



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for IV B.Tech I semester (R16) Regular/Supplementary Examinations March 2021

College name: UNIVERSITY COLLEGE OF ENGINEERING NARASARAO PET:03

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-----------|---------|
| 16031A0104 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | F | 0 |
| 16031A0112 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 16031A0112 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 16031A0112 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 16031A0112 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 16031A0112 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 16031A0112 | R1641017 | GIS & CAD LAB | S | 2 |
| 16031A0112 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 16031A0112 | R164101C | AIR POLLUTION & CONTROL | C | 3 |
| 16031A0112 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 16031A0205 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 16031A0205 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 16031A0205 | R164102D | INSTRUMENTATION | C | 3 |
| 16031A0227 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | F | 0 |
| 16031A0227 | R1641022 | LINEAR IC APPLICATION | ABSENT | 0 |
| 16031A0227 | R1641023 | POWER SYSTEM OPERATION & CONTROL | ABSENT | 0 |
| 16031A0227 | R1641024 | SWITCHGEAR AND PROTECTION | ABSENT | 0 |
| 16031A0227 | R1641027 | ELECTRICAL SIMULATION LABORATORY | ABSENT | 0 |
| 16031A0227 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | ABSENT | 0 |
| 16031A0227 | R164102D | INSTRUMENTATION | ABSENT | 0 |
| 16031A0227 | R164102G | SPECIAL ELECTRICAL MACHINES | ABSENT | 0 |
| 16031A0252 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 16031A0252 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 16031A0252 | R1641023 | POWER SYSTEM OPERATION & CONTROL | ABSENT | 0 |
| 16031A0252 | R1641024 | SWITCHGEAR AND PROTECTION | F | 0 |
| 16031A0252 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 16031A0252 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | C | 2 |
| 16031A0252 | R164102D | INSTRUMENTATION | D | 3 |
| 16031A0252 | R164102G | SPECIAL ELECTRICAL MACHINES | F | 0 |
| 16031A0314 | R1641031 | MECHATRONICS | D | 3 |
| 16031A0314 | R1641032 | CAD/CAM(COMMON TO ME & AME) | F | 0 |
| 16031A0314 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 16031A0314 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 16031A0314 | R1641037 | CAD/CAM LAB | A | 2 |
| 16031A0314 | R1641038 | MECHATRONICS LAB | S | 2 |
| 16031A0314 | R164103C | ADDITIVE MANUFACTURING | F | 0 |
| 16031A0314 | R164103E | DESIGN FOR MANUFACTURE | D | 3 |
| 16031A0325 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 16031A0325 | R1641034 | POWER PLANT ENGINEERING | F | 0 |
| 16031A0325 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 16031A0335 | R1641031 | MECHATRONICS | A | 3 |
| 16031A0335 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 16031A0335 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 16031A0335 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 16031A0335 | R1641037 | CAD/CAM LAB | S | 2 |

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| 16031A0335 | R1641038 | MECHATRONICS LAB | S | 2 |
| 16031A0335 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 16031A0335 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 16031A0413 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | F | 0 |
| 16031A0413 | R164104D | EMBEDDED SYSTEMS | F | 0 |
| 16031A0438 | R1641041 | RADAR SYSTEMS | D | 3 |
| 16031A0438 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 16031A0438 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | D | 3 |
| 16031A0438 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 16031A0438 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 16031A0438 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 16031A0438 | R164104B | ELECTRONIC SWITCHING SYSTEMS | F | 0 |
| 16031A0438 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 17031A0101 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0101 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0101 | R1641013 | GEOTECHNICAL ENGINEERING-II | S | 3 |
| 17031A0101 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0101 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0101 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0101 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0101 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0101 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0102 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0102 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0102 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0102 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0102 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0102 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0102 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0102 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0102 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0103 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0103 | R1641012 | WATER RESOURCES ENGINEERING - II | F | 0 |
| 17031A0103 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0103 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0103 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0103 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0103 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0103 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0103 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0104 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0104 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0104 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0104 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0104 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0104 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0104 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0104 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0104 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0105 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 17031A0105 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |

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| 17031A0105 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0105 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0105 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0105 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0105 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0105 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0105 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0106 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0106 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0106 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0106 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0106 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0106 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0106 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0106 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0106 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0107 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0107 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0107 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0107 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | O | 3 |
| 17031A0107 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0107 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0107 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0107 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0107 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0108 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0108 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0108 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0108 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0108 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0108 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0108 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0108 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0108 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0109 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0109 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0109 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0109 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0109 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0109 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0109 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0109 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0109 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0110 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0110 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0110 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0110 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0110 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0110 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0110 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0110 | R164101C | AIR POLLUTION & CONTROL | A | 3 |

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| 17031A0110 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0111 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0111 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0111 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0111 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | O | 3 |
| 17031A0111 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0111 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0111 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0111 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0111 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0112 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0112 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0112 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0112 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0112 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0112 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0112 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0112 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0112 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0114 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0114 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0114 | R1641013 | GEOTECHNICAL ENGINEERING-II | S | 3 |
| 17031A0114 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0114 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0114 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0114 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0114 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0114 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0115 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0115 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0115 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0115 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0115 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0115 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0115 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0115 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0115 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0116 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0116 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0116 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0116 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | O | 3 |
| 17031A0116 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0116 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0116 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0116 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0116 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0117 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0117 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |
| 17031A0117 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0117 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0117 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |

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|------------|----------|-------------------------------------|-----------|---------|
| 17031A0117 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0117 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0117 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0117 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0118 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0118 | R1641012 | WATER RESOURCES ENGINEERING - II | F | 0 |
| 17031A0118 | R1641013 | GEOTECHNICAL ENGINEERING-II | F | 0 |
| 17031A0118 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | D | 3 |
| 17031A0118 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0118 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0118 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0118 | R164101C | AIR POLLUTION & CONTROL | C | 3 |
| 17031A0118 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0119 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0119 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0119 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0119 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0119 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0119 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0119 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0119 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0119 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0120 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0120 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0120 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0120 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | S | 3 |
| 17031A0120 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0120 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0120 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0120 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0120 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0121 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0121 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0121 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0121 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | S | 3 |
| 17031A0121 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0121 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0121 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0121 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0121 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0122 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0122 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0122 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0122 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | D | 3 |
| 17031A0122 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0122 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0122 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0122 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0122 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0123 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0123 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |

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| 17031A0123 | R1641013 | GEOTECHNICAL ENGINEERING-II | S | 3 |
| 17031A0123 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0123 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0123 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0123 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0123 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0123 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0124 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0124 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0124 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0124 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0124 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0124 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0124 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0124 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0124 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0125 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0125 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0125 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0125 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0125 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0125 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0125 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0125 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0125 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0126 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0126 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0126 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0126 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0126 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0126 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0126 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0126 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0126 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0127 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0127 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0127 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0127 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0127 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0127 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0127 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0127 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0127 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0128 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0128 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |
| 17031A0128 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0128 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0128 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0128 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0128 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0128 | R164101C | AIR POLLUTION & CONTROL | A | 3 |

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| 17031A0128 | R164101F | ADVANCED STRUCTURAL ENGINEERING | B | 3 |
| 17031A0129 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0129 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0129 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0129 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0129 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0129 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0129 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0129 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0129 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0130 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 17031A0130 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0130 | R1641013 | GEOTECHNICAL ENGINEERING-II | F | 0 |
| 17031A0130 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | D | 3 |
| 17031A0130 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0130 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0130 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0130 | R164101C | AIR POLLUTION & CONTROL | F | 0 |
| 17031A0130 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0131 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0131 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0131 | R1641013 | GEOTECHNICAL ENGINEERING-II | S | 3 |
| 17031A0131 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0131 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0131 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0131 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0131 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0131 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0132 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0132 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0132 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0132 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | S | 3 |
| 17031A0132 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0132 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0132 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0132 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0132 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0133 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0133 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0133 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0133 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0133 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0133 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0133 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0133 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0133 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0135 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 17031A0135 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0135 | R1641013 | GEOTECHNICAL ENGINEERING-II | F | 0 |
| 17031A0135 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0135 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |

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| 17031A0135 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0135 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0135 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0135 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0136 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0136 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |
| 17031A0136 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0136 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0136 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0136 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0136 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0136 | R164101C | AIR POLLUTION & CONTROL | C | 3 |
| 17031A0136 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0137 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0137 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0137 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0137 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0137 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0137 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0137 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0137 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0137 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0138 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0138 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 17031A0138 | R1641013 | GEOTECHNICAL ENGINEERING-II | S | 3 |
| 17031A0138 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0138 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0138 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0138 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0138 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0138 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0139 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 17031A0139 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0139 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0139 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0139 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0139 | R1641017 | GIS & CAD LAB | A | 2 |
| 17031A0139 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0139 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0139 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0141 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0141 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0141 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0141 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0141 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0141 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0141 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0141 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0141 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0142 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0142 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |

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| 17031A0142 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0142 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | S | 3 |
| 17031A0142 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0142 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0142 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0142 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0142 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0143 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 17031A0143 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0143 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0143 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0143 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0143 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0143 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0143 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0143 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0145 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0145 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0145 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0145 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0145 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0145 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0145 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0145 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0145 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0147 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0147 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0147 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0147 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0147 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0147 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0147 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0147 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0147 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0148 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0148 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0148 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0148 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0148 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0148 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0148 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0148 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0148 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0149 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0149 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0149 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0149 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 17031A0149 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0149 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0149 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0149 | R164101C | AIR POLLUTION & CONTROL | A | 3 |

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| 17031A0149 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0150 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0150 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0150 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0150 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0150 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0150 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0150 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0150 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0150 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0151 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0151 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0151 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0151 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0151 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0151 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0151 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0151 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0151 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0152 | R1641011 | ENVIRONMENTAL ENGINEERING-II | A | 3 |
| 17031A0152 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0152 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0152 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | O | 3 |
| 17031A0152 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0152 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0152 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0152 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 17031A0152 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0153 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0153 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |
| 17031A0153 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0153 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0153 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 17031A0153 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0153 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0153 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0153 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0154 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 17031A0154 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0154 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 17031A0154 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0154 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0154 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0154 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0154 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0154 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0155 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0155 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 17031A0155 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0155 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 17031A0155 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |

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| 17031A0155 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0155 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0155 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0155 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0156 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0156 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0156 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 17031A0156 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0156 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 17031A0156 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0156 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0156 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0156 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 17031A0157 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 17031A0157 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 17031A0157 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 17031A0157 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0157 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 17031A0157 | R1641017 | GIS & CAD LAB | S | 2 |
| 17031A0157 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0157 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 17031A0157 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 17031A0158 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 17031A0158 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 17031A0158 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 17031A0158 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 17031A0158 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 17031A0158 | R1641017 | GIS & CAD LAB | O | 2 |
| 17031A0158 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 17031A0158 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 17031A0158 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 17031A0202 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0202 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0202 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0202 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0202 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0202 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0202 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0202 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0203 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0203 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0203 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0203 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0203 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0203 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0203 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0203 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0204 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0204 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0204 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0204 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |

| Htno | Subcode | Subname | Grade | Credits |
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| 17031A0204 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0204 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0204 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0204 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0205 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0205 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0205 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0205 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0205 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0205 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0205 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0205 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0206 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0206 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0206 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0206 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0206 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0206 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0206 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0206 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0207 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0207 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0207 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0207 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0207 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0207 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0207 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0207 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0208 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0208 | R1641022 | LINEAR IC APPLICATION | S | 3 |
| 17031A0208 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0208 | R1641024 | SWITCHGEAR AND PROTECTION | A | 3 |
| 17031A0208 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0208 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0208 | R164102D | INSTRUMENTATION | O | 3 |
| 17031A0208 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0209 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0209 | R1641022 | LINEAR IC APPLICATION | F | 0 |
| 17031A0209 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0209 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0209 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0209 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0209 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0209 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0210 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0210 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0210 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0210 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0210 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0210 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0210 | R164102D | INSTRUMENTATION | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|---------------------------------------|-------|---------|
| 17031A0210 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0211 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0211 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0211 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0211 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0211 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0211 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0211 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0211 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0212 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0212 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 17031A0212 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0212 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0212 | R1641027 | ELECTRICAL SIMULATION LABORATORY | C | 2 |
| 17031A0212 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | A | 2 |
| 17031A0212 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0212 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0213 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0213 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0213 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0213 | R1641024 | SWITCHGEAR AND PROTECTION | A | 3 |
| 17031A0213 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0213 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0213 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0213 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0214 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0214 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0214 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0214 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0214 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0214 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0214 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0214 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0215 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0215 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0215 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0215 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0215 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0215 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0215 | R164102D | INSTRUMENTATION | O | 3 |
| 17031A0215 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0216 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | S | 3 |
| 17031A0216 | R1641022 | LINEAR IC APPLICATION | O | 3 |
| 17031A0216 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0216 | R1641024 | SWITCHGEAR AND PROTECTION | A | 3 |
| 17031A0216 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0216 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0216 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0216 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0217 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0217 | R1641022 | LINEAR IC APPLICATION | C | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|---------------------------------------|-------|---------|
| 17031A0217 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0217 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0217 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0217 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0217 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0217 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0218 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0218 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0218 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0218 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0218 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0218 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0218 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0218 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0219 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0219 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 17031A0219 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0219 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0219 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 17031A0219 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | A | 2 |
| 17031A0219 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0219 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0220 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0220 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 17031A0220 | R1641023 | POWER SYSTEM OPERATION & CONTROL | F | 0 |
| 17031A0220 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0220 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0220 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0220 | R164102D | INSTRUMENTATION | D | 3 |
| 17031A0220 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0221 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0221 | R1641022 | LINEAR IC APPLICATION | F | 0 |
| 17031A0221 | R1641023 | POWER SYSTEM OPERATION & CONTROL | F | 0 |
| 17031A0221 | R1641024 | SWITCHGEAR AND PROTECTION | F | 0 |
| 17031A0221 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0221 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0221 | R164102D | INSTRUMENTATION | D | 3 |
| 17031A0221 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0222 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0222 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0222 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0222 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0222 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0222 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0222 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0222 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0223 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0223 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0223 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0223 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0223 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|---------------------------------------|-------|---------|
| 17031A0223 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0223 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0223 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0224 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0224 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0224 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0224 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0224 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0224 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0224 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0224 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0225 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0225 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0225 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0225 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0225 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0225 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0225 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0225 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0226 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0226 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0226 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0226 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0226 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0226 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0226 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0226 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0227 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | F | 0 |
| 17031A0227 | R1641022 | LINEAR IC APPLICATION | F | 0 |
| 17031A0227 | R1641023 | POWER SYSTEM OPERATION & CONTROL | F | 0 |
| 17031A0227 | R1641024 | SWITCHGEAR AND PROTECTION | F | 0 |
| 17031A0227 | R1641027 | ELECTRICAL SIMULATION LABORATORY | C | 2 |
| 17031A0227 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | B | 2 |
| 17031A0227 | R164102D | INSTRUMENTATION | D | 3 |
| 17031A0227 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0228 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0228 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0228 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0228 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0228 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0228 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0228 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0228 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0229 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0229 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0229 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0229 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0229 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0229 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0229 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0229 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|---------------------------------------|-------|---------|
| 17031A0230 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0230 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0230 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0230 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0230 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0230 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0230 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0230 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0231 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0231 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0231 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0231 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0231 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0231 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0231 | R164102D | INSTRUMENTATION | O | 3 |
| 17031A0231 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0232 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0232 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0232 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0232 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0232 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0232 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0232 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0232 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0233 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0233 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0233 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0233 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0233 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0233 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0233 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0233 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0234 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0234 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0234 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0234 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0234 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0234 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0234 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0234 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0235 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0235 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0235 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0235 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0235 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 17031A0235 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0235 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0235 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0236 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0236 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0236 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|---------------------------------------|-------|---------|
| 17031A0236 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0236 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0236 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0236 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0236 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0237 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0237 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 17031A0237 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0237 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0237 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0237 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0237 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0237 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0238 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0238 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0238 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0238 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0238 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0238 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0238 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0238 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0239 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0239 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0239 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0239 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0239 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0239 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0239 | R164102D | INSTRUMENTATION | O | 3 |
| 17031A0239 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0240 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0240 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0240 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0240 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0240 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0240 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0240 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0240 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0241 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0241 | R1641022 | LINEAR IC APPLICATION | F | 0 |
| 17031A0241 | R1641023 | POWER SYSTEM OPERATION & CONTROL | D | 3 |
| 17031A0241 | R1641024 | SWITCHGEAR AND PROTECTION | F | 0 |
| 17031A0241 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 17031A0241 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0241 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0241 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0242 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0242 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0242 | R1641023 | POWER SYSTEM OPERATION & CONTROL | S | 3 |
| 17031A0242 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0242 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0242 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |

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|------------|----------|---------------------------------------|-------|---------|
| 17031A0242 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0242 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0243 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0243 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0243 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0243 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0243 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0243 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0243 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0243 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 17031A0244 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0244 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0244 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0244 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0244 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0244 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0244 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0244 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0245 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0245 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0245 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0245 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0245 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0245 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0245 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0245 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0246 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0246 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0246 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0246 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0246 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 17031A0246 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | A | 2 |
| 17031A0246 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0246 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0247 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0247 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0247 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0247 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0247 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0247 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | A | 2 |
| 17031A0247 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0247 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0248 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 17031A0248 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0248 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0248 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0248 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0248 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | A | 2 |
| 17031A0248 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0248 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0249 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |

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|------------|----------|---------------------------------------|--------|---------|
| 17031A0249 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 17031A0249 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0249 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0249 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0249 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0249 | R164102D | INSTRUMENTATION | A | 3 |
| 17031A0249 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 17031A0250 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0250 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0250 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 17031A0250 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0250 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0250 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0250 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0250 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0251 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | ABSENT | 0 |
| 17031A0251 | R1641022 | LINEAR IC APPLICATION | ABSENT | 0 |
| 17031A0251 | R1641023 | POWER SYSTEM OPERATION & CONTROL | ABSENT | 0 |
| 17031A0251 | R1641024 | SWITCHGEAR AND PROTECTION | ABSENT | 0 |
| 17031A0251 | R1641027 | ELECTRICAL SIMULATION LABORATORY | ABSENT | 0 |
| 17031A0251 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | C | 2 |
| 17031A0251 | R164102D | INSTRUMENTATION | F | 0 |
| 17031A0251 | R164102G | SPECIAL ELECTRICAL MACHINES | F | 0 |
| 17031A0252 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0252 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 17031A0252 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0252 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 17031A0252 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 17031A0252 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0252 | R164102D | INSTRUMENTATION | S | 3 |
| 17031A0252 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0253 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | D | 3 |
| 17031A0253 | R1641022 | LINEAR IC APPLICATION | F | 0 |
| 17031A0253 | R1641023 | POWER SYSTEM OPERATION & CONTROL | C | 3 |
| 17031A0253 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0253 | R1641027 | ELECTRICAL SIMULATION LABORATORY | F | 0 |
| 17031A0253 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0253 | R164102D | INSTRUMENTATION | D | 3 |
| 17031A0253 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0254 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 17031A0254 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 17031A0254 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0254 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 17031A0254 | R1641027 | ELECTRICAL SIMULATION LABORATORY | C | 2 |
| 17031A0254 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 17031A0254 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0254 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 17031A0255 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0255 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0255 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0255 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |

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|------------|----------|--|-------|---------|
| 17031A0255 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 17031A0255 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0255 | R164102D | INSTRUMENTATION | B | 3 |
| 17031A0255 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 17031A0256 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | C | 3 |
| 17031A0256 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 17031A0256 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 17031A0256 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 17031A0256 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 17031A0256 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 17031A0256 | R164102D | INSTRUMENTATION | C | 3 |
| 17031A0256 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 17031A0301 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0301 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0301 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0301 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0301 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0301 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0301 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0301 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0302 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0302 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0302 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0302 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0302 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0302 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0302 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0302 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0303 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0303 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0303 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0303 | R1641034 | POWER PLANT ENGINEERING | S | 3 |
| 17031A0303 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0303 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0303 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0303 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0304 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0304 | R1641032 | CAD/CAM(COMMON TO ME & AME) | S | 3 |
| 17031A0304 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0304 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0304 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0304 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0304 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0304 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0305 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0305 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0305 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | F | 0 |
| 17031A0305 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0305 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0305 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0305 | R164103C | ADDITIVE MANUFACTURING | C | 3 |

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|------------|----------|--|-------|---------|
| 17031A0305 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0306 | R1641031 | MECHATRONICS | S | 3 |
| 17031A0306 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0306 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0306 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0306 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0306 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0306 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0306 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0307 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0307 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0307 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0307 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0307 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0307 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0307 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0307 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0309 | R1641031 | MECHATRONICS | D | 3 |
| 17031A0309 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0309 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0309 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0309 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0309 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0309 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0309 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0310 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0310 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0310 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0310 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0310 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0310 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0310 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0310 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0312 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0312 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0312 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | A | 3 |
| 17031A0312 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0312 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0312 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0312 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0312 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0313 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0313 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0313 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0313 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0313 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0313 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0313 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0313 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0314 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0314 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |

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|------------|----------|--|-------|---------|
| 17031A0314 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0314 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0314 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0314 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0314 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0314 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0315 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0315 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0315 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0315 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0315 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0315 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0315 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0315 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0316 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0316 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0316 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0316 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0316 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0316 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0316 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0316 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0317 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0317 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0317 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | A | 3 |
| 17031A0317 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0317 | R1641037 | CAD/CAM LAB | A | 2 |
| 17031A0317 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0317 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0317 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0318 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0318 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0318 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | A | 3 |
| 17031A0318 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0318 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0318 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0318 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0318 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0319 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0319 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0319 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | F | 0 |
| 17031A0319 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0319 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0319 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0319 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0319 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0320 | R1641031 | MECHATRONICS | D | 3 |
| 17031A0320 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0320 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0320 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0320 | R1641037 | CAD/CAM LAB | O | 2 |

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|------------|----------|--|-------|---------|
| 17031A0320 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0320 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0320 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0321 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0321 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0321 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | A | 3 |
| 17031A0321 | R1641034 | POWER PLANT ENGINEERING | O | 3 |
| 17031A0321 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0321 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0321 | R164103C | ADDITIVE MANUFACTURING | A | 3 |
| 17031A0321 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0322 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0322 | R1641032 | CAD/CAM(COMMON TO ME & AME) | S | 3 |
| 17031A0322 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0322 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0322 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0322 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0322 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0322 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0323 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0323 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0323 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0323 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0323 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0323 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0323 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0323 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0324 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0324 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0324 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0324 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0324 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0324 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0324 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0324 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0325 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0325 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0325 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0325 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0325 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0325 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0325 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0325 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0326 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0326 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0326 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0326 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0326 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0326 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0326 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0326 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0327 | R1641031 | MECHATRONICS | S | 3 |
| 17031A0327 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0327 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0327 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0327 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0327 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0327 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0327 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0328 | R1641031 | MECHATRONICS | S | 3 |
| 17031A0328 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0328 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0328 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0328 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0328 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0328 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0328 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0329 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0329 | R1641032 | CAD/CAM(COMMON TO ME & AME) | F | 0 |
| 17031A0329 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0329 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0329 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0329 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0329 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0329 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0330 | R1641031 | MECHATRONICS | D | 3 |
| 17031A0330 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0330 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0330 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0330 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0330 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0330 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0330 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0331 | R1641031 | MECHATRONICS | S | 3 |
| 17031A0331 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0331 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0331 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0331 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0331 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0331 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0331 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0332 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0332 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0332 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0332 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0332 | R1641037 | CAD/CAM LAB | A | 2 |
| 17031A0332 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0332 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0332 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0333 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0333 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0333 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0333 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0333 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0333 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0333 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0333 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0334 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0334 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0334 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 17031A0334 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0334 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0334 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0334 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0334 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0335 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0335 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0335 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | F | 0 |
| 17031A0335 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0335 | R1641037 | CAD/CAM LAB | A | 2 |
| 17031A0335 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0335 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0335 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0336 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0336 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0336 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | F | 0 |
| 17031A0336 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0336 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0336 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0336 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0336 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0337 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0337 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0337 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0337 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0337 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0337 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0337 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0337 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0338 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0338 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0338 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 17031A0338 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 17031A0338 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0338 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0338 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0338 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0339 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0339 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0339 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0339 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0339 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0339 | R1641038 | MECHATRONICS LAB | S | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0339 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0339 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0341 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0341 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0341 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0341 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0341 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0341 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0341 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0341 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 17031A0342 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0342 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0342 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0342 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0342 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0342 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0342 | R164103C | ADDITIVE MANUFACTURING | F | 0 |
| 17031A0342 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0343 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0343 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0343 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 17031A0343 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0343 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0343 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0343 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0343 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0344 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0344 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0344 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0344 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 17031A0344 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0344 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0344 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0344 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0345 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0345 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0345 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0345 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0345 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0345 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0345 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0345 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0346 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0346 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0346 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0346 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0346 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0346 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0346 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0346 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0349 | R1641031 | MECHATRONICS | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0349 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0349 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 17031A0349 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0349 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0349 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0349 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0349 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0350 | R1641031 | MECHATRONICS | A | 3 |
| 17031A0350 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0350 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0350 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0350 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0350 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0350 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0350 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0351 | R1641031 | MECHATRONICS | O | 3 |
| 17031A0351 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0351 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | A | 3 |
| 17031A0351 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0351 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0351 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0351 | R164103C | ADDITIVE MANUFACTURING | A | 3 |
| 17031A0351 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0353 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0353 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 17031A0353 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0353 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0353 | R1641037 | CAD/CAM LAB | O | 2 |
| 17031A0353 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0353 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 17031A0353 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0355 | R1641031 | MECHATRONICS | B | 3 |
| 17031A0355 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 17031A0355 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 17031A0355 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 17031A0355 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0355 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0355 | R164103C | ADDITIVE MANUFACTURING | D | 3 |
| 17031A0355 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 17031A0356 | R1641031 | MECHATRONICS | S | 3 |
| 17031A0356 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 17031A0356 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 17031A0356 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 17031A0356 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0356 | R1641038 | MECHATRONICS LAB | O | 2 |
| 17031A0356 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0356 | R164103E | DESIGN FOR MANUFACTURE | B | 3 |
| 17031A0357 | R1641031 | MECHATRONICS | C | 3 |
| 17031A0357 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 17031A0357 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 17031A0357 | R1641034 | POWER PLANT ENGINEERING | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0357 | R1641037 | CAD/CAM LAB | S | 2 |
| 17031A0357 | R1641038 | MECHATRONICS LAB | S | 2 |
| 17031A0357 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 17031A0357 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 17031A0401 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0401 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0401 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0401 | R1641044 | OPTICAL COMMUNICATIONS | O | 3 |
| 17031A0401 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0401 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0401 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0401 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0402 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0402 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0402 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0402 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 17031A0402 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0402 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0402 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0402 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0404 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0404 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0404 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0404 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0404 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0404 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0404 | R164104B | ELECTRONIC SWITCHING SYSTEMS | S | 3 |
| 17031A0404 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0405 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0405 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0405 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0405 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0405 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0405 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0405 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0405 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0406 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0406 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0406 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0406 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0406 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0406 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0406 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0406 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0407 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0407 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0407 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | S | 3 |
| 17031A0407 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0407 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0407 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0407 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|--------|---------|
| 17031A0407 | R164104D | EMBEDDED SYSTEMS | A | 3 |
| 17031A0408 | R1641041 | RADAR SYSTEMS | F | 0 |
| 17031A0408 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | D | 3 |
| 17031A0408 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | D | 3 |
| 17031A0408 | R1641044 | OPTICAL COMMUNICATIONS | D | 3 |
| 17031A0408 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0408 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 17031A0408 | R164104B | ELECTRONIC SWITCHING SYSTEMS | D | 3 |
| 17031A0408 | R164104D | EMBEDDED SYSTEMS | F | 0 |
| 17031A0409 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0409 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0409 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0409 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0409 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0409 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0409 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0409 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0410 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0410 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0410 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0410 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0410 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0410 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0410 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0410 | R164104D | EMBEDDED SYSTEMS | F | 0 |
| 17031A0411 | R1641041 | RADAR SYSTEMS | C | 3 |
| 17031A0411 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0411 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0411 | R1641044 | OPTICAL COMMUNICATIONS | ABSENT | 0 |
| 17031A0411 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0411 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0411 | R164104B | ELECTRONIC SWITCHING SYSTEMS | F | 0 |
| 17031A0411 | R164104D | EMBEDDED SYSTEMS | F | 0 |
| 17031A0412 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0412 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0412 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0412 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0412 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0412 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0412 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0412 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0413 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0413 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0413 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0413 | R1641044 | OPTICAL COMMUNICATIONS | O | 3 |
| 17031A0413 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0413 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0413 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0413 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0414 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0414 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0414 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0414 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0414 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0414 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0414 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0414 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0415 | R1641041 | RADAR SYSTEMS | D | 3 |
| 17031A0415 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0415 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0415 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 17031A0415 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0415 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0415 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0415 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0416 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0416 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0416 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0416 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0416 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0416 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0416 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0416 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0417 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0417 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0417 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0417 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0417 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0417 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0417 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0417 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0418 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0418 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | D | 3 |
| 17031A0418 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0418 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0418 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0418 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0418 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0418 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0419 | R1641041 | RADAR SYSTEMS | C | 3 |
| 17031A0419 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0419 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0419 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0419 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0419 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0419 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0419 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0420 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0420 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0420 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0420 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0420 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0420 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0420 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0420 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0421 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0421 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0421 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0421 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0421 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0421 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0421 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0421 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0422 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0422 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0422 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0422 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 17031A0422 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0422 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0422 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0422 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0423 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0423 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0423 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0423 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 17031A0423 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0423 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0423 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0423 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0424 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0424 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0424 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0424 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0424 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0424 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0424 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0424 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0425 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0425 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0425 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0425 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0425 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0425 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0425 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0425 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0426 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0426 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0426 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0426 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0426 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0426 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0426 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0426 | R164104D | EMBEDDED SYSTEMS | F | 0 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0427 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0427 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0427 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0427 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0427 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0427 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0427 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0427 | R164104D | EMBEDDED SYSTEMS | A | 3 |
| 17031A0428 | R1641041 | RADAR SYSTEMS | D | 3 |
| 17031A0428 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0428 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0428 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0428 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0428 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0428 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0428 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 17031A0429 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0429 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0429 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0429 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0429 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0429 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0429 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0429 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0430 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0430 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0430 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | S | 3 |
| 17031A0430 | R1641044 | OPTICAL COMMUNICATIONS | O | 3 |
| 17031A0430 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0430 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0430 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0430 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0431 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0431 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0431 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | S | 3 |
| 17031A0431 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0431 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0431 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0431 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0431 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0432 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0432 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0432 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0432 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0432 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0432 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0432 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0432 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0433 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0433 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0433 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0433 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0433 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0433 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0433 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0433 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0434 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0434 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0434 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0434 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0434 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0434 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0434 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0434 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0435 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0435 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0435 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | S | 3 |
| 17031A0435 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0435 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0435 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0435 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0435 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0436 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0436 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0436 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0436 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0436 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0436 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0436 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0436 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0437 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0437 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | O | 3 |
| 17031A0437 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | S | 3 |
| 17031A0437 | R1641044 | OPTICAL COMMUNICATIONS | O | 3 |
| 17031A0437 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0437 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0437 | R164104B | ELECTRONIC SWITCHING SYSTEMS | S | 3 |
| 17031A0437 | R164104D | EMBEDDED SYSTEMS | A | 3 |
| 17031A0438 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0438 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0438 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0438 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0438 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0438 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0438 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0438 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0439 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0439 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | D | 3 |
| 17031A0439 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0439 | R1641044 | OPTICAL COMMUNICATIONS | D | 3 |
| 17031A0439 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0439 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0439 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0439 | R164104D | EMBEDDED SYSTEMS | F | 0 |
| 17031A0440 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0440 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0440 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0440 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0440 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0440 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0440 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0440 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0441 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0441 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | O | 3 |
| 17031A0441 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0441 | R1641044 | OPTICAL COMMUNICATIONS | O | 3 |
| 17031A0441 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0441 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0441 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0441 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0442 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0442 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0442 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0442 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0442 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0442 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0442 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0442 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0443 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0443 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0443 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0443 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0443 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0443 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0443 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0443 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0444 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0444 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | S | 3 |
| 17031A0444 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0444 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0444 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0444 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0444 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0444 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0445 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0445 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0445 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0445 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 17031A0445 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0445 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0445 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0445 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0446 | R1641041 | RADAR SYSTEMS | C | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0446 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0446 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0446 | R1641044 | OPTICAL COMMUNICATIONS | D | 3 |
| 17031A0446 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0446 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0446 | R164104B | ELECTRONIC SWITCHING SYSTEMS | D | 3 |
| 17031A0446 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 17031A0447 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0447 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | F | 0 |
| 17031A0447 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0447 | R1641044 | OPTICAL COMMUNICATIONS | D | 3 |
| 17031A0447 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0447 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0447 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0447 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 17031A0448 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0448 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0448 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0448 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0448 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0448 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 17031A0448 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0448 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0449 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0449 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0449 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0449 | R1641044 | OPTICAL COMMUNICATIONS | D | 3 |
| 17031A0449 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0449 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 17031A0449 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0449 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0450 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0450 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 17031A0450 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0450 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 17031A0450 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0450 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0450 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0450 | R164104D | EMBEDDED SYSTEMS | A | 3 |
| 17031A0451 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0451 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 17031A0451 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0451 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0451 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0451 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0451 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0451 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0452 | R1641041 | RADAR SYSTEMS | S | 3 |
| 17031A0452 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0452 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0452 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0452 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0452 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0452 | R164104B | ELECTRONIC SWITCHING SYSTEMS | A | 3 |
| 17031A0452 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 17031A0453 | R1641041 | RADAR SYSTEMS | C | 3 |
| 17031A0453 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0453 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 17031A0453 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 17031A0453 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 17031A0453 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 17031A0453 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0453 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0454 | R1641041 | RADAR SYSTEMS | A | 3 |
| 17031A0454 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 17031A0454 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 17031A0454 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0454 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0454 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 17031A0454 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 17031A0454 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 17031A0455 | R1641041 | RADAR SYSTEMS | B | 3 |
| 17031A0455 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | D | 3 |
| 17031A0455 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 17031A0455 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 17031A0455 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 17031A0455 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 17031A0455 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 17031A0455 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 17031A0501 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0501 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0501 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0501 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0501 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0501 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0501 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0501 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0502 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0502 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0502 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0502 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0502 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0502 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0502 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0502 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0503 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0503 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0503 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0503 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0503 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0503 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0503 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0503 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0504 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0504 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0504 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0504 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0504 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0504 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0504 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0504 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0505 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0505 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0505 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0505 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0505 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0505 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0505 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0505 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0506 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0506 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0506 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0506 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0506 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0506 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0506 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0506 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0507 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0507 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0507 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0507 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0507 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0507 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0507 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0507 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0508 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0508 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0508 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0508 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0508 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0508 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0508 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0508 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0509 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0509 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | O | 3 |
| 17031A0509 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0509 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0509 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0509 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0509 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0509 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0510 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | S | 3 |
| 17031A0510 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |

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|------------|----------|--|-------|---------|
| 17031A0510 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0510 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0510 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0510 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0510 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0510 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0511 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0511 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0511 | R1641053 | WEB TECHNOLOGIES | O | 3 |
| 17031A0511 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0511 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0511 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0511 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | S | 3 |
| 17031A0511 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0512 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0512 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0512 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0512 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0512 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0512 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0512 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0512 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0513 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0513 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0513 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0513 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0513 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0513 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0513 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0513 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0514 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0514 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0514 | R1641053 | WEB TECHNOLOGIES | F | 0 |
| 17031A0514 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0514 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0514 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0514 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0514 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0515 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0515 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0515 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0515 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0515 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0515 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0515 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0515 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0516 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0516 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0516 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0516 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0516 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0516 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0516 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0516 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0517 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0517 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0517 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0517 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0517 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0517 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0517 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0517 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0518 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0518 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0518 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0518 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0518 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0518 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0518 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0518 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0520 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0520 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0520 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0520 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0520 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0520 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0520 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0520 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0521 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | S | 3 |
| 17031A0521 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0521 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0521 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0521 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0521 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0521 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0521 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0522 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0522 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0522 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0522 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0522 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0522 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0522 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0522 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0523 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0523 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0523 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0523 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0523 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0523 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0523 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0523 | R164105F | SCRIPTING LANGUAGES | C | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 17031A0524 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0524 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0524 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0524 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0524 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0524 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0524 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0524 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0525 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | F | 0 |
| 17031A0525 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0525 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0525 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0525 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0525 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0525 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | D | 3 |
| 17031A0525 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0526 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0526 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | O | 3 |
| 17031A0526 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0526 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0526 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0526 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0526 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0526 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0527 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0527 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0527 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0527 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0527 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0527 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0527 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0527 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0528 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0528 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0528 | R1641053 | WEB TECHNOLOGIES | S | 3 |
| 17031A0528 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0528 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0528 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0528 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | S | 3 |
| 17031A0528 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0529 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0529 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0529 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0529 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0529 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0529 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0529 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0529 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0530 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0530 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | O | 3 |
| 17031A0530 | R1641053 | WEB TECHNOLOGIES | A | 3 |

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|------------|----------|--|-------|---------|
| 17031A0530 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0530 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0530 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0530 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | S | 3 |
| 17031A0530 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0531 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0531 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | F | 0 |
| 17031A0531 | R1641053 | WEB TECHNOLOGIES | F | 0 |
| 17031A0531 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0531 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0531 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0531 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | D | 3 |
| 17031A0531 | R164105F | SCRIPTING LANGUAGES | F | 0 |
| 17031A0532 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0532 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0532 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0532 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0532 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0532 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0532 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0532 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0534 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0534 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0534 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0534 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | A | 3 |
| 17031A0534 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0534 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0534 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0534 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0535 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0535 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0535 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0535 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0535 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0535 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0535 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0535 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0536 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 17031A0536 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0536 | R1641053 | WEB TECHNOLOGIES | F | 0 |
| 17031A0536 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | F | 0 |
| 17031A0536 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0536 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0536 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0536 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0537 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0537 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0537 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0537 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0537 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0537 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |

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|------------|----------|--|-------|---------|
| 17031A0537 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0537 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0538 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0538 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0538 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0538 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0538 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0538 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0538 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0538 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0539 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0539 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0539 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0539 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0539 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0539 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0539 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0539 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0540 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0540 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | F | 0 |
| 17031A0540 | R1641053 | WEB TECHNOLOGIES | F | 0 |
| 17031A0540 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0540 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | S | 2 |
| 17031A0540 | R1641058 | WEB TECHNOLOGIES LAB | A | 2 |
| 17031A0540 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | D | 3 |
| 17031A0540 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0541 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0541 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0541 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0541 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0541 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0541 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0541 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0541 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0542 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0542 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0542 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0542 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0542 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0542 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0542 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0542 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0543 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0543 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0543 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0543 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 17031A0543 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0543 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0543 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0543 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0544 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |

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|------------|----------|--|-------|---------|
| 17031A0544 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0544 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 17031A0544 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0544 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0544 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0544 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0544 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0546 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0546 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0546 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0546 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0546 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0546 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0546 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0546 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0547 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0547 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0547 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 17031A0547 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0547 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0547 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0547 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0547 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0548 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 17031A0548 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | O | 3 |
| 17031A0548 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0548 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0548 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0548 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0548 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0548 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0549 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 17031A0549 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0549 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0549 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 17031A0549 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0549 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0549 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0549 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0550 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0550 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 17031A0550 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0550 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0550 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0550 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0550 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0550 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17031A0551 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0551 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 17031A0551 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 17031A0551 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |

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|------------|----------|--|-----------|---------|
| 17031A0551 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0551 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 17031A0551 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 17031A0551 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 17031A0552 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0552 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 17031A0552 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0552 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0552 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0552 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0552 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 17031A0552 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 17031A0553 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 17031A0553 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 17031A0553 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 17031A0553 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 17031A0553 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 17031A0553 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 17031A0553 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 17031A0553 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 17035A0266 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | ABSENT | 0 |
| 17035A0266 | R1641022 | LINEAR IC APPLICATION | ABSENT | 0 |
| 17035A0266 | R1641023 | POWER SYSTEM OPERATION & CONTROL | ABSENT | 0 |
| 17035A0266 | R1641024 | SWITCHGEAR AND PROTECTION | ABSENT | 0 |
| 17035A0266 | R1641027 | ELECTRICAL SIMULATION LABORATORY | ABSENT | 0 |
| 17035A0266 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | ABSENT | 0 |
| 17035A0266 | R164102D | INSTRUMENTATION | ABSENT | 0 |
| 17035A0266 | R164102G | SPECIAL ELECTRICAL MACHINES | ABSENT | 0 |
| 17035A0366 | R164103E | DESIGN FOR MANUFACTURE | C | 3 |
| 17035A0564 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0101 | R1641011 | ENVIRONMENTAL EINEERING-II | C | 3 |
| 18035A0101 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 18035A0101 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 18035A0101 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 18035A0101 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 18035A0101 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0101 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0101 | R164101C | AIR POLLUTION & CONTROL | C | 3 |
| 18035A0101 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 18035A0102 | R1641011 | ENVIRONMENTAL EINEERING-II | D | 3 |
| 18035A0102 | R1641012 | WATER RESOURCES ENGINEERING - II | C | 3 |
| 18035A0102 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 18035A0102 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 18035A0102 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 18035A0102 | R1641017 | GIS & CAD LAB | O | 2 |
| 18035A0102 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0102 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 18035A0102 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 18035A0103 | R1641011 | ENVIRONMENTAL EINEERING-II | B | 3 |
| 18035A0103 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 18035A0103 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|-------------------------------------|-----------|---------|
| 18035A0103 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 18035A0103 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 18035A0103 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0103 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0103 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 18035A0103 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 18035A0104 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 18035A0104 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 18035A0104 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 18035A0104 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 18035A0104 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 18035A0104 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0104 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0104 | R164101C | AIR POLLUTION & CONTROL | S | 3 |
| 18035A0104 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 18035A0105 | R1641011 | ENVIRONMENTAL ENGINEERING-II | B | 3 |
| 18035A0105 | R1641012 | WATER RESOURCES ENGINEERING - II | S | 3 |
| 18035A0105 | R1641013 | GEOTECHNICAL ENGINEERING-II | O | 3 |
| 18035A0105 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | C | 3 |
| 18035A0105 | R1641015 | IRRIGATION DESIGN & DRAWING | O | 2 |
| 18035A0105 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0105 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0105 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 18035A0105 | R164101F | ADVANCED STRUCTURAL ENGINEERING | A | 3 |
| 18035A0106 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 18035A0106 | R1641012 | WATER RESOURCES ENGINEERING - II | A | 3 |
| 18035A0106 | R1641013 | GEOTECHNICAL ENGINEERING-II | B | 3 |
| 18035A0106 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 18035A0106 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 18035A0106 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0106 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0106 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 18035A0106 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |
| 18035A0107 | R1641011 | ENVIRONMENTAL ENGINEERING-II | C | 3 |
| 18035A0107 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 18035A0107 | R1641013 | GEOTECHNICAL ENGINEERING-II | A | 3 |
| 18035A0107 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | A | 3 |
| 18035A0107 | R1641015 | IRRIGATION DESIGN & DRAWING | A | 2 |
| 18035A0107 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0107 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0107 | R164101C | AIR POLLUTION & CONTROL | B | 3 |
| 18035A0107 | R164101F | ADVANCED STRUCTURAL ENGINEERING | D | 3 |
| 18035A0108 | R1641011 | ENVIRONMENTAL ENGINEERING-II | F | 0 |
| 18035A0108 | R1641012 | WATER RESOURCES ENGINEERING - II | B | 3 |
| 18035A0108 | R1641013 | GEOTECHNICAL ENGINEERING-II | C | 3 |
| 18035A0108 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | B | 3 |
| 18035A0108 | R1641015 | IRRIGATION DESIGN & DRAWING | S | 2 |
| 18035A0108 | R1641017 | GIS & CAD LAB | S | 2 |
| 18035A0108 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0108 | R164101C | AIR POLLUTION & CONTROL | A | 3 |
| 18035A0108 | R164101F | ADVANCED STRUCTURAL ENGINEERING | C | 3 |

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|------------|----------|---------------------------------------|-----------|---------|
| 18035A0111 | R1641011 | ENVIRONMENTAL ENGINEERING-II | D | 3 |
| 18035A0111 | R1641012 | WATER RESOURCES ENGINEERING - II | D | 3 |
| 18035A0111 | R1641013 | GEOTECHNICAL ENGINEERING-II | D | 3 |
| 18035A0111 | R1641014 | REMOTE SENSING AND GIS APPLICATIONS | D | 3 |
| 18035A0111 | R1641015 | IRRIGATION DESIGN & DRAWING | B | 2 |
| 18035A0111 | R1641017 | GIS & CAD LAB | A | 2 |
| 18035A0111 | R1641019 | IPR & PATENTS | COMPLETED | 0 |
| 18035A0111 | R164101C | AIR POLLUTION & CONTROL | D | 3 |
| 18035A0111 | R164101F | ADVANCED STRUCTURAL ENGINEERING | F | 0 |
| 18035A0201 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 18035A0201 | R1641022 | LINEAR IC APPLICATION | D | 3 |
| 18035A0201 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 18035A0201 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 18035A0201 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 18035A0201 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 18035A0201 | R164102D | INSTRUMENTATION | B | 3 |
| 18035A0201 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 18035A0202 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 18035A0202 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 18035A0202 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 18035A0202 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 18035A0202 | R1641027 | ELECTRICAL SIMULATION LABORATORY | B | 2 |
| 18035A0202 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 18035A0202 | R164102D | INSTRUMENTATION | C | 3 |
| 18035A0202 | R164102G | SPECIAL ELECTRICAL MACHINES | D | 3 |
| 18035A0203 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | B | 3 |
| 18035A0203 | R1641022 | LINEAR IC APPLICATION | B | 3 |
| 18035A0203 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 18035A0203 | R1641024 | SWITCHGEAR AND PROTECTION | D | 3 |
| 18035A0203 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 18035A0203 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 18035A0203 | R164102D | INSTRUMENTATION | S | 3 |
| 18035A0203 | R164102G | SPECIAL ELECTRICAL MACHINES | B | 3 |
| 18035A0206 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | S | 3 |
| 18035A0206 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 18035A0206 | R1641023 | POWER SYSTEM OPERATION & CONTROL | B | 3 |
| 18035A0206 | R1641024 | SWITCHGEAR AND PROTECTION | B | 3 |
| 18035A0206 | R1641027 | ELECTRICAL SIMULATION LABORATORY | S | 2 |
| 18035A0206 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 18035A0206 | R164102D | INSTRUMENTATION | S | 3 |
| 18035A0206 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 18035A0207 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 18035A0207 | R1641022 | LINEAR IC APPLICATION | C | 3 |
| 18035A0207 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 18035A0207 | R1641024 | SWITCHGEAR AND PROTECTION | A | 3 |
| 18035A0207 | R1641027 | ELECTRICAL SIMULATION LABORATORY | O | 2 |
| 18035A0207 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | S | 2 |
| 18035A0207 | R164102D | INSTRUMENTATION | S | 3 |
| 18035A0207 | R164102G | SPECIAL ELECTRICAL MACHINES | S | 3 |
| 18035A0208 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | A | 3 |
| 18035A0208 | R1641022 | LINEAR IC APPLICATION | B | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 18035A0208 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 18035A0208 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 18035A0208 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 18035A0208 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 18035A0208 | R164102D | INSTRUMENTATION | B | 3 |
| 18035A0208 | R164102G | SPECIAL ELECTRICAL MACHINES | C | 3 |
| 18035A0209 | R1641021 | UTILIZATION OF ELECTRICAL ENERGY | S | 3 |
| 18035A0209 | R1641022 | LINEAR IC APPLICATION | A | 3 |
| 18035A0209 | R1641023 | POWER SYSTEM OPERATION & CONTROL | A | 3 |
| 18035A0209 | R1641024 | SWITCHGEAR AND PROTECTION | C | 3 |
| 18035A0209 | R1641027 | ELECTRICAL SIMULATION LABORATORY | A | 2 |
| 18035A0209 | R1641028 | POWER SYSTEMS & SIMULATION LABORATORY | O | 2 |
| 18035A0209 | R164102D | INSTRUMENTATION | O | 3 |
| 18035A0209 | R164102G | SPECIAL ELECTRICAL MACHINES | A | 3 |
| 18035A0301 | R1641031 | MECHATRONICS | A | 3 |
| 18035A0301 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 18035A0301 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 18035A0301 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 18035A0301 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0301 | R1641038 | MECHATRONICS LAB | O | 2 |
| 18035A0301 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 18035A0301 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 18035A0303 | R1641031 | MECHATRONICS | S | 3 |
| 18035A0303 | R1641032 | CAD/CAM(COMMON TO ME & AME) | S | 3 |
| 18035A0303 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 18035A0303 | R1641034 | POWER PLANT ENGINEERING | O | 3 |
| 18035A0303 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0303 | R1641038 | MECHATRONICS LAB | O | 2 |
| 18035A0303 | R164103C | ADDITIVE MANUFACTURING | A | 3 |
| 18035A0303 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 18035A0304 | R1641031 | MECHATRONICS | A | 3 |
| 18035A0304 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 18035A0304 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 18035A0304 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 18035A0304 | R1641037 | CAD/CAM LAB | S | 2 |
| 18035A0304 | R1641038 | MECHATRONICS LAB | S | 2 |
| 18035A0304 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 18035A0304 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 18035A0306 | R1641031 | MECHATRONICS | A | 3 |
| 18035A0306 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 18035A0306 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 18035A0306 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 18035A0306 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0306 | R1641038 | MECHATRONICS LAB | S | 2 |
| 18035A0306 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 18035A0306 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 18035A0307 | R1641031 | MECHATRONICS | B | 3 |
| 18035A0307 | R1641032 | CAD/CAM(COMMON TO ME & AME) | C | 3 |
| 18035A0307 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | B | 3 |
| 18035A0307 | R1641034 | POWER PLANT ENGINEERING | B | 3 |
| 18035A0307 | R1641037 | CAD/CAM LAB | O | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 18035A0307 | R1641038 | MECHATRONICS LAB | O | 2 |
| 18035A0307 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 18035A0307 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 18035A0309 | R1641031 | MECHATRONICS | S | 3 |
| 18035A0309 | R1641032 | CAD/CAM(COMMON TO ME & AME) | S | 3 |
| 18035A0309 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 18035A0309 | R1641034 | POWER PLANT ENGINEERING | S | 3 |
| 18035A0309 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0309 | R1641038 | MECHATRONICS LAB | O | 2 |
| 18035A0309 | R164103C | ADDITIVE MANUFACTURING | A | 3 |
| 18035A0309 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 18035A0310 | R1641031 | MECHATRONICS | A | 3 |
| 18035A0310 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 18035A0310 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | C | 3 |
| 18035A0310 | R1641034 | POWER PLANT ENGINEERING | C | 3 |
| 18035A0310 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0310 | R1641038 | MECHATRONICS LAB | S | 2 |
| 18035A0310 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 18035A0310 | R164103E | DESIGN FOR MANUFACTURE | S | 3 |
| 18035A0311 | R1641031 | MECHATRONICS | D | 3 |
| 18035A0311 | R1641032 | CAD/CAM(COMMON TO ME & AME) | D | 3 |
| 18035A0311 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | F | 0 |
| 18035A0311 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 18035A0311 | R1641037 | CAD/CAM LAB | C | 2 |
| 18035A0311 | R1641038 | MECHATRONICS LAB | A | 2 |
| 18035A0311 | R164103C | ADDITIVE MANUFACTURING | C | 3 |
| 18035A0311 | R164103E | DESIGN FOR MANUFACTURE | A | 3 |
| 18035A0312 | R1641031 | MECHATRONICS | C | 3 |
| 18035A0312 | R1641032 | CAD/CAM(COMMON TO ME & AME) | B | 3 |
| 18035A0312 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | D | 3 |
| 18035A0312 | R1641034 | POWER PLANT ENGINEERING | D | 3 |
| 18035A0312 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0312 | R1641038 | MECHATRONICS LAB | S | 2 |
| 18035A0312 | R164103C | ADDITIVE MANUFACTURING | F | 0 |
| 18035A0312 | R164103E | DESIGN FOR MANUFACTURE | C | 3 |
| 18035A0313 | R1641031 | MECHATRONICS | A | 3 |
| 18035A0313 | R1641032 | CAD/CAM(COMMON TO ME & AME) | A | 3 |
| 18035A0313 | R1641033 | FINITE ELEMENT METHODS(COMMON TO ME & AM | S | 3 |
| 18035A0313 | R1641034 | POWER PLANT ENGINEERING | A | 3 |
| 18035A0313 | R1641037 | CAD/CAM LAB | O | 2 |
| 18035A0313 | R1641038 | MECHATRONICS LAB | O | 2 |
| 18035A0313 | R164103C | ADDITIVE MANUFACTURING | B | 3 |
| 18035A0313 | R164103E | DESIGN FOR MANUFACTURE | O | 3 |
| 18035A0401 | R1641041 | RADAR SYSTEMS | A | 3 |
| 18035A0401 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 18035A0401 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 18035A0401 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 18035A0401 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0401 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0401 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0401 | R164104D | EMBEDDED SYSTEMS | C | 3 |

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|------------|----------|--|-------|---------|
| 18035A0402 | R1641041 | RADAR SYSTEMS | C | 3 |
| 18035A0402 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 18035A0402 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 18035A0402 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 18035A0402 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 18035A0402 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0402 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 18035A0402 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 18035A0403 | R1641041 | RADAR SYSTEMS | B | 3 |
| 18035A0403 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 18035A0403 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 18035A0403 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 18035A0403 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0403 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0403 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 18035A0403 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 18035A0404 | R1641041 | RADAR SYSTEMS | B | 3 |
| 18035A0404 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | A | 3 |
| 18035A0404 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 18035A0404 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 18035A0404 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0404 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0404 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0404 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 18035A0405 | R1641041 | RADAR SYSTEMS | A | 3 |
| 18035A0405 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 18035A0405 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |
| 18035A0405 | R1641044 | OPTICAL COMMUNICATIONS | B | 3 |
| 18035A0405 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0405 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 18035A0405 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0405 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 18035A0406 | R1641041 | RADAR SYSTEMS | C | 3 |
| 18035A0406 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | C | 3 |
| 18035A0406 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 18035A0406 | R1641044 | OPTICAL COMMUNICATIONS | F | 0 |
| 18035A0406 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 18035A0406 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | A | 2 |
| 18035A0406 | R164104B | ELECTRONIC SWITCHING SYSTEMS | F | 0 |
| 18035A0406 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 18035A0407 | R1641041 | RADAR SYSTEMS | B | 3 |
| 18035A0407 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 18035A0407 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 18035A0407 | R1641044 | OPTICAL COMMUNICATIONS | S | 3 |
| 18035A0407 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 18035A0407 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0407 | R164104B | ELECTRONIC SWITCHING SYSTEMS | C | 3 |
| 18035A0407 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 18035A0408 | R1641041 | RADAR SYSTEMS | C | 3 |
| 18035A0408 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | F | 0 |
| 18035A0408 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | B | 3 |

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|------------|----------|--|-------|---------|
| 18035A0408 | R1641044 | OPTICAL COMMUNICATIONS | C | 3 |
| 18035A0408 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | S | 2 |
| 18035A0408 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 18035A0408 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0408 | R164104D | EMBEDDED SYSTEMS | C | 3 |
| 18035A0409 | R1641041 | RADAR SYSTEMS | A | 3 |
| 18035A0409 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 18035A0409 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | C | 3 |
| 18035A0409 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 18035A0409 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0409 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | O | 2 |
| 18035A0409 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0409 | R164104D | EMBEDDED SYSTEMS | D | 3 |
| 18035A0410 | R1641041 | RADAR SYSTEMS | A | 3 |
| 18035A0410 | R1641042 | DIGITAL IMAGE PROCESSING(COMMON TO ECE , | B | 3 |
| 18035A0410 | R1641043 | COMPUTER NETWORKS(COMMON TO ECE & EIE) | A | 3 |
| 18035A0410 | R1641044 | OPTICAL COMMUNICATIONS | A | 3 |
| 18035A0410 | R1641047 | MICRO WAVE ENGINEERING & OPTICAL LAB | O | 2 |
| 18035A0410 | R1641048 | DIGITAL SIGNAL PROCESSING LAB | S | 2 |
| 18035A0410 | R164104B | ELECTRONIC SWITCHING SYSTEMS | B | 3 |
| 18035A0410 | R164104D | EMBEDDED SYSTEMS | B | 3 |
| 18035A0501 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 18035A0501 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0501 | R1641053 | WEB TECHNOLOGIES | S | 3 |
| 18035A0501 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 18035A0501 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0501 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0501 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | O | 3 |
| 18035A0501 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 18035A0502 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | S | 3 |
| 18035A0502 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 18035A0502 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 18035A0502 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 18035A0502 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0502 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0502 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 18035A0502 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 18035A0503 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0503 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0503 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0503 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0503 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0503 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 18035A0503 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 18035A0503 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0504 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | F | 0 |
| 18035A0504 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0504 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 18035A0504 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 18035A0504 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0504 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 18035A0504 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0504 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 18035A0505 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 18035A0505 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 18035A0505 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 18035A0505 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 18035A0505 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0505 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0505 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0505 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0506 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 18035A0506 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | S | 3 |
| 18035A0506 | R1641053 | WEB TECHNOLOGIES | B | 3 |
| 18035A0506 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 18035A0506 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0506 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0506 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0506 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0507 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0507 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0507 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0507 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0507 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0507 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0507 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 18035A0507 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0508 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0508 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 18035A0508 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 18035A0508 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0508 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0508 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0508 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | D | 3 |
| 18035A0508 | R164105F | SCRIPTING LANGUAGES | F | 0 |
| 18035A0509 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 18035A0509 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0509 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0509 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 18035A0509 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0509 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0509 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 18035A0509 | R164105F | SCRIPTING LANGUAGES | D | 3 |
| 18035A0510 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | A | 3 |
| 18035A0510 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 18035A0510 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 18035A0510 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 18035A0510 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0510 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0510 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0510 | R164105F | SCRIPTING LANGUAGES | A | 3 |
| 18035A0511 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |

| Htno | Subcode | Subname | Grade | Credits |
|------------|----------|--|-------|---------|
| 18035A0511 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 18035A0511 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0511 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0511 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0511 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0511 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 18035A0511 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 18035A0512 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 18035A0512 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0512 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0512 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | B | 3 |
| 18035A0512 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0512 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0512 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0512 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0513 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | B | 3 |
| 18035A0513 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | C | 3 |
| 18035A0513 | R1641053 | WEB TECHNOLOGIES | A | 3 |
| 18035A0513 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 18035A0513 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0513 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0513 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 18035A0513 | R164105F | SCRIPTING LANGUAGES | B | 3 |
| 18035A0514 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0514 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0514 | R1641053 | WEB TECHNOLOGIES | D | 3 |
| 18035A0514 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | C | 3 |
| 18035A0514 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0514 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0514 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | C | 3 |
| 18035A0514 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0515 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | C | 3 |
| 18035A0515 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | A | 3 |
| 18035A0515 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0515 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0515 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0515 | R1641058 | WEB TECHNOLOGIES LAB | O | 2 |
| 18035A0515 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | A | 3 |
| 18035A0515 | R164105F | SCRIPTING LANGUAGES | C | 3 |
| 18035A0516 | R1641051 | CRYPTOGRAPHY AND NETWORK SECURITY (COMM | D | 3 |
| 18035A0516 | R1641052 | SOFTWARE ARCHITECTURE & DEISGN PATTERNS | B | 3 |
| 18035A0516 | R1641053 | WEB TECHNOLOGIES | C | 3 |
| 18035A0516 | R1641054 | MANAGERIAL ECONOMICS AND FINANCIAL ANALY | D | 3 |
| 18035A0516 | R1641057 | SOFTWARE ARCHITECURES & DESIGN PATTERNS | O | 2 |
| 18035A0516 | R1641058 | WEB TECHNOLOGIES LAB | S | 2 |
| 18035A0516 | R164105A | BIG DATA ANALYSIS(COMMON TO CSE,IT) | B | 3 |
| 18035A0516 | R164105F | SCRIPTING LANGUAGES | C | 3 |

**Note:1)[Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 21-06-2021]

** 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.

A handwritten signature in black ink, appearing to read "Robert C. Kelly". The signature is written in a cursive style with a small flourish at the end.

Date:14.06.2021

Controller of Examinations