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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – I | BATCH YEAR: 2018-21 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|-------------|---|--------------------|----------|-----------|-----------|--------------|-----|------|
| | | Theory | Tutorial | Practical | | | | |
| DGN109 | MATHEMATICS-I | 4 | 0 | 0 | 4 | N | Y | N |
| DGN105 | APPLIED SCIENCE | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE109 | FUNDAMENTAL OF DC CIRCUITS | 3 | 2 | 2 | 5 | N | Y | Y |
| DCE103 | COMPUTER APPLICATIONS | 0 | 0 | 4 | 2 | N | Y | Y |
| DEE107 | ELECTRICAL WORKSHOP | 0 | 0 | 4 | 2 | N | Y | Y |
| ESL102 | ENGLISH AS A SECOND LANGUAGE, Beginners Level 1 | 3 | 0 | 0 | 3 | N | Y | N |
| | Mentoring | 1 | 0 | 0 | 0 | N | N | N |
| | ELECTIVE: I | 0 | 0 | 1 | 1 | N | N | Y |
| NSS101 | NSS-I # | | | | | | | |
| YOG101 | YOGA -I# | | | | | | | |
| | Total | 14 | 2 | 13 | 21 | | | |
| | | Total Hours | | 29 | | | | |

Students are required to undergo 15 hours training / field visit/ workshop in relevant field during semester.

| | |
|---------|---|
| N- No | CIE – Continuous internal evaluation |
| Y – Yes | PSEE – Practical semester end examination including ITD, Dissertation, Industrial project, Industrial training etc... |

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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – II | BATCH YEAR: 2018-21 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|-------------|--|--------------------|----------|-----------|-----------|--------------|-----|------|
| | | Theory | Tutorial | Practical | | | | |
| DGN209 | MATHEMATICS-II | 4 | 0 | 0 | 4 | N | Y | N |
| DME206 | ELEMENTS OF MECHANICAL AND CIVIL ENGINEERING | 4 | 0 | 2 | 5 | N | Y | Y |
| DEE202 | FUNDAMENTAL OF AC CIRCUITS | 3 | 2 | 2 | 5 | N | Y | Y |
| DEC209 | BASIC ELECTRONICS | 3 | 0 | 2 | 4 | N | Y | Y |
| DGN111 | ENVIRONMENTAL STUDIES* | 2 | 0 | 0 | 3 | N | Y | N |
| ESL202 | ENGLISH AS A SECOND LANGUAGE- BEGINNERS LEVEL - II | 3 | 0 | 0 | 3 | N | Y | N |
| | Mentoring | 1 | 0 | 0 | 0 | N | N | N |
| | ELECTIVE: II | 0 | 0 | 1 | 1 | N | N | Y |
| NSS201 | NSS-II* | | | | | | | |
| YOG201 | YOGA-II * | | | | | | | |
| | Total | 20 | 2 | 7 | 25 | | | |
| | | Total Hours | | 29 | | | | |

Students are required to undergo 15 hours training / field visit/ workshop in relevant field during semester.

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| Y – Yes | PSEE – Practical semester end examination including ITD, Dissertation, Industrial project, Industrial training etc... |

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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – III | BATCH YEAR: 2017-20 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|--------------|---|--------------------|----------|-----------|-----------|--------------|-----|------|
| | | Theory | Tutorial | Practical | | | | |
| DEE305 | ELECTRICAL MACHINE-1 | 3 | 0 | 4 | 5 | N | Y | Y |
| DME205 | BASIC ENGINEERING DRAWING | 2 | 0 | 4 | 4 | N | Y | Y |
| DEC316 | ELECTRONICS MEASUREMENT AND MEASURING INSTRUMENTS | 3 | 0 | 2 | 4 | N | Y | Y |
| DEC206 | ELECTRONICS WORKSHOP | 0 | 0 | 2 | 1 | N | Y | Y |
| DEC315 | ADVANCE ELECTRONICS | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE410 | ELECTRICAL POWER SYSTEM-1 | 3 | 0 | 2 | 4 | N | Y | Y |
| Total | | 14 | 0 | 16 | 22 | | | |
| | | Total Hours | | 30 | | | | |

Students are required to undergo 15 hours training / field visit/ workshop in relevant field during semester.

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| N- No | CIE – Continuous internal evaluation |
| Y – Yes | PSEE – Practical semester end examination including ITD, Dissertation, Industrial project, Industrial training etc... |

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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – IV | BATCH YEAR: 2017-20 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|-------------|--|----------------|----------|-----------|-----------|--------------|-----|------|
| | | Theory | Tutorial | Practical | | | | |
| DEE408 | ELECTRICAL MACHINE-II | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE409 | COMPUTER AIDED ELECTRICAL DRAWING, DRAFTING & SIMULATION | 0 | 0 | 4 | 2 | N | Y | Y |
| DEE411 | ENERGY CONSERVATION TECHNIQUES | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE412 | UTILIZATION OF ELECTRICAL POWER | 3 | 0 | 2 | 4 | N | Y | Y |
| DEC418 | DIGITAL ELECTRONICS AND MICROCONTROLLER | 4 | 0 | 2 | 5 | N | Y | Y |
| | Mentoring | 2 | 0 | 0 | 0 | N | N | N |
| | ELECTIVE: III | 3 | 0 | 0 | 3 | N | Y | N |
| CD401 | Campus to Corporate Training | | | | | | | |
| NEN002 | Orientation Program in Entrepreneurship | | | | | | | |
| BBC308 | Creating and Managing New Ventures | | | | | | | |
| BBC208 | Essentials of Economics | | | | | | | |
| BBC108 | Basics of Business Management | | | | | | | |
| | Total | 18 | 0 | 12 | 22 | | | |
| | Total Hours | 30 | | | | | | |

Students are required to undergo 15 hours training / field visit/ workshop in relevant field during semester.

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| Y – Yes | PSEE – Practical semester end examination including ITD, Dissertation, Industrial project, Industrial training etc... |

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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – V | BATCH YEAR: 2016-19 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|-------------|--|--------------------|----------|-----------|-----------|--------------|----------|----------|
| | | Theory | Tutorial | Practical | | | | |
| DEE519 | INSTALLATION & MAINTENANCE OF ELECTRICAL EQUIPMENTS | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE520 | ELECTRICAL SWITCHGEAR & PROTECTION | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE521 | ELECTRICAL POWER SYSTEM-2 | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE516 | ELECTRICAL WIRING, ESTIMATING, COSTING & CONTRACTING | 3 | 2 | 2 | 5 | N | Y | Y |
| DEE523 | MINI PROJECT | 0 | 0 | 2 | 1 | N | Y | Y |
| | ELECTIVE: II | 3 | 0 | 2 | 4 | N | Y | Y |
| DEE517 | ELECTRICAL TRACTION AND CONTROL | | | | | | | |
| DEE522 | GREEN ENERGY TECHNOLOGIES | | | | | | | |
| DEC413 | INDUSTRIAL ELECTRONICS | | | | | | | |
| | Total | 15 | 2 | 12 | | | | |
| | | Total Hours | | | 29 | 22 | | |

Students are required to undergo 15 hours training / field visit/ workshop in relevant field during semester.

| | |
|---------|---|
| N- No | CIE – Continuous internal evaluation |
| Y – Yes | PSEE – Practical semester end examination including ITD, Dissertation, Industrial project, Industrial training etc... |



DETAIL TEACHING SCHEME

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| SCHOOL OF DIPLOMA STUDIES | PROGRAM: DIPLOMA – ELECTRICAL ENGINEERING | |
| ACADEMIC YEAR - 2018-19 | SEMESTER – VI | BATCH YEAR: 2016-19 |
| DEFINITION OF ONE CREDIT: 1. Lecture(L): 1 hour / week / semester, 2. Practical(P): 2 hour / week / semester 3. Tutorial(T): 2 hour / week / semester | | |

| Course Code | Course Name | Teaching Hours | | | Credits | Audit course | CIE | PSEE |
|-------------|---------------------|--------------------|----------|-----------|-----------|--------------|-----|------|
| | | Theory | Tutorial | Practical | | | | |
| DEE601 | Industrial Training | - | - | - | 25 | N | Y | Y |
| | Total | | | | | | | |
| | | Total Hours | | | 25 | | | |