



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

A NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

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List of Courses Including Experiential Learning 2017-18

| S N | Program Code | Total Courses that Include in experienced learning through projects/internships/Field Works in the Year 2017-18 | Course Code |
|--------|-----------------|---|----------------|
| 1 | 0 | MANAGEMENT THEORY & ORGANIZATION BEHAVIOR | MB1311 |
| 2 | 0 | MANAGERIAL ECONOMICS | MB1312 |
| 3 | 0 | ACCOUNTING FOR MANAGERS | MB1313 |
| 4 | 0 | MANAGERIAL COMMUNICATION & SOFT SKILLS | MB1314 |
| 5 | 0 | BUSINESS ENVIRONMENT | MB1315 |
| 6 | 0 | QUANTITATIVE ANALYSIS FOR BUSINESS DECISION | MB1316 |
| 7 | 0 | IT LAB | MB1317 |
| 8 | 0 | FINANCIAL MANAGEMENT | MB1321 |
| 9 | 0 | HUMAN RESOURCE MANAGEMENT | MB1322 |
| 10 | 0 | MARKETING MANAGEMENT | MB1323 |
| 11 | 0 | PRODUCTION AND OPERATIONS MANAGEMENT | MB1324 |
| 12 | 0 | BUSINESS RESEARCH METHODS | MB1325 |
| 13 | 0 | BUSINESS ETHICS AND CORPORATE GOVERNANCE | MB1326 |
| 14 | 0 | SEMINAR | MB1327 |
| 15 | 0 | MINI PROJECT | MB1328 |
| 16 | 0 | STRATEGIC MANAGEMENT | MB1330 |
| 17 | 0 | LEGAL ASPECTS OF BUSINESS | MB1331 |
| 18 | 0 | RETAIL MANAGEMENT | MB1332 |
| 19 | 0 | PRODUCT MANAGEMENT | MB1333 |
| 20 | 0 | PROMOTION AND DISTRIBUTION MANAGEMENT | MB1334 |
| 21 | 0 | INVESTMENT MANAGEMENT | MB1335 |
| 22 | 0 | BANKING AND INSURANCE | MB1336 |
| 23 | 0 | COMPENSATION AND PERFORMANCE MANAGEMENT | MB1337 |
| 24 | 0 | MANAGEMENT OF INDUSTRIAL RELATIONS | MB1338 |
| 25 | 0 | E-BUSINESS | MB1339 |
| 26 | 0 | ENTERPRISE RESOURCE PLANNING | MB133A |
| 27 | 0 | LOGISTIC AND SUPPLY CHAIN MANAGEMENT | MB1341 |
| 28 | 0 | ENTREPRENEURSHIP DEVELOPMENT | MB1342 |
| 29 | 0 | SERVICES MARKETING | MB1343 |
| 30 | 0 | INTERNATIONAL FINANCIAL MANAGEMENT | MB1344 |

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| 31 | 0 | CONSUMER BEHAVIOR | MB1347 |
| 32 | 0 | FINANCIAL RISK MANAGEMENT | MB1348 |
| 33 | 0 | GLOBAL HUMAN RESOURCE MANAGEMENT | MB1345 |
| 34 | 0 | MANAGEMENT OF CHANGE AND DEVELOPMENT | MB1349 |
| 35 | 0 | INFORMATION SYSTEMS AUDIT & CONTROL | MB1346 |
| 36 | 0 | SOFTWARE PROJECT MANAGEMENT | MB134A |
| 37 | 0 | MAJOR PROJECT & COMPREHENSIVE VIVA | MB134B |
| 38 | 1 | English-I | R161101 |
| 39 | 1 | Mathematics-I | R161102 |
| 40 | 1 | English-Communication skills Lab-I | R161114 |
| 41 | 1 | Engineering/ Applied Chemistry Laboratory | R161118 |
| 42 | 1 | C Programming Lab | R161119 |
| 43 | 1 | English-II | R161201 |
| 44 | 1 | Mathematics-II (Mathematical Methods) | R161202 |
| 45 | 1 | Mathematics - III | R161203 |
| 46 | 1 | Engineering Physics | R161204 |
| 47 | 1 | Engineering Drawing | R161206 |
| 48 | 1 | English - Communication Skills Lab - II | R161221 |
| 49 | 1 | Engineering / Applied Physics Lab | R161222 |
| 50 | 1 | Engg. Workshop & IT Workshop | R161224 |
| 51 | 1 | Elements of Mechanical Engineering | R161232 |
| 52 | 1 | PROBABILITY AND STATISTICS | R1621011 |
| 53 | 1 | BASIC ELECTRICAL & ELECTRONICS ENGINEERING | R1621012 |
| 54 | 1 | STRENGTH OF MATERIALS-I | R1621013 |
| 55 | 1 | BUILDING MATERIALS & CONSTRUCTION | R1621014 |
| 56 | 1 | SURVEYING | R1621015 |
| 57 | 1 | FLUID MECHANICS | R1621016 |
| 58 | 1 | SURVEY FIELD WORK - I | R1621017 |
| 59 | 1 | STRENGTH OF MATERIALS LAB | R1621018 |
| 60 | 1 | Building Planning & Drawing | R1622011 |
| 61 | 1 | Strength of Materials - II | R1622012 |
| 62 | 1 | Hydraulics & Hydraulic Machinery | R1622013 |
| 63 | 1 | Concrete Technology | R1622014 |
| 64 | 1 | Structural Analysis - I | R1622015 |
| 65 | 1 | Transportation Engineering - I | R1622016 |
| 66 | 1 | FM & HM Lab | R1622017 |
| 67 | 1 | Survey Field Work - II | R1622018 |
| 68 | 1 | GEOTECHNICAL ENGINEERING-I | RT31011 |
| 69 | 1 | STRUCTURAL ANALYSIS-II | RT31012 |
| 70 | 1 | DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES | RT31013 |
| 71 | 1 | ENGINEERING GEOLOGY | RT31014 |
| 72 | 1 | TRANSPORTATION ENGINEERING-I | RT31015 |
| 73 | 1 | GEOTECHNICAL ENGINEERING LAB | RT31017 |

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| 74 | 1 | ENGINEERING GEOLOGY LAB | RT31018 |
| 75 | 1 | ENVIRONMENTAL ENGINEERING I | RT32011 |
| 76 | 1 | GEOTECHNICAL ENGINEERING II | RT32012 |
| 77 | 1 | DESIGN AND DRAWING OF STEEL STRUCTURES | RT32013 |
| 78 | 1 | WATER RESOURCES ENGINEERING I | RT32014 |
| 79 | 1 | TRANSPORTATION ENGINEERING II | RT32015 |
| 80 | 1 | INDUSTRIAL WATER & WASTE WATER MANAGMENT | RT32016C |
| 81 | 1 | COMPUTER AIDED ENGINEERING DRAWING | RT32017 |
| 82 | 1 | TRANSPORTATION ENGINEERING LAB | RT32018 |
| 83 | 2 | English-I | R161101 |
| 84 | 2 | Mathematics-I | R161102 |
| 85 | 2 | Computer Programming | R161107 |
| 86 | 2 | Engineering Mechanics | R161111 |
| 87 | 2 | English-Communication skills Lab-I | R161114 |
| 88 | 2 | C Programming Lab | R161119 |
| 89 | 2 | English-II | R161201 |
| 90 | 2 | Mathematics-II (Mathematical Methods) | R161202 |
| 91 | 2 | Mathematics - III | R161203 |
| 92 | 2 | Electrical Circuit Analysis - I | R161208 |
| 93 | 2 | English - Communication Skills Lab - II | R161221 |
| 94 | 2 | Engg. Workshop & IT Workshop | R161224 |
| 95 | 2 | ELECTRICAL CIRCUIT ANALYSIS - II | R1621021 |
| 96 | 2 | ELECTRICAL MACHINES-I | R1621022 |
| 97 | 2 | BASIC ELECTRONICS AND DEVICES | R1621023 |
| 98 | 2 | ELECTRO MAGNETIC FIELDS | R1621024 |
| 99 | 2 | ELECTRICAL CIRCUITS LABORATORY | R1621028 |
| 100 | 2 | Electrical Measurements | R1622021 |
| 101 | 2 | Electrical Machines-II | R1622022 |
| 102 | 2 | Switching Theory and Logic Design | R1622023 |
| 103 | 2 | Control Systems | R1622024 |
| 104 | 2 | Power Systems-I | R1622025 |
| 105 | 2 | Electrical Machines -I Laboratory | R1622027 |
| 106 | 2 | Electronic Devices & Circuits Laboratory | R1622028 |
| 107 | 2 | ELECTRICAL MEASUREMENTS | RT31021 |
| 108 | 2 | POWER SYSTEMS-II | RT31023 |
| 109 | 2 | ELECTRICAL MACHINES-III | RT31024 |
| 110 | 2 | POWER ELECTRONICS | RT31025 |
| 111 | 2 | LINEAR & DIGITAL IC APPLICATIONS | RT31026 |
| 112 | 2 | ELECTRICAL MACHINES-II LAB | RT31027 |
| 113 | 2 | CONTROL SYSTEMS LAB | RT31028 |
| 114 | 2 | MICROPROCESSORS & MICROCONTROLLERS | RT32021 |
| 115 | 2 | SWITCHGEAR AND PROTECTION | RT32022 |
| 116 | 2 | UTILIZATION OF ELECTRICAL ENERGY | RT32023 |
| 117 | 2 | POWER SYSTEM ANALYSIS | RT32024 |

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| 118 | 2 | POWER SEMICONDUCTOR DRIVES | RT32026 |
| 119 | 2 | POWER ELECTRONICS LAB | RT32027 |
| 120 | 2 | ELECTRICAL MEASUREMENTS LAB | RT32028 |
| 121 | 4 | English-I | R161101 |
| 122 | 4 | Mathematics-I | R161102 |
| 123 | 4 | Computer Programming | R161107 |
| 124 | 4 | Mathematics-II (Numerical Methods and Complex variables) | R161110 |
| 125 | 4 | English-Communication skills Lab-I | R161114 |
| 126 | 4 | Engineering Workshop & IT Workshop | R161117 |
| 127 | 4 | English-II | R161201 |
| 128 | 4 | Mathematics - III | R161203 |
| 129 | 4 | Electrical and Mechanical Technology | R161214 |
| 130 | 4 | English - Communication Skills Lab - II | R161221 |
| 131 | 4 | Computer Programming Lab | R161228 |
| 132 | 4 | ELECTRONIC DEVICES AND CIRCUITS | R1621041 |
| 133 | 4 | SWITCHING THEORY AND LOGIC DESIGN | R1621042 |
| 134 | 4 | SIGNALS AND SYSTEMS | R1621043 |
| 135 | 4 | NETWORK ANALYSIS | R1621044 |
| 136 | 4 | ELECTRONIC DEVICES AND CIRCUITS LAB | R1621046 |
| 137 | 4 | NETWORKS & ELECTRICAL TECHNOLOGY LAB | R1621047 |
| 138 | 4 | Electronic Circuit Analysis | R1622041 |
| 139 | 4 | Control Systems | R1622042 |
| 140 | 4 | Electromagnetic Waves and Transmission Lines | R1622043 |
| 141 | 4 | Analog Communications | R1622044 |
| 142 | 4 | Pulse and Digital Circuits | R1622045 |
| 143 | 4 | Electronic Circuit Analysis Lab | R1622046 |
| 144 | 4 | Analog Communications Lab | R1622047 |
| 145 | 4 | MANAGEMENT SCIENCE | PT31042 |
| 146 | 4 | PULSE & DIGITAL CIRCUITS | RT31041 |
| 147 | 4 | LINEAR IC APPLICATIONS | RT31042 |
| 148 | 4 | CONTROL SYSTEMS | RT31043 |
| 149 | 4 | DIGITAL SYSTEM DESIGN & DICA | RT31044 |
| 150 | 4 | ANTENNAS AND WAVE PROPAGATION | RT31045 |
| 151 | 4 | IPR & PATENTS | RT31016 |
| 152 | 4 | PULSE & DIGITAL CIRCUITS LAB | RT31047 |
| 153 | 4 | LIC APPLICATIONS LAB | RT31048 |
| 154 | 4 | DIGITAL SYSTEM DESIGN & DICA LAB | RT31049 |
| 155 | 4 | DATA STRUCTURES | PT31041 |
| 156 | 4 | DIGITAL SYSTEM DESIGN & DICA LAB | PT32042 |
| 157 | 4 | MICROPROCESSORS AND MICROCONTROLLERS | RT32041 |
| 158 | 4 | DIGITAL SIGNAL PROCESSING | RT32042 |
| 159 | 4 | MICROWAVE ENGINEERING | RT32044 |
| 160 | 4 | BIO MEDICAL ENGINEERING | RT32045A |

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| 161 | 4 | MICROPROCESSORS AND MICROCONTROLLERS LAB | RT32046 |
| 162 | 4 | DIGITAL SIGNAL PROCESSING LAB | RT32048 |
| 163 | 4 | SEMINAR | RT32049 |
| 164 | 4 | MANAGEMENT SCIENCE | PT32041 |
| 165 | 4 | DIGITAL SIGNAL PROCESSING LAB | RT32048 |
| 166 | 4 | DIGITAL COMMUNICATIONS LAB | RT32047 |
| 167 | 4 | DIGITAL COMMUNICATIONS | RT32043 |
| 168 | 4 | MICROPROCESSORS AND MICROCONTROLLERS | RT32041 |
| 169 | 5 | English-I | R161101 |
| 170 | 5 | Mathematics-I | R161102 |
| 171 | 5 | Computer Programming | R161107 |
| 172 | 5 | Mathematics-II (Mathematical Methods) | R161109 |
| 173 | 5 | English-Communication skills Lab-I | R161114 |
| 174 | 5 | C Programming Lab | R161119 |
| 175 | 5 | English-II | R161201 |
| 176 | 5 | Mathematics - III | R161203 |
| 177 | 5 | Object Oriented Programming through C++ | R161215 |
| 178 | 5 | English - Communication Skills Lab - II | R161221 |
| 179 | 5 | Object Oriented Programming Lab | R161229 |
| 180 | 5 | STATISTICS WITH R PROGRAMMING | R1621051 |
| 181 | 5 | MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE | R1621052 |
| 182 | 5 | DIGITAL LOGIC DESIGN | R1621053 |
| 183 | 5 | PYTHON PROGRAMMING | R1621054 |
| 184 | 5 | DATA STRUCTURES THROUGH C++ | R1621055 |
| 185 | 5 | COMPUTER GRAPHICS | R1621056 |
| 186 | 5 | DATA STRUCTURES THROUGH C++ LAB | R1621057 |
| 187 | 5 | PYTHON PROGRAMMING LAB | R1621058 |
| 188 | 5 | Software Engineering | R1622051 |
| 189 | 5 | Java Programming | R1622052 |
| 190 | 5 | Advanced Data Structures | R1622053 |
| 191 | 5 | Computer Organization | R1622054 |
| 192 | 5 | Formal Languages and Automata Theory | R1622055 |
| 193 | 5 | Principles of Programming Languages | R1622056 |
| 194 | 5 | Advanced Data Structures Lab | R1622057 |
| 195 | 5 | Java Programming Lab | R1622058 |
| 196 | 5 | COMPUTER GRAPHICS | PT31054 |
| 197 | 5 | DATABASE MANAGEMENT SYSTEMS LAB | RT31058 |
| 198 | 5 | OBJECT ORIENTED PROGRAMMING THROUGH C++ | PT31052 |
| 199 | 5 | OBJECT ORIENTED PROGRAMMING LAB | PT31055 |
| 200 | 5 | SEMINAR | RT31059 |
| 201 | 5 | COMPILER DESIGN LAB | RT31056 |
| 202 | 5 | OPERATING SYSTEMS | RT31055 |
| 203 | 5 | DATABASE MANAGEMENT SYSTEMS | RT31054 |

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| 204 | 5 | PRINCIPLES OF PROGRAMMING LANGUAGES | RT31053 |
| 205 | 5 | DATA COMMUNICATION | RT31052 |
| 206 | 5 | COMPILER DESIGN | RT31051 |
| 207 | 5 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | RT31057 |
| 208 | 5 | ADVANCED DATA STRUCTURES | PT31051 |
| 209 | 5 | ADVANCED DATA STRUCTURES LAB | PT31053 |
| 210 | 5 | COMPUTER NETWORKS AND NETWORK PROGRAMMING LAB | RT32057 |
| 211 | 5 | SOFTWARE ENGINEERING | RT32051 |
| 212 | 5 | DATA WARE HOUSING AND MINING | RT32052 |
| 213 | 5 | COMPUTER NETWORKS | RT32053 |
| 214 | 5 | DESIGN AND ANALYSIS OF ALGORITHMS | RT32054 |
| 215 | 5 | WEB TECHNOLOGIES | RT32055 |
| 216 | 5 | SOFTWARE ENGINEERING LAB | RT32058 |
| 217 | 5 | WEB TECHNOLOGIES LAB | RT32059 |
| 218 | 42 | ELECTRICAL MACHINE MODELING & ANALYSIS | I4301 |
| 219 | 42 | ANALYSIS OF POWER ELECTRONIC CONVERTERS | I4302 |
| 220 | 42 | POWER ELECTRONIC CONTROL OF DC DRIVES | I4303 |
| 221 | 42 | FLEXIBLE AC TRANSMISSION SYSTEMS | I4304 |
| 222 | 42 | POWER QUALITY | I4305 |
| 223 | 42 | SIMULATION LAB | I4309 |
| 224 | 42 | HVDC TRANSMISSION | I5602 |
| 225 | 42 | SWITCHED MODE POWER CONVERSION | J4301 |
| 226 | 42 | POWER ELECTRONIC CONTROL OF AC DRIVES | J4302 |
| 227 | 42 | DIGITAL CONTROLLERS | J4303 |
| 228 | 42 | CUSTOM POWER DEVICES | J4304 |
| 229 | 42 | ELECTRICAL DISTRIBUTION SYSTEMS ELECTIVEIII | J4307 |
| 230 | 42 | SPECIAL MACHINES ELECTIVEIV | J4308 |
| 231 | 42 | POWER CONVERTERS & DRIVES LABORATORY | J4310 |
| 232 | 45 | CODING THEORY AND APPLICATIONS | I4501 |
| 233 | 45 | TRANSFORM TECHNIQUES | I4502 |
| 234 | 45 | ADVANCED DIGITAL SIGNAL PROCESSING | I4503 |
| 235 | 45 | DIGITAL DATA COMMUNICATIONS | I4504 |
| 236 | 45 | STATISTICAL SIGNAL PROCESSING ELECTIVE 1 | I4505 |
| 237 | 45 | SPEECH PROCESSING ELECTIVE 2 | I4507 |
| 238 | 45 | SIGNAL PROCESSING LABORATORY | I4509 |
| 239 | 45 | ADAPTIVE SIGNAL PROCESSING | J4501 |
| 240 | 45 | IMAGE AND VIDEO PROCESSING | J4502 |
| 241 | 45 | DETECTION AND ESTIMATION THEORY | J4503 |
| 242 | 45 | WIRELESS COMMUNICATIONS AND NETWORKS ELECTIVEIV | J4508 |
| 243 | 45 | ADVANCED SIGNAL PROCESSING LABORATORY | J4509 |
| 244 | 45 | EMBEDDED SYSTEM DESIGN ELECTIVEIII | J6801 |
| 245 | 45 | DSP PROCESSORS AND ARCHITECTURES | J6805 |

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| 246 | 58 | ADVANCED OPERATING SYSTEMS | I0504 |
| 247 | 58 | ADVANCED DATA STRUCTURES AND ALGORITHM ANALYSIS | I4001 |
| 248 | 58 | MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE | I5801 |
| 249 | 58 | COMPUTER ORGANIZATION AND ARCHITECTURE | I5802 |
| 250 | 58 | DATABASE MANAGEMENT SYSTEMS | I5803 |
| 251 | 58 | DATA WAREHOUSING AND DATA MINING | I0505 |
| 252 | 58 | CSE LAB 1 | I5805 |
| 253 | 58 | SOFTWARE ENGINEERING ELECTIVE I | J0502 |
| 254 | 58 | CYBER SECURITY | J2503 |
| 255 | 58 | CLOUD COMPUTING ELECTIVE II | J2510 |
| 256 | 58 | ADVANCED UNIX PROGRAMMING | J4001 |
| 257 | 58 | BIG DATA ANALYTICS | J4002 |
| 258 | 58 | COMPUTER NETWORKS | J5801 |
| 259 | 58 | CSE LAB 2 | J5803 |

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