|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course N ame** | **Credits** | **Contact Hrs/Wk.** | **Exam Hrs.** | **Weightage (in%)** |
| **L** | **T/S** | **P** | **CE** | **ESE** |
|  | **University Core** |  |  |  |  |  |  |  |
| MA203 | Advance Mathematics | 3 | 3 | 1 | 0 | 3 | 40 | 60 |
| PC201 | Proficiency in Co-Curricular Activity | 2 | 0 | 0 | 0 | 0 | 100 |  |
| EM102 | Employability Skills | 1 | 0 | 2 | 0 | 2 | 60 | 40 |
|  | **Program Core** |  |  |  |  |  |  |  |
| ME 201 | Strength of Materials | 4 | 3 | 0 | 2 | 3 | 40 | 60 |
| ME 202 | Production Technology | 5 | 3 | 0 | 3 | 3 | 40 | 60 |
| ME 203 | Engineering Metallurgy | 4 | 3 | 0 | 2 | 3 | 40 | 60 |
| ME 204 | Machine Drawing | 5 | 2 | 0 | 4 | 2 | 60 | 40 |
|  | **University Elective** |  |  |  |  |  |  |  |
| EC255 | Digital Electronics Lab | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| HS203 | Economics & Social Science | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
|  | **Program Elective** |  |  |  |  |  |  |  |
| ME 205 | Measurement And Control | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 206 | Thermal Engineering | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 207 | Applied Mechanics | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
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**GYAN VIHAR SCHOOL OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**DIPLOMA IN COMPUTER- SCIENCE (3 Year Course)**

**Year: II Edition-2015 Semester: III**

**Year: II Edition-2015 Semester: IV**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Name** | **Credits** | **Contact Hrs/Wk.** | **Exam Hrs.** | **Weightage (in%)** |
| **L** | **T/S** | **P** | **CE** | **ESE** |
|  | **University Core** |  |  |  |  |  |  |  |
| PC202 | Proficiency in Co-Curricular Activity | 2 | 0 | 0 | 0 | 0 | 100 |  |
|  EM201 | Employability Skills | 1 | 0 | 2 | 0 | 2 | 60 | 40 |
|  | **Program Core** |  |  |  |  |  |  |  |
| ME 208 | Industrial Engineering | 3 | 2 | 2 | 0 | 3 | 40 | 60 |
| ME 209 | Computer Aided Designing | 3 | 2 | 0 | 2 | 2 | 60 | 40 |
| ME 210 | Engineering Metrology & Computer Aided Inspection | 4 | 2 | 2 | 2 | 3 | 40 | 60 |
| ME 211 | Hydraulics & Hydraulics Machines | 3 | 2 | 2 | 0 | 2 | 60 | 40 |
| ME 212 | Theory of Machines | 3 | 2 | 2 | 0 | 3 | 40 | 60 |
|  | **University Elective** |  |  |  |  |  |  |  |
| HS204 | Entrepreneurship | 2 | 3 | 0 | 0 | 3 | 40 | 60 |
|  | **Program Elective** |  |  |  |  |  |  |  |
| ME 213 | Manufacturing Technology-I | 3 | 2 | 0 | 2 | 3 | 40 | 60 |
| ME 214 | Mechanical Eng. Design | 3 | 2 | 2 | 0 | 2 | 60 | 40 |
| ME 215 | Auto CAD Lab | 2 | 0 | 0 | 3 | 3 | 40 | 60 |
| ME 216 | Automobile Engg. | 3 | 2 | 0 | 2 | 3 | 40 | 60 |

**Year: III Edition-2015 Semester: V**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Name** | **Credits** | **Contact Hrs/Wk.** | **Exam Hrs.** | **Weightage (in%)** |
| **L** | **T/S** | **P** | **CE** | **ESE** |
|  | **University Core** |  |  |  |  |  |  |  |
| PT 301 | Practical Training Seminar | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| PE 302 | Project Stage-I | 2 | 0 | 0 | 2 | 2 | 60 | 40 |
| PC301 | Proficiency in Co-Curricular Activity | 2 | 0 | 0 | 0 | 0 | 100 |  |
| EM301 | Employability Skills | 1 | 0 | 2 | 0 | 2 | 60 | 40 |
|  | **Program Core** |  |  |  |  |  |  |  |
| ME 301 | Non Conventional Machining Process | 3 | 2 | 2 | 0 | 3 | 40 | 60 |
| ME 302 | Power Plant Engg. | 3 | 2 | 2 | 0 | 3 | 40 | 60 |
| ME 303 | Refrigeration & Air conditioning | 4 | 2 | 2 | 2 | 3 | 40 | 60 |
| ME 304 | Non Conventional Source of Energy | 3 | 2 | 2 | 0 | 2 | 60 | 40 |
| ME 305 | Heat And Mass Transfer | 4 | 2 | 2 | 2 | 2 | 60 | 40 |
|  | **University Elective** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **Program Elective** |  |  |  |  |  |  |  |
| ME 306 | Fluid Mechanics | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 307 | Design of Machine Elements | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| ME 308 | Mechanical Estimating & Costing | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 309 | Production Technology-II | 1 | 0 | 0 | 2 | 2 | 60 | 40 |

**Year: III Edition-2015 Semester: VI**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Name** | **Credits** | **Contact Hrs/Wk.** | **Exam Hrs.** | **Weightage (in%)** |
| **L** | **T/S** | **P** | **CE** | **ESE** |
|  | **University Core** |  |  |  |  |  |  |  |
| PT 302 | Seminar | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| PE 303 | Project Stage-II | 2 | 0 | 0 | 2 | 2 | 60 | 40 |
|  | **Program Core** |  |  |  |  |  |  |  |
| ME 310 | CNC Machines & Automation | 3 | 3 | 1 | 0 | 3 | 40 | 60 |
| ME 311 | Power Generation | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| ME 312 | Advance Workshop Technique | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 313 | Reverse Engineering | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 314 | Metal Forming Processes | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
|  | **University Elective** |  |  |  |  |  |  |  |
| HS306 | Industrial Management  | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
|  | **Program Elective** |  |  |  |  |  |  |  |
| ME 315 | Welding Technology |  3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 316 | Fire Prevention & Protection | 3 | 3 | 0 | 0 | 3 | 40 | 60 |
| ME 317 | Heat Ventilation and Air Conditioning | 1 | 0 | 0 | 2 | 2 | 60 | 40 |
| ME 318 | Operation Management | 1 | 0 | 0 | 2 | 2 | 60 | 40 |