMMUNICATIONS	B	3
18NT1A0404	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
18NT1A0404	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
18NT1A0404	R164104C	SYSTEM DESIGN THROUGH VERILOG	C	3
18NT1A0404	R164104D	EMBEDDED SYSTEMS	C	3
18NT1A0405	R1641041	RADAR SYSTEMS	C	3
18NT1A0405	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	B	3
18NT1A0405	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
18NT1A0405	R1641044	OPTICAL COMMUNICATIONS	C	3
18NT1A0405	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
18NT1A0405	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
18NT1A0405	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
18NT1A0405	R164104D	EMBEDDED SYSTEMS	F	0
18NT1A0406	R1641041	RADAR SYSTEMS	C	3
18NT1A0406	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
18NT1A0406	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3

Htno	Subcode	Subname	Grade	Credits
18NT1A0406	R1641044	OPTICAL COMMUNICATIONS	B	3
18NT1A0406	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
18NT1A0406	R1641048	DIGITAL SIGNAL PROCESSING LAB	A	2
18NT1A0406	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
18NT1A0406	R164104D	EMBEDDED SYSTEMS	D	3
18NT1A0407	R1641041	RADAR SYSTEMS	C	3
18NT1A0407	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
18NT1A0407	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3
18NT1A0407	R1641044	OPTICAL COMMUNICATIONS	C	3
18NT1A0407	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
18NT1A0407	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
18NT1A0407	R164104C	SYSTEM DESIGN THROUGH VERILOG	F	0
18NT1A0407	R164104D	EMBEDDED SYSTEMS	D	3
18NT1A0408	R1641041	RADAR SYSTEMS	D	3
18NT1A0408	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	F	0
18NT1A0408	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	F	0
18NT1A0408	R1641044	OPTICAL COMMUNICATIONS	F	0
18NT1A0408	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
18NT1A0408	R1641048	DIGITAL SIGNAL PROCESSING LAB	A	2
18NT1A0408	R164104C	SYSTEM DESIGN THROUGH VERILOG	F	0
18NT1A0408	R164104D	EMBEDDED SYSTEMS	F	0
18NT1A0501	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0501	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0501	R1641053	WEB TECHNOLOGIES	D	3
18NT1A0501	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0501	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0501	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0501	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0501	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0502	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0502	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0502	R1641053	WEB TECHNOLOGIES	A	3
18NT1A0502	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0502	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0502	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0502	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0502	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0503	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0503	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0503	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0503	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0503	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0503	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0503	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0503	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0504	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0504	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0504	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0504	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0504	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0504	R1641058	WEB TECHNOLOGIES LAB	O	2

Htno	Subcode	Subname	Grade	Credits
18NT1A0504	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0504	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0505	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0505	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0505	R1641053	WEB TECHNOLOGIES	A	3
18NT1A0505	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0505	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0505	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0505	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0505	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0506	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0506	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0506	R1641053	WEB TECHNOLOGIES	A	3
18NT1A0506	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
18NT1A0506	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0506	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0506	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	B	3
18NT1A0506	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	A	3
18NT1A0507	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0507	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0507	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0507	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0507	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0507	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0507	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0507	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0508	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0508	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
18NT1A0508	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0508	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18NT1A0508	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0508	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0508	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0508	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0509	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0509	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0509	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0509	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	D	3
18NT1A0509	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0509	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0509	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0509	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0510	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0510	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0510	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0510	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0510	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0510	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0510	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0510	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0511	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3

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18NT1A0511	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0511	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0511	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0511	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0511	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0511	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0511	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0512	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0512	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0512	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0512	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0512	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18NT1A0512	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0512	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0512	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0513	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0513	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0513	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0513	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0513	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18NT1A0513	R1641058	WEB TECHNOLOGIES LAB	A	2
18NT1A0513	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0513	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18NT1A0514	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0514	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	F	0
18NT1A0514	R1641053	WEB TECHNOLOGIES	F	0
18NT1A0514	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18NT1A0514	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18NT1A0514	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0514	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	ABSENT	0
18NT1A0514	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	ABSENT	0
18NT1A0515	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0515	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0515	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0515	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0515	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0515	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0515	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0515	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0516	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0516	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
18NT1A0516	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0516	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	D	3
18NT1A0516	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18NT1A0516	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0516	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0516	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0517	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0517	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0517	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0517	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3

Htno	Subcode	Subname	Grade	Credits
18NT1A0517	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0517	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0517	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0517	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0518	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	A	3
18NT1A0518	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0518	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0518	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
18NT1A0518	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0518	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0518	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0518	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0519	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0519	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0519	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0519	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18NT1A0519	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0519	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0519	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0519	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0520	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0520	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0520	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0520	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0520	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0520	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0520	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0520	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0521	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0521	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0521	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0521	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0521	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0521	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0521	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0521	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0522	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	B	3
18NT1A0522	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0522	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0522	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
18NT1A0522	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0522	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0522	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0522	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	A	3
18NT1A0523	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	B	3
18NT1A0523	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0523	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0523	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
18NT1A0523	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0523	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0523	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3

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18NT1A0523	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	A	3
18NT1A0526	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0526	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
18NT1A0526	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0526	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0526	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0526	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0526	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0526	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0527	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0527	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0527	R1641053	WEB TECHNOLOGIES	D	3
18NT1A0527	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0527	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
18NT1A0527	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0527	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0527	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0528	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0528	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	F	0
18NT1A0528	R1641053	WEB TECHNOLOGIES	F	0
18NT1A0528	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18NT1A0528	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0528	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0528	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18NT1A0528	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	F	0
18NT1A0529	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0529	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0529	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0529	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0529	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0529	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0529	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0529	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	B	3
18NT1A0530	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0530	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0530	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0530	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0530	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0530	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0530	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0530	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0532	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0532	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	B	3
18NT1A0532	R1641053	WEB TECHNOLOGIES	B	3
18NT1A0532	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
18NT1A0532	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0532	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0532	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0532	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	A	3
18NT1A0533	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0533	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3

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18NT1A0533	R1641053	WEB TECHNOLOGIES	F	0
18NT1A0533	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0533	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0533	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0533	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18NT1A0533	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0534	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0534	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	F	0
18NT1A0534	R1641053	WEB TECHNOLOGIES	F	0
18NT1A0534	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	F	0
18NT1A0534	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0534	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0534	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18NT1A0534	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	F	0
18NT1A0535	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
18NT1A0535	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0535	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0535	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
18NT1A0535	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0535	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0535	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
18NT1A0535	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
18NT1A0536	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0536	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0536	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0536	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0536	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0536	R1641058	WEB TECHNOLOGIES LAB	O	2
18NT1A0536	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0536	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18NT1A0538	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
18NT1A0538	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0538	R1641053	WEB TECHNOLOGIES	C	3
18NT1A0538	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
18NT1A0538	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
18NT1A0538	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0538	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	D	3
18NT1A0538	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18NT1A0540	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0540	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	C	3
18NT1A0540	R1641053	WEB TECHNOLOGIES	D	3
18NT1A0540	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0540	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2
18NT1A0540	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0540	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18NT1A0540	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18NT1A0542	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
18NT1A0542	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
18NT1A0542	R1641053	WEB TECHNOLOGIES	D	3
18NT1A0542	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
18NT1A0542	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	S	2

Htno	Subcode	Subname	Grade	Credits
18NT1A0542	R1641058	WEB TECHNOLOGIES LAB	S	2
18NT1A0542	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
18NT1A0542	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	D	3
18NT1A2401	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18NT1A2401	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
18NT1A2401	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	B	3
18NT1A2401	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
18NT1A2401	R1641242	VEHICLE DYNAMICS	C	3
18NT1A2401	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
18NT1A2401	R1641248	CAD/CAM -LAB	O	2
18NT1A2401	R164124B	INDUSTRIAL ROBOTICS	C	3
18NT1A2402	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
18NT1A2402	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT1A2402	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
18NT1A2402	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	D	3
18NT1A2402	R1641242	VEHICLE DYNAMICS	C	3
18NT1A2402	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
18NT1A2402	R1641248	CAD/CAM -LAB	O	2
18NT1A2402	R164124B	INDUSTRIAL ROBOTICS	D	3
18NT5A0210	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
18NT5A0210	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
18NT5A0212	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
18NT5A0212	R1641022	LINEAR IC APPLICATION	C	3
18NT5A0212	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
18NT5A0212	R1641024	SWITCHGEAR AND PROTECTION	D	3
18NT5A0212	R164102D	INSTRUMENTATION	D	3
18NT5A0212	R164102F	ELECTRIC POWER QUALITY	F	0
18NT5A0227	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
18NT5A0236	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
18NT5A0236	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
18NT5A0239	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
18NT5A0239	R1641022	LINEAR IC APPLICATION	D	3
18NT5A0239	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
18NT5A0239	R1641024	SWITCHGEAR AND PROTECTION	F	0
18NT5A0239	R1641027	ELECTRICAL SIMULATION LABORATORY	C	2
18NT5A0239	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	B	2
18NT5A0239	R164102D	INSTRUMENTATION	F	0
18NT5A0239	R164102F	ELECTRIC POWER QUALITY	F	0
18NT5A0307	R164103C	ADDITIVE MANUFACTURING	B	3
18NT5A0330	R1641031	MECHATRONICS	D	3
18NT5A0330	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
18NT5A0330	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT5A0330	R1641034	POWER PLANT ENGINEERING	F	0
18NT5A0330	R1641037	CAD/CAM LAB	A	2
18NT5A0330	R1641038	MECHATRONICS LAB	B	2
18NT5A0330	R164103C	ADDITIVE MANUFACTURING	F	0
18NT5A0330	R164103D	ADVANCED MATERIALS	D	3
18NT5A0333	R1641031	MECHATRONICS	D	3
18NT5A0333	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT5A0354	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
18NT5A0358	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0

Htno	Subcode	Subname	Grade	Credits
18NT5A0358	R164103D	ADVANCED MATERIALS	F	0
18NT5A0362	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
18NT5A0373	R1641031	MECHATRONICS	C	3
18NT5A0373	R1641032	CAD/CAM(COMMON TO ME & AME)	S	3
18NT5A0373	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
18NT5A0373	R1641034	POWER PLANT ENGINEERING	D	3
18NT5A0373	R1641037	CAD/CAM LAB	S	2
18NT5A0373	R1641038	MECHATRONICS LAB	S	2
18NT5A0373	R164103C	ADDITIVE MANUFACTURING	D	3
18NT5A0373	R164103D	ADVANCED MATERIALS	D	3
18NT5A0390	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
18NT5A0390	R164103C	ADDITIVE MANUFACTURING	F	0
18NT5A0390	R164103D	ADVANCED MATERIALS	F	0
18NT5A0409	R164104A	TV ENGINEERING	ABSENT	0
18NT5A0410	R164104D	EMBEDDED SYSTEMS	F	0
18NT5A0411	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	F	0
18NT5A0411	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
18NT5A0411	R1641048	DIGITAL SIGNAL PROCESSING LAB	C	2
18NT5A0412	R1641041	RADAR SYSTEMS	D	3
18NT5A0412	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	D	3
18NT5A0412	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	D	3
18NT5A0412	R1641044	OPTICAL COMMUNICATIONS	C	3
18NT5A0412	R164104A	TV ENGINEERING	F	0
18NT5A0412	R164104D	EMBEDDED SYSTEMS	F	0
18NT5A0425	R1641044	OPTICAL COMMUNICATIONS	ABSENT	0
18NT5A0425	R164104D	EMBEDDED SYSTEMS	D	3
18NT5A0507	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	ABSENT	0
18NT5A0507	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	ABSENT	0
18NT5A0507	R1641053	WEB TECHNOLOGIES	ABSENT	0
18NT5A0507	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	ABSENT	0
18NT5A0507	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
19525A0303	R1641031	MECHATRONICS	D	3
19525A0303	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19525A0303	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19525A0303	R1641034	POWER PLANT ENGINEERING	D	3
19525A0303	R1641037	CAD/CAM LAB	S	2
19525A0303	R1641038	MECHATRONICS LAB	S	2
19525A0303	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0303	R164103D	ADVANCED MATERIALS	D	3
19525A0308	R1641031	MECHATRONICS	C	3
19525A0308	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19525A0308	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0308	R1641034	POWER PLANT ENGINEERING	C	3
19525A0308	R1641037	CAD/CAM LAB	O	2
19525A0308	R1641038	MECHATRONICS LAB	S	2
19525A0308	R164103C	ADDITIVE MANUFACTURING	A	3
19525A0308	R164103D	ADVANCED MATERIALS	B	3
19525A0309	R1641031	MECHATRONICS	D	3
19525A0309	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19525A0309	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0309	R1641034	POWER PLANT ENGINEERING	D	3

Htno	Subcode	Subname	Grade	Credits
19525A0309	R1641037	CAD/CAM LAB	O	2
19525A0309	R1641038	MECHATRONICS LAB	O	2
19525A0309	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0309	R164103D	ADVANCED MATERIALS	D	3
19525A0310	R1641031	MECHATRONICS	D	3
19525A0310	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19525A0310	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0310	R1641034	POWER PLANT ENGINEERING	D	3
19525A0310	R1641037	CAD/CAM LAB	S	2
19525A0310	R1641038	MECHATRONICS LAB	S	2
19525A0310	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0310	R164103D	ADVANCED MATERIALS	B	3
19525A0319	R1641031	MECHATRONICS	C	3
19525A0319	R1641032	CAD/CAM(COMMON TO ME & AME)	S	3
19525A0319	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0319	R1641034	POWER PLANT ENGINEERING	C	3
19525A0319	R1641037	CAD/CAM LAB	O	2
19525A0319	R1641038	MECHATRONICS LAB	S	2
19525A0319	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0319	R164103D	ADVANCED MATERIALS	C	3
19525A0322	R1641031	MECHATRONICS	D	3
19525A0322	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19525A0322	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19525A0322	R1641034	POWER PLANT ENGINEERING	C	3
19525A0322	R1641037	CAD/CAM LAB	S	2
19525A0322	R1641038	MECHATRONICS LAB	S	2
19525A0322	R164103C	ADDITIVE MANUFACTURING	D	3
19525A0322	R164103D	ADVANCED MATERIALS	D	3
19525A0327	R1641031	MECHATRONICS	D	3
19525A0327	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19525A0327	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19525A0327	R1641034	POWER PLANT ENGINEERING	C	3
19525A0327	R1641037	CAD/CAM LAB	O	2
19525A0327	R1641038	MECHATRONICS LAB	S	2
19525A0327	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0327	R164103D	ADVANCED MATERIALS	D	3
19525A0341	R1641031	MECHATRONICS	D	3
19525A0341	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19525A0341	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0341	R1641034	POWER PLANT ENGINEERING	C	3
19525A0341	R1641037	CAD/CAM LAB	O	2
19525A0341	R1641038	MECHATRONICS LAB	S	2
19525A0341	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0341	R164103D	ADVANCED MATERIALS	B	3
19525A0344	R1641031	MECHATRONICS	F	0
19525A0344	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19525A0344	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19525A0344	R1641034	POWER PLANT ENGINEERING	F	0
19525A0344	R1641037	CAD/CAM LAB	ABSENT	0
19525A0344	R1641038	MECHATRONICS LAB	ABSENT	0
19525A0344	R164103C	ADDITIVE MANUFACTURING	F	0

Htno	Subcode	Subname	Grade	Credits
19525A0344	R164103D	ADVANCED MATERIALS	ABSENT	0
19525A0348	R1641031	MECHATRONICS	C	3
19525A0348	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19525A0348	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0348	R1641034	POWER PLANT ENGINEERING	A	3
19525A0348	R1641037	CAD/CAM LAB	S	2
19525A0348	R1641038	MECHATRONICS LAB	S	2
19525A0348	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0348	R164103D	ADVANCED MATERIALS	B	3
19525A0354	R1641031	MECHATRONICS	D	3
19525A0354	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19525A0354	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0354	R1641034	POWER PLANT ENGINEERING	B	3
19525A0354	R1641037	CAD/CAM LAB	S	2
19525A0354	R1641038	MECHATRONICS LAB	S	2
19525A0354	R164103C	ADDITIVE MANUFACTURING	B	3
19525A0354	R164103D	ADVANCED MATERIALS	D	3
19525A0355	R1641031	MECHATRONICS	D	3
19525A0355	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19525A0355	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19525A0355	R1641034	POWER PLANT ENGINEERING	C	3
19525A0355	R1641037	CAD/CAM LAB	S	2
19525A0355	R1641038	MECHATRONICS LAB	S	2
19525A0355	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0355	R164103D	ADVANCED MATERIALS	C	3
19525A0360	R1641031	MECHATRONICS	F	0
19525A0360	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19525A0360	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19525A0360	R1641034	POWER PLANT ENGINEERING	F	0
19525A0360	R1641037	CAD/CAM LAB	S	2
19525A0360	R1641038	MECHATRONICS LAB	S	2
19525A0360	R164103C	ADDITIVE MANUFACTURING	F	0
19525A0360	R164103D	ADVANCED MATERIALS	F	0
19525A0362	R1641031	MECHATRONICS	B	3
19525A0362	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19525A0362	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0362	R1641034	POWER PLANT ENGINEERING	C	3
19525A0362	R1641037	CAD/CAM LAB	S	2
19525A0362	R1641038	MECHATRONICS LAB	S	2
19525A0362	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0362	R164103D	ADVANCED MATERIALS	D	3
19525A0367	R1641031	MECHATRONICS	B	3
19525A0367	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19525A0367	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	S	3
19525A0367	R1641034	POWER PLANT ENGINEERING	C	3
19525A0367	R1641037	CAD/CAM LAB	S	2
19525A0367	R1641038	MECHATRONICS LAB	S	2
19525A0367	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0367	R164103D	ADVANCED MATERIALS	D	3
19525A0371	R1641031	MECHATRONICS	B	3
19525A0371	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3

Htno	Subcode	Subname	Grade	Credits
19525A0371	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	A	3
19525A0371	R1641034	POWER PLANT ENGINEERING	C	3
19525A0371	R1641037	CAD/CAM LAB	S	2
19525A0371	R1641038	MECHATRONICS LAB	S	2
19525A0371	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0371	R164103D	ADVANCED MATERIALS	C	3
19525A0374	R1641031	MECHATRONICS	D	3
19525A0374	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19525A0374	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19525A0374	R1641034	POWER PLANT ENGINEERING	F	0
19525A0374	R1641037	CAD/CAM LAB	O	2
19525A0374	R1641038	MECHATRONICS LAB	S	2
19525A0374	R164103C	ADDITIVE MANUFACTURING	D	3
19525A0374	R164103D	ADVANCED MATERIALS	D	3
19525A0375	R1641031	MECHATRONICS	D	3
19525A0375	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19525A0375	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19525A0375	R1641034	POWER PLANT ENGINEERING	D	3
19525A0375	R1641037	CAD/CAM LAB	A	2
19525A0375	R1641038	MECHATRONICS LAB	A	2
19525A0375	R164103C	ADDITIVE MANUFACTURING	F	0
19525A0375	R164103D	ADVANCED MATERIALS	D	3
19525A0377	R1641031	MECHATRONICS	C	3
19525A0377	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19525A0377	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19525A0377	R1641034	POWER PLANT ENGINEERING	B	3
19525A0377	R1641037	CAD/CAM LAB	O	2
19525A0377	R1641038	MECHATRONICS LAB	S	2
19525A0377	R164103C	ADDITIVE MANUFACTURING	C	3
19525A0377	R164103D	ADVANCED MATERIALS	D	3
19NT5A0201	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0201	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0201	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0201	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0201	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0201	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0201	R164102D	INSTRUMENTATION	C	3
19NT5A0201	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0202	R1641021	UTILIZATION OF ELECTRICAL ENERGY	ABSENT	0
19NT5A0202	R1641022	LINEAR IC APPLICATION	ABSENT	0
19NT5A0202	R1641023	POWER SYSTEM OPERATION & CONTROL	ABSENT	0
19NT5A0202	R1641024	SWITCHGEAR AND PROTECTION	ABSENT	0
19NT5A0202	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0202	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0202	R164102D	INSTRUMENTATION	ABSENT	0
19NT5A0202	R164102F	ELECTRIC POWER QUALITY	ABSENT	0
19NT5A0204	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0204	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0204	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0204	R1641024	SWITCHGEAR AND PROTECTION	A	3
19NT5A0204	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
19NT5A0204	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0204	R164102D	INSTRUMENTATION	B	3
19NT5A0204	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0207	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0207	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0207	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0207	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0207	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0207	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0207	R164102D	INSTRUMENTATION	D	3
19NT5A0207	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0208	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0208	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0208	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0208	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0208	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0208	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0208	R164102D	INSTRUMENTATION	D	3
19NT5A0208	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0210	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0210	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0210	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0210	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0210	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0210	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0210	R164102D	INSTRUMENTATION	F	0
19NT5A0210	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0211	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
19NT5A0211	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0211	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0211	R1641024	SWITCHGEAR AND PROTECTION	F	0
19NT5A0211	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0211	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0211	R164102D	INSTRUMENTATION	F	0
19NT5A0211	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0213	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0213	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0213	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0213	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0213	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0213	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0213	R164102D	INSTRUMENTATION	B	3
19NT5A0213	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0214	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0214	R1641022	LINEAR IC APPLICATION	C	3
19NT5A0214	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0214	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0214	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0214	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0214	R164102D	INSTRUMENTATION	D	3
19NT5A0214	R164102F	ELECTRIC POWER QUALITY	D	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0216	R1641021	UTILIZATION OF ELECTRICAL ENERGY	ABSENT	0
19NT5A0216	R1641022	LINEAR IC APPLICATION	ABSENT	0
19NT5A0216	R1641023	POWER SYSTEM OPERATION & CONTROL	ABSENT	0
19NT5A0216	R1641024	SWITCHGEAR AND PROTECTION	ABSENT	0
19NT5A0216	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0216	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0216	R164102D	INSTRUMENTATION	ABSENT	0
19NT5A0216	R164102F	ELECTRIC POWER QUALITY	ABSENT	0
19NT5A0217	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0217	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0217	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0217	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0217	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0217	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0217	R164102D	INSTRUMENTATION	D	3
19NT5A0217	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0218	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0218	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0218	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0218	R1641024	SWITCHGEAR AND PROTECTION	B	3
19NT5A0218	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0218	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0218	R164102D	INSTRUMENTATION	B	3
19NT5A0218	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0219	R1641021	UTILIZATION OF ELECTRICAL ENERGY	ABSENT	0
19NT5A0219	R1641022	LINEAR IC APPLICATION	ABSENT	0
19NT5A0219	R1641023	POWER SYSTEM OPERATION & CONTROL	ABSENT	0
19NT5A0219	R1641024	SWITCHGEAR AND PROTECTION	ABSENT	0
19NT5A0219	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0219	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0219	R164102D	INSTRUMENTATION	ABSENT	0
19NT5A0219	R164102F	ELECTRIC POWER QUALITY	ABSENT	0
19NT5A0221	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0221	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0221	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0221	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0221	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0221	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0221	R164102D	INSTRUMENTATION	C	3
19NT5A0221	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0222	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0222	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0222	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0222	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0222	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0222	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0222	R164102D	INSTRUMENTATION	C	3
19NT5A0222	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0223	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0223	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0223	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0223	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0223	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0223	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0223	R164102D	INSTRUMENTATION	F	0
19NT5A0223	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0225	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0225	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0225	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0225	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0225	R1641027	ELECTRICAL SIMULATION LABORATORY	C	2
19NT5A0225	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0225	R164102D	INSTRUMENTATION	D	3
19NT5A0225	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0226	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0226	R1641022	LINEAR IC APPLICATION	C	3
19NT5A0226	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0226	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0226	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0226	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0226	R164102D	INSTRUMENTATION	C	3
19NT5A0226	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0227	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
19NT5A0227	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0227	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0227	R1641024	SWITCHGEAR AND PROTECTION	F	0
19NT5A0227	R1641027	ELECTRICAL SIMULATION LABORATORY	A	2
19NT5A0227	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0227	R164102D	INSTRUMENTATION	F	0
19NT5A0227	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0230	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0230	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0230	R1641023	POWER SYSTEM OPERATION & CONTROL	B	3
19NT5A0230	R1641024	SWITCHGEAR AND PROTECTION	A	3
19NT5A0230	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0230	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0230	R164102D	INSTRUMENTATION	S	3
19NT5A0230	R164102F	ELECTRIC POWER QUALITY	B	3
19NT5A0231	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0231	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0231	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0231	R1641024	SWITCHGEAR AND PROTECTION	B	3
19NT5A0231	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0231	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0231	R164102D	INSTRUMENTATION	B	3
19NT5A0231	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0232	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0232	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0232	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0232	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0232	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0232	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0

Htno	Subcode	Subname	Grade	Credits
19NT5A0232	R164102D	INSTRUMENTATION	D	3
19NT5A0232	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0235	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0235	R1641022	LINEAR IC APPLICATION	C	3
19NT5A0235	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0235	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0235	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0235	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0235	R164102D	INSTRUMENTATION	D	3
19NT5A0235	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0236	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0236	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0236	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0236	R1641024	SWITCHGEAR AND PROTECTION	B	3
19NT5A0236	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0236	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0236	R164102D	INSTRUMENTATION	B	3
19NT5A0236	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0237	R1641021	UTILIZATION OF ELECTRICAL ENERGY	B	3
19NT5A0237	R1641022	LINEAR IC APPLICATION	C	3
19NT5A0237	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0237	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0237	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0237	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0237	R164102D	INSTRUMENTATION	B	3
19NT5A0237	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0239	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0239	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0239	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0239	R1641024	SWITCHGEAR AND PROTECTION	F	0
19NT5A0239	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0239	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0239	R164102D	INSTRUMENTATION	D	3
19NT5A0239	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0240	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0240	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0240	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0240	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0240	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0240	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0240	R164102D	INSTRUMENTATION	F	0
19NT5A0240	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0241	R1641021	UTILIZATION OF ELECTRICAL ENERGY	A	3
19NT5A0241	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0241	R1641023	POWER SYSTEM OPERATION & CONTROL	B	3
19NT5A0241	R1641024	SWITCHGEAR AND PROTECTION	B	3
19NT5A0241	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0241	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0241	R164102D	INSTRUMENTATION	A	3
19NT5A0241	R164102F	ELECTRIC POWER QUALITY	A	3
19NT5A0242	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0242	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0242	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0242	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0242	R1641027	ELECTRICAL SIMULATION LABORATORY	A	2
19NT5A0242	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0242	R164102D	INSTRUMENTATION	C	3
19NT5A0242	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0243	R1641021	UTILIZATION OF ELECTRICAL ENERGY	F	0
19NT5A0243	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0243	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0243	R1641024	SWITCHGEAR AND PROTECTION	F	0
19NT5A0243	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0243	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0243	R164102D	INSTRUMENTATION	F	0
19NT5A0243	R164102F	ELECTRIC POWER QUALITY	ABSENT	0
19NT5A0244	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0244	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0244	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0244	R1641024	SWITCHGEAR AND PROTECTION	F	0
19NT5A0244	R1641027	ELECTRICAL SIMULATION LABORATORY	ABSENT	0
19NT5A0244	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	ABSENT	0
19NT5A0244	R164102D	INSTRUMENTATION	D	3
19NT5A0244	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0246	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0246	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0246	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0246	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0246	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0246	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0246	R164102D	INSTRUMENTATION	C	3
19NT5A0246	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0247	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0247	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0247	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0247	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0247	R1641027	ELECTRICAL SIMULATION LABORATORY	A	2
19NT5A0247	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0247	R164102D	INSTRUMENTATION	D	3
19NT5A0247	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0248	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0248	R1641022	LINEAR IC APPLICATION	B	3
19NT5A0248	R1641023	POWER SYSTEM OPERATION & CONTROL	D	3
19NT5A0248	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0248	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0248	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0248	R164102D	INSTRUMENTATION	C	3
19NT5A0248	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0252	R1641021	UTILIZATION OF ELECTRICAL ENERGY	A	3
19NT5A0252	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0252	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0252	R1641024	SWITCHGEAR AND PROTECTION	A	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0252	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0252	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0252	R164102D	INSTRUMENTATION	A	3
19NT5A0252	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0254	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0254	R1641022	LINEAR IC APPLICATION	A	3
19NT5A0254	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0254	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0254	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0254	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0254	R164102D	INSTRUMENTATION	C	3
19NT5A0254	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0255	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0255	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0255	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0255	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0255	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0255	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0255	R164102D	INSTRUMENTATION	F	0
19NT5A0255	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0257	R1641021	UTILIZATION OF ELECTRICAL ENERGY	D	3
19NT5A0257	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0257	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0257	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0257	R1641027	ELECTRICAL SIMULATION LABORATORY	A	2
19NT5A0257	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0257	R164102D	INSTRUMENTATION	F	0
19NT5A0257	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0258	R1641021	UTILIZATION OF ELECTRICAL ENERGY	A	3
19NT5A0258	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0258	R1641023	POWER SYSTEM OPERATION & CONTROL	B	3
19NT5A0258	R1641024	SWITCHGEAR AND PROTECTION	B	3
19NT5A0258	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0258	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0258	R164102D	INSTRUMENTATION	B	3
19NT5A0258	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0260	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0260	R1641022	LINEAR IC APPLICATION	F	0
19NT5A0260	R1641023	POWER SYSTEM OPERATION & CONTROL	F	0
19NT5A0260	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0260	R1641027	ELECTRICAL SIMULATION LABORATORY	B	2
19NT5A0260	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	A	2
19NT5A0260	R164102D	INSTRUMENTATION	F	0
19NT5A0260	R164102F	ELECTRIC POWER QUALITY	F	0
19NT5A0261	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0261	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0261	R1641023	POWER SYSTEM OPERATION & CONTROL	B	3
19NT5A0261	R1641024	SWITCHGEAR AND PROTECTION	C	3
19NT5A0261	R1641027	ELECTRICAL SIMULATION LABORATORY	S	2
19NT5A0261	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	S	2
19NT5A0261	R164102D	INSTRUMENTATION	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0261	R164102F	ELECTRIC POWER QUALITY	C	3
19NT5A0262	R1641021	UTILIZATION OF ELECTRICAL ENERGY	C	3
19NT5A0262	R1641022	LINEAR IC APPLICATION	D	3
19NT5A0262	R1641023	POWER SYSTEM OPERATION & CONTROL	C	3
19NT5A0262	R1641024	SWITCHGEAR AND PROTECTION	D	3
19NT5A0262	R1641027	ELECTRICAL SIMULATION LABORATORY	O	2
19NT5A0262	R1641028	POWER SYSTEMS & SIMULATION LABORATORY	O	2
19NT5A0262	R164102D	INSTRUMENTATION	B	3
19NT5A0262	R164102F	ELECTRIC POWER QUALITY	D	3
19NT5A0301	R1641031	MECHATRONICS	B	3
19NT5A0301	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0301	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0301	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0301	R1641037	CAD/CAM LAB	O	2
19NT5A0301	R1641038	MECHATRONICS LAB	S	2
19NT5A0301	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0301	R164103D	ADVANCED MATERIALS	B	3
19NT5A0302	R1641031	MECHATRONICS	F	0
19NT5A0302	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0302	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0302	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0302	R1641037	CAD/CAM LAB	S	2
19NT5A0302	R1641038	MECHATRONICS LAB	S	2
19NT5A0302	R164103C	ADDITIVE MANUFACTURING	F	0
19NT5A0302	R164103D	ADVANCED MATERIALS	F	0
19NT5A0303	R1641031	MECHATRONICS	B	3
19NT5A0303	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19NT5A0303	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0303	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0303	R1641037	CAD/CAM LAB	S	2
19NT5A0303	R1641038	MECHATRONICS LAB	S	2
19NT5A0303	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0303	R164103D	ADVANCED MATERIALS	B	3
19NT5A0304	R1641031	MECHATRONICS	D	3
19NT5A0304	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0304	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0304	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0304	R1641037	CAD/CAM LAB	S	2
19NT5A0304	R1641038	MECHATRONICS LAB	S	2
19NT5A0304	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0304	R164103D	ADVANCED MATERIALS	D	3
19NT5A0305	R1641031	MECHATRONICS	D	3
19NT5A0305	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0305	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0305	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0305	R1641037	CAD/CAM LAB	S	2
19NT5A0305	R1641038	MECHATRONICS LAB	S	2
19NT5A0305	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0305	R164103D	ADVANCED MATERIALS	C	3
19NT5A0306	R1641031	MECHATRONICS	B	3
19NT5A0306	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0306	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	A	3
19NT5A0306	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0306	R1641037	CAD/CAM LAB	O	2
19NT5A0306	R1641038	MECHATRONICS LAB	S	2
19NT5A0306	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0306	R164103D	ADVANCED MATERIALS	B	3
19NT5A0308	R1641031	MECHATRONICS	B	3
19NT5A0308	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0308	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0308	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0308	R1641037	CAD/CAM LAB	O	2
19NT5A0308	R1641038	MECHATRONICS LAB	O	2
19NT5A0308	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0308	R164103D	ADVANCED MATERIALS	B	3
19NT5A0309	R1641031	MECHATRONICS	B	3
19NT5A0309	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0309	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0309	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0309	R1641037	CAD/CAM LAB	O	2
19NT5A0309	R1641038	MECHATRONICS LAB	O	2
19NT5A0309	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0309	R164103D	ADVANCED MATERIALS	B	3
19NT5A0310	R1641031	MECHATRONICS	A	3
19NT5A0310	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19NT5A0310	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	A	3
19NT5A0310	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0310	R1641037	CAD/CAM LAB	O	2
19NT5A0310	R1641038	MECHATRONICS LAB	O	2
19NT5A0310	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0310	R164103D	ADVANCED MATERIALS	B	3
19NT5A0311	R1641031	MECHATRONICS	C	3
19NT5A0311	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0311	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0311	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0311	R1641037	CAD/CAM LAB	O	2
19NT5A0311	R1641038	MECHATRONICS LAB	O	2
19NT5A0311	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0311	R164103D	ADVANCED MATERIALS	B	3
19NT5A0312	R1641031	MECHATRONICS	D	3
19NT5A0312	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0312	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0312	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0312	R1641037	CAD/CAM LAB	S	2
19NT5A0312	R1641038	MECHATRONICS LAB	S	2
19NT5A0312	R164103C	ADDITIVE MANUFACTURING	F	0
19NT5A0312	R164103D	ADVANCED MATERIALS	F	0
19NT5A0314	R1641031	MECHATRONICS	C	3
19NT5A0314	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0314	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0314	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0314	R1641037	CAD/CAM LAB	S	2

Htno	Subcode	Subname	Grade	Credits
19NT5A0314	R1641038	MECHATRONICS LAB	S	2
19NT5A0314	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0314	R164103D	ADVANCED MATERIALS	D	3
19NT5A0316	R1641031	MECHATRONICS	ABSENT	0
19NT5A0316	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
19NT5A0316	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
19NT5A0316	R1641034	POWER PLANT ENGINEERING	ABSENT	0
19NT5A0316	R1641037	CAD/CAM LAB	S	2
19NT5A0316	R1641038	MECHATRONICS LAB	S	2
19NT5A0316	R164103C	ADDITIVE MANUFACTURING	ABSENT	0
19NT5A0316	R164103D	ADVANCED MATERIALS	ABSENT	0
19NT5A0317	R1641031	MECHATRONICS	F	0
19NT5A0317	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0317	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0317	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0317	R1641037	CAD/CAM LAB	S	2
19NT5A0317	R1641038	MECHATRONICS LAB	S	2
19NT5A0317	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0317	R164103D	ADVANCED MATERIALS	D	3
19NT5A0319	R1641031	MECHATRONICS	C	3
19NT5A0319	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0319	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0319	R1641034	POWER PLANT ENGINEERING	A	3
19NT5A0319	R1641037	CAD/CAM LAB	S	2
19NT5A0319	R1641038	MECHATRONICS LAB	S	2
19NT5A0319	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0319	R164103D	ADVANCED MATERIALS	C	3
19NT5A0320	R1641031	MECHATRONICS	D	3
19NT5A0320	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0320	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	A	3
19NT5A0320	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0320	R1641037	CAD/CAM LAB	O	2
19NT5A0320	R1641038	MECHATRONICS LAB	S	2
19NT5A0320	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0320	R164103D	ADVANCED MATERIALS	C	3
19NT5A0321	R1641031	MECHATRONICS	C	3
19NT5A0321	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0321	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0321	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0321	R1641037	CAD/CAM LAB	O	2
19NT5A0321	R1641038	MECHATRONICS LAB	O	2
19NT5A0321	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0321	R164103D	ADVANCED MATERIALS	C	3
19NT5A0322	R1641031	MECHATRONICS	C	3
19NT5A0322	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0322	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0322	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0322	R1641037	CAD/CAM LAB	S	2
19NT5A0322	R1641038	MECHATRONICS LAB	S	2
19NT5A0322	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0322	R164103D	ADVANCED MATERIALS	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0324	R1641031	MECHATRONICS	C	3
19NT5A0324	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0324	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0324	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0324	R1641037	CAD/CAM LAB	O	2
19NT5A0324	R1641038	MECHATRONICS LAB	S	2
19NT5A0324	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0324	R164103D	ADVANCED MATERIALS	B	3
19NT5A0328	R1641031	MECHATRONICS	C	3
19NT5A0328	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0328	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0328	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0328	R1641037	CAD/CAM LAB	O	2
19NT5A0328	R1641038	MECHATRONICS LAB	S	2
19NT5A0328	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0328	R164103D	ADVANCED MATERIALS	B	3
19NT5A0329	R1641031	MECHATRONICS	D	3
19NT5A0329	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0329	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0329	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0329	R1641037	CAD/CAM LAB	O	2
19NT5A0329	R1641038	MECHATRONICS LAB	O	2
19NT5A0329	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0329	R164103D	ADVANCED MATERIALS	C	3
19NT5A0330	R1641031	MECHATRONICS	F	0
19NT5A0330	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0330	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0330	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0330	R1641037	CAD/CAM LAB	A	2
19NT5A0330	R1641038	MECHATRONICS LAB	S	2
19NT5A0330	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0330	R164103D	ADVANCED MATERIALS	D	3
19NT5A0331	R1641031	MECHATRONICS	D	3
19NT5A0331	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0331	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0331	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0331	R1641037	CAD/CAM LAB	S	2
19NT5A0331	R1641038	MECHATRONICS LAB	B	2
19NT5A0331	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0331	R164103D	ADVANCED MATERIALS	D	3
19NT5A0332	R1641031	MECHATRONICS	B	3
19NT5A0332	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19NT5A0332	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0332	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0332	R1641037	CAD/CAM LAB	O	2
19NT5A0332	R1641038	MECHATRONICS LAB	S	2
19NT5A0332	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0332	R164103D	ADVANCED MATERIALS	C	3
19NT5A0333	R1641031	MECHATRONICS	C	3
19NT5A0333	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0333	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0333	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0333	R1641037	CAD/CAM LAB	O	2
19NT5A0333	R1641038	MECHATRONICS LAB	S	2
19NT5A0333	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0333	R164103D	ADVANCED MATERIALS	B	3
19NT5A0336	R1641031	MECHATRONICS	C	3
19NT5A0336	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0336	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0336	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0336	R1641037	CAD/CAM LAB	S	2
19NT5A0336	R1641038	MECHATRONICS LAB	S	2
19NT5A0336	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0336	R164103D	ADVANCED MATERIALS	C	3
19NT5A0337	R1641031	MECHATRONICS	D	3
19NT5A0337	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0337	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0337	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0337	R1641037	CAD/CAM LAB	A	2
19NT5A0337	R1641038	MECHATRONICS LAB	A	2
19NT5A0337	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0337	R164103D	ADVANCED MATERIALS	D	3
19NT5A0340	R1641031	MECHATRONICS	C	3
19NT5A0340	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19NT5A0340	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0340	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0340	R1641037	CAD/CAM LAB	O	2
19NT5A0340	R1641038	MECHATRONICS LAB	S	2
19NT5A0340	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0340	R164103D	ADVANCED MATERIALS	B	3
19NT5A0342	R1641031	MECHATRONICS	D	3
19NT5A0342	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0342	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0342	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0342	R1641037	CAD/CAM LAB	O	2
19NT5A0342	R1641038	MECHATRONICS LAB	S	2
19NT5A0342	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0342	R164103D	ADVANCED MATERIALS	B	3
19NT5A0343	R1641031	MECHATRONICS	F	0
19NT5A0343	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0343	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0343	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0343	R1641037	CAD/CAM LAB	S	2
19NT5A0343	R1641038	MECHATRONICS LAB	S	2
19NT5A0343	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0343	R164103D	ADVANCED MATERIALS	C	3
19NT5A0345	R1641031	MECHATRONICS	F	0
19NT5A0345	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0345	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0345	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0345	R1641037	CAD/CAM LAB	S	2
19NT5A0345	R1641038	MECHATRONICS LAB	S	2

Htno	Subcode	Subname	Grade	Credits
19NT5A0345	R164103C	ADDITIVE MANUFACTURING	F	0
19NT5A0345	R164103D	ADVANCED MATERIALS	F	0
19NT5A0346	R1641031	MECHATRONICS	D	3
19NT5A0346	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0346	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0346	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0346	R1641037	CAD/CAM LAB	O	2
19NT5A0346	R1641038	MECHATRONICS LAB	O	2
19NT5A0346	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0346	R164103D	ADVANCED MATERIALS	C	3
19NT5A0347	R1641031	MECHATRONICS	D	3
19NT5A0347	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0347	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0347	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0347	R1641037	CAD/CAM LAB	O	2
19NT5A0347	R1641038	MECHATRONICS LAB	O	2
19NT5A0347	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0347	R164103D	ADVANCED MATERIALS	C	3
19NT5A0348	R1641031	MECHATRONICS	D	3
19NT5A0348	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0348	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0348	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0348	R1641037	CAD/CAM LAB	O	2
19NT5A0348	R1641038	MECHATRONICS LAB	S	2
19NT5A0348	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0348	R164103D	ADVANCED MATERIALS	D	3
19NT5A0349	R1641031	MECHATRONICS	D	3
19NT5A0349	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0349	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0349	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0349	R1641037	CAD/CAM LAB	A	2
19NT5A0349	R1641038	MECHATRONICS LAB	B	2
19NT5A0349	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0349	R164103D	ADVANCED MATERIALS	C	3
19NT5A0350	R1641031	MECHATRONICS	D	3
19NT5A0350	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0350	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0350	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0350	R1641037	CAD/CAM LAB	O	2
19NT5A0350	R1641038	MECHATRONICS LAB	S	2
19NT5A0350	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0350	R164103D	ADVANCED MATERIALS	C	3
19NT5A0351	R1641031	MECHATRONICS	D	3
19NT5A0351	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0351	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0351	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0351	R1641037	CAD/CAM LAB	A	2
19NT5A0351	R1641038	MECHATRONICS LAB	S	2
19NT5A0351	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0351	R164103D	ADVANCED MATERIALS	C	3
19NT5A0352	R1641031	MECHATRONICS	F	0

Htno	Subcode	Subname	Grade	Credits
19NT5A0352	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0352	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0352	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0352	R1641037	CAD/CAM LAB	O	2
19NT5A0352	R1641038	MECHATRONICS LAB	O	2
19NT5A0352	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0352	R164103D	ADVANCED MATERIALS	C	3
19NT5A0355	R1641031	MECHATRONICS	F	0
19NT5A0355	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0355	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0355	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0355	R1641037	CAD/CAM LAB	S	2
19NT5A0355	R1641038	MECHATRONICS LAB	S	2
19NT5A0355	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0355	R164103D	ADVANCED MATERIALS	D	3
19NT5A0357	R1641031	MECHATRONICS	D	3
19NT5A0357	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0357	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0357	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0357	R1641037	CAD/CAM LAB	S	2
19NT5A0357	R1641038	MECHATRONICS LAB	S	2
19NT5A0357	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0357	R164103D	ADVANCED MATERIALS	C	3
19NT5A0362	R1641031	MECHATRONICS	D	3
19NT5A0362	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0362	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0362	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0362	R1641037	CAD/CAM LAB	S	2
19NT5A0362	R1641038	MECHATRONICS LAB	S	2
19NT5A0362	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0362	R164103D	ADVANCED MATERIALS	C	3
19NT5A0364	R1641031	MECHATRONICS	D	3
19NT5A0364	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0364	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0364	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0364	R1641037	CAD/CAM LAB	S	2
19NT5A0364	R1641038	MECHATRONICS LAB	S	2
19NT5A0364	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0364	R164103D	ADVANCED MATERIALS	C	3
19NT5A0365	R1641031	MECHATRONICS	D	3
19NT5A0365	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0365	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0365	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0365	R1641037	CAD/CAM LAB	O	2
19NT5A0365	R1641038	MECHATRONICS LAB	S	2
19NT5A0365	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0365	R164103D	ADVANCED MATERIALS	D	3
19NT5A0366	R1641031	MECHATRONICS	F	0
19NT5A0366	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0366	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0366	R1641034	POWER PLANT ENGINEERING	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0366	R1641037	CAD/CAM LAB	A	2
19NT5A0366	R1641038	MECHATRONICS LAB	A	2
19NT5A0366	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0366	R164103D	ADVANCED MATERIALS	C	3
19NT5A0368	R1641031	MECHATRONICS	F	0
19NT5A0368	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0368	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0368	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0368	R1641037	CAD/CAM LAB	A	2
19NT5A0368	R1641038	MECHATRONICS LAB	A	2
19NT5A0368	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0368	R164103D	ADVANCED MATERIALS	C	3
19NT5A0369	R1641031	MECHATRONICS	D	3
19NT5A0369	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0369	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0369	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0369	R1641037	CAD/CAM LAB	O	2
19NT5A0369	R1641038	MECHATRONICS LAB	O	2
19NT5A0369	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0369	R164103D	ADVANCED MATERIALS	B	3
19NT5A0371	R1641031	MECHATRONICS	D	3
19NT5A0371	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0371	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0371	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0371	R1641037	CAD/CAM LAB	S	2
19NT5A0371	R1641038	MECHATRONICS LAB	S	2
19NT5A0371	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0371	R164103D	ADVANCED MATERIALS	C	3
19NT5A0372	R1641031	MECHATRONICS	F	0
19NT5A0372	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0372	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0372	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0372	R1641037	CAD/CAM LAB	A	2
19NT5A0372	R1641038	MECHATRONICS LAB	A	2
19NT5A0372	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0372	R164103D	ADVANCED MATERIALS	F	0
19NT5A0373	R1641031	MECHATRONICS	D	3
19NT5A0373	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0373	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0373	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0373	R1641037	CAD/CAM LAB	S	2
19NT5A0373	R1641038	MECHATRONICS LAB	S	2
19NT5A0373	R164103C	ADDITIVE MANUFACTURING	D	3
19NT5A0373	R164103D	ADVANCED MATERIALS	D	3
19NT5A0374	R1641031	MECHATRONICS	F	0
19NT5A0374	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A0374	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0374	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0374	R1641037	CAD/CAM LAB	A	2
19NT5A0374	R1641038	MECHATRONICS LAB	S	2
19NT5A0374	R164103C	ADDITIVE MANUFACTURING	F	0

Htno	Subcode	Subname	Grade	Credits
19NT5A0374	R164103D	ADVANCED MATERIALS	F	0
19NT5A0375	R1641031	MECHATRONICS	D	3
19NT5A0375	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0375	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0375	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0375	R1641037	CAD/CAM LAB	O	2
19NT5A0375	R1641038	MECHATRONICS LAB	O	2
19NT5A0375	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0375	R164103D	ADVANCED MATERIALS	C	3
19NT5A0376	R1641031	MECHATRONICS	C	3
19NT5A0376	R1641032	CAD/CAM(COMMON TO ME & AME)	A	3
19NT5A0376	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0376	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0376	R1641037	CAD/CAM LAB	O	2
19NT5A0376	R1641038	MECHATRONICS LAB	S	2
19NT5A0376	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0376	R164103D	ADVANCED MATERIALS	C	3
19NT5A0379	R1641031	MECHATRONICS	C	3
19NT5A0379	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0379	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0379	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0379	R1641037	CAD/CAM LAB	S	2
19NT5A0379	R1641038	MECHATRONICS LAB	S	2
19NT5A0379	R164103C	ADDITIVE MANUFACTURING	A	3
19NT5A0379	R164103D	ADVANCED MATERIALS	C	3
19NT5A0380	R1641031	MECHATRONICS	D	3
19NT5A0380	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0380	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0380	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0380	R1641037	CAD/CAM LAB	S	2
19NT5A0380	R1641038	MECHATRONICS LAB	S	2
19NT5A0380	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0380	R164103D	ADVANCED MATERIALS	D	3
19NT5A0382	R1641031	MECHATRONICS	ABSENT	0
19NT5A0382	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
19NT5A0382	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
19NT5A0382	R1641034	POWER PLANT ENGINEERING	ABSENT	0
19NT5A0382	R1641037	CAD/CAM LAB	ABSENT	0
19NT5A0382	R1641038	MECHATRONICS LAB	ABSENT	0
19NT5A0382	R164103C	ADDITIVE MANUFACTURING	ABSENT	0
19NT5A0382	R164103D	ADVANCED MATERIALS	ABSENT	0
19NT5A0383	R1641031	MECHATRONICS	ABSENT	0
19NT5A0383	R1641032	CAD/CAM(COMMON TO ME & AME)	ABSENT	0
19NT5A0383	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	ABSENT	0
19NT5A0383	R1641034	POWER PLANT ENGINEERING	ABSENT	0
19NT5A0383	R1641037	CAD/CAM LAB	ABSENT	0
19NT5A0383	R1641038	MECHATRONICS LAB	ABSENT	0
19NT5A0383	R164103C	ADDITIVE MANUFACTURING	ABSENT	0
19NT5A0383	R164103D	ADVANCED MATERIALS	ABSENT	0
19NT5A0384	R1641031	MECHATRONICS	C	3
19NT5A0384	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0384	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0384	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0384	R1641037	CAD/CAM LAB	O	2
19NT5A0384	R1641038	MECHATRONICS LAB	O	2
19NT5A0384	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0384	R164103D	ADVANCED MATERIALS	C	3
19NT5A0385	R1641031	MECHATRONICS	D	3
19NT5A0385	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0385	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A0385	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0385	R1641037	CAD/CAM LAB	O	2
19NT5A0385	R1641038	MECHATRONICS LAB	O	2
19NT5A0385	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0385	R164103D	ADVANCED MATERIALS	C	3
19NT5A0386	R1641031	MECHATRONICS	D	3
19NT5A0386	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0386	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0386	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0386	R1641037	CAD/CAM LAB	O	2
19NT5A0386	R1641038	MECHATRONICS LAB	S	2
19NT5A0386	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0386	R164103D	ADVANCED MATERIALS	C	3
19NT5A0387	R1641031	MECHATRONICS	C	3
19NT5A0387	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0387	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0387	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0387	R1641037	CAD/CAM LAB	O	2
19NT5A0387	R1641038	MECHATRONICS LAB	O	2
19NT5A0387	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0387	R164103D	ADVANCED MATERIALS	C	3
19NT5A0388	R1641031	MECHATRONICS	D	3
19NT5A0388	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0388	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0388	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0388	R1641037	CAD/CAM LAB	A	2
19NT5A0388	R1641038	MECHATRONICS LAB	S	2
19NT5A0388	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0388	R164103D	ADVANCED MATERIALS	B	3
19NT5A0389	R1641031	MECHATRONICS	C	3
19NT5A0389	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0389	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0389	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0389	R1641037	CAD/CAM LAB	O	2
19NT5A0389	R1641038	MECHATRONICS LAB	O	2
19NT5A0389	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0389	R164103D	ADVANCED MATERIALS	D	3
19NT5A0390	R1641031	MECHATRONICS	D	3
19NT5A0390	R1641032	CAD/CAM(COMMON TO ME & AME)	C	3
19NT5A0390	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A0390	R1641034	POWER PLANT ENGINEERING	D	3
19NT5A0390	R1641037	CAD/CAM LAB	A	2

Htno	Subcode	Subname	Grade	Credits
19NT5A0390	R1641038	MECHATRONICS LAB	S	2
19NT5A0390	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0390	R164103D	ADVANCED MATERIALS	D	3
19NT5A0391	R1641031	MECHATRONICS	C	3
19NT5A0391	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A0391	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	B	3
19NT5A0391	R1641034	POWER PLANT ENGINEERING	B	3
19NT5A0391	R1641037	CAD/CAM LAB	O	2
19NT5A0391	R1641038	MECHATRONICS LAB	O	2
19NT5A0391	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0391	R164103D	ADVANCED MATERIALS	B	3
19NT5A0394	R1641031	MECHATRONICS	D	3
19NT5A0394	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A0394	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0394	R1641034	POWER PLANT ENGINEERING	F	0
19NT5A0394	R1641037	CAD/CAM LAB	A	2
19NT5A0394	R1641038	MECHATRONICS LAB	A	2
19NT5A0394	R164103C	ADDITIVE MANUFACTURING	C	3
19NT5A0394	R164103D	ADVANCED MATERIALS	D	3
19NT5A0395	R1641031	MECHATRONICS	C	3
19NT5A0395	R1641032	CAD/CAM(COMMON TO ME & AME)	S	3
19NT5A0395	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	C	3
19NT5A0395	R1641034	POWER PLANT ENGINEERING	C	3
19NT5A0395	R1641037	CAD/CAM LAB	O	2
19NT5A0395	R1641038	MECHATRONICS LAB	O	2
19NT5A0395	R164103C	ADDITIVE MANUFACTURING	B	3
19NT5A0395	R164103D	ADVANCED MATERIALS	C	3
19NT5A0401	R1641041	RADAR SYSTEMS	C	3
19NT5A0401	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	D	3
19NT5A0401	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
19NT5A0401	R1641044	OPTICAL COMMUNICATIONS	D	3
19NT5A0401	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	O	2
19NT5A0401	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0401	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
19NT5A0401	R164104D	EMBEDDED SYSTEMS	D	3
19NT5A0402	R1641041	RADAR SYSTEMS	C	3
19NT5A0402	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0402	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
19NT5A0402	R1641044	OPTICAL COMMUNICATIONS	D	3
19NT5A0402	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0402	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0402	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
19NT5A0402	R164104D	EMBEDDED SYSTEMS	F	0
19NT5A0403	R1641041	RADAR SYSTEMS	B	3
19NT5A0403	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0403	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3
19NT5A0403	R1641044	OPTICAL COMMUNICATIONS	B	3
19NT5A0403	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0403	R1641048	DIGITAL SIGNAL PROCESSING LAB	O	2
19NT5A0403	R164104C	SYSTEM DESIGN THROUGH VERILOG	C	3
19NT5A0403	R164104D	EMBEDDED SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0404	R1641041	RADAR SYSTEMS	D	3
19NT5A0404	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0404	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
19NT5A0404	R1641044	OPTICAL COMMUNICATIONS	D	3
19NT5A0404	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0404	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0404	R164104C	SYSTEM DESIGN THROUGH VERILOG	F	0
19NT5A0404	R164104D	EMBEDDED SYSTEMS	D	3
19NT5A0406	R1641041	RADAR SYSTEMS	C	3
19NT5A0406	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0406	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
19NT5A0406	R1641044	OPTICAL COMMUNICATIONS	F	0
19NT5A0406	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
19NT5A0406	R1641048	DIGITAL SIGNAL PROCESSING LAB	A	2
19NT5A0406	R164104C	SYSTEM DESIGN THROUGH VERILOG	F	0
19NT5A0406	R164104D	EMBEDDED SYSTEMS	D	3
19NT5A0407	R1641041	RADAR SYSTEMS	C	3
19NT5A0407	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0407	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	C	3
19NT5A0407	R1641044	OPTICAL COMMUNICATIONS	F	0
19NT5A0407	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0407	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0407	R164104C	SYSTEM DESIGN THROUGH VERILOG	F	0
19NT5A0407	R164104D	EMBEDDED SYSTEMS	D	3
19NT5A0409	R1641041	RADAR SYSTEMS	C	3
19NT5A0409	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0409	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3
19NT5A0409	R1641044	OPTICAL COMMUNICATIONS	D	3
19NT5A0409	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0409	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0409	R164104C	SYSTEM DESIGN THROUGH VERILOG	D	3
19NT5A0409	R164104D	EMBEDDED SYSTEMS	D	3
19NT5A0411	R1641041	RADAR SYSTEMS	A	3
19NT5A0411	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	B	3
19NT5A0411	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	A	3
19NT5A0411	R1641044	OPTICAL COMMUNICATIONS	B	3
19NT5A0411	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0411	R1641048	DIGITAL SIGNAL PROCESSING LAB	S	2
19NT5A0411	R164104C	SYSTEM DESIGN THROUGH VERILOG	B	3
19NT5A0411	R164104D	EMBEDDED SYSTEMS	B	3
19NT5A0412	R1641041	RADAR SYSTEMS	D	3
19NT5A0412	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	D	3
19NT5A0412	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	D	3
19NT5A0412	R1641044	OPTICAL COMMUNICATIONS	ABSENT	0
19NT5A0412	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	A	2
19NT5A0412	R1641048	DIGITAL SIGNAL PROCESSING LAB	A	2
19NT5A0412	R164104C	SYSTEM DESIGN THROUGH VERILOG	ABSENT	0
19NT5A0412	R164104D	EMBEDDED SYSTEMS	ABSENT	0
19NT5A0413	R1641041	RADAR SYSTEMS	B	3
19NT5A0413	R1641042	DIGITAL IMAGE PROCESSING(COMMON TO ECE ,	C	3
19NT5A0413	R1641043	COMPUTER NETWORKS(COMMON TO ECE & EIE)	B	3

Htno	Subcode	Subname	Grade	Credits
19NT5A0413	R1641044	OPTICAL COMMUNICATIONS	C	3
19NT5A0413	R1641047	MICRO WAVE ENGINEERING & OPTICAL LAB	S	2
19NT5A0413	R1641048	DIGITAL SIGNAL PROCESSING LAB	A	2
19NT5A0413	R164104C	SYSTEM DESIGN THROUGH VERILOG	C	3
19NT5A0413	R164104D	EMBEDDED SYSTEMS	C	3
19NT5A0503	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	C	3
19NT5A0503	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	A	3
19NT5A0503	R1641053	WEB TECHNOLOGIES	C	3
19NT5A0503	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
19NT5A0503	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
19NT5A0503	R1641058	WEB TECHNOLOGIES LAB	O	2
19NT5A0503	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	C	3
19NT5A0503	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	A	3
19NT5A0504	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	F	0
19NT5A0504	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	D	3
19NT5A0504	R1641053	WEB TECHNOLOGIES	ABSENT	0
19NT5A0504	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	D	3
19NT5A0504	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	A	2
19NT5A0504	R1641058	WEB TECHNOLOGIES LAB	S	2
19NT5A0504	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	ABSENT	0
19NT5A0504	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	ABSENT	0
19NT5A0505	R1641051	CRYPTOGRAPHY AND NETWORK SECURITY (COMM	D	3
19NT5A0505	R1641052	SOFTWARE ARCHITECTURE & DEISGN PATTERNS	F	0
19NT5A0505	R1641053	WEB TECHNOLOGIES	D	3
19NT5A0505	R1641054	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
19NT5A0505	R1641057	SOFTWARE ARCHITECURES & DESIGN PATTERNS	O	2
19NT5A0505	R1641058	WEB TECHNOLOGIES LAB	O	2
19NT5A0505	R164105C	MOBILE COMPUTING (COMMON TO CSE & IT)	F	0
19NT5A0505	R164105E	SOFTWARE PROJECT MANAGEMENT(COMMON TO CS	C	3
19NT5A2402	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A2402	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A2402	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2402	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2402	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2402	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2402	R1641248	CAD/CAM -LAB	O	2
19NT5A2402	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2403	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A2403	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A2403	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	C	3
19NT5A2403	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	F	0
19NT5A2403	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2403	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2403	R1641248	CAD/CAM -LAB	O	2
19NT5A2403	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2404	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A2404	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A2404	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2404	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	B	3
19NT5A2404	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2404	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2

Htno	Subcode	Subname	Grade	Credits
19NT5A2404	R1641248	CAD/CAM -LAB	O	2
19NT5A2404	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2405	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A2405	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2405	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2405	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2405	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2405	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2405	R1641248	CAD/CAM -LAB	O	2
19NT5A2405	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2406	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A2406	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2406	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	B	3
19NT5A2406	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2406	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2406	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2406	R1641248	CAD/CAM -LAB	O	2
19NT5A2406	R164124B	INDUSTRIAL ROBOTICS	C	3
19NT5A2409	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A2409	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2409	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2409	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2409	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2409	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2409	R1641248	CAD/CAM -LAB	O	2
19NT5A2409	R164124B	INDUSTRIAL ROBOTICS	F	0
19NT5A2410	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3
19NT5A2410	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	D	3
19NT5A2410	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	C	3
19NT5A2410	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	D	3
19NT5A2410	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2410	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2410	R1641248	CAD/CAM -LAB	O	2
19NT5A2410	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2411	R1641032	CAD/CAM(COMMON TO ME & AME)	F	0
19NT5A2411	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2411	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	C	3
19NT5A2411	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2411	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2411	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2411	R1641248	CAD/CAM -LAB	O	2
19NT5A2411	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2412	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A2412	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2412	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2412	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	F	0
19NT5A2412	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2412	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	S	2
19NT5A2412	R1641248	CAD/CAM -LAB	O	2
19NT5A2412	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2413	R1641032	CAD/CAM(COMMON TO ME & AME)	D	3

Htno	Subcode	Subname	Grade	Credits
19NT5A2413	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2413	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	B	3
19NT5A2413	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	D	3
19NT5A2413	R1641242	VEHICLE DYNAMICS	D	3
19NT5A2413	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2413	R1641248	CAD/CAM -LAB	O	2
19NT5A2413	R164124B	INDUSTRIAL ROBOTICS	D	3
19NT5A2414	R1641032	CAD/CAM(COMMON TO ME & AME)	B	3
19NT5A2414	R1641033	FINITE ELEMENT METHODS(COMMON TO ME & AM	F	0
19NT5A2414	R164103B	CONDITION MONITORING(COMMON TO ME & AME)	D	3
19NT5A2414	R1641241	AUTOMOTIVE CHASIS AND SUSPENSION	C	3
19NT5A2414	R1641242	VEHICLE DYNAMICS	F	0
19NT5A2414	R1641247	AUTOMOBILE CHASIS LAB & INSTRUMENTATION	O	2
19NT5A2414	R1641248	CAD/CAM -LAB	O	2
19NT5A2414	R164124B	INDUSTRIAL ROBOTICS	D	3

****Note:1)[Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 08-04-2022]**

**** Note:****

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

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

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



Date:30.03.2022

Controller of Examinations