## THEORY

| Sr. No. | SUBJECT | SUBJECT CODE | Periods per Week | Hours of Exam. | Teacher's Assessment (TA) Marks (A) | Class Test (CT) Marks (B) | End Semester Exam. (ESE) Marks (C) | Total Marks (A+B+C) | Pass Marks ESE | Pass Marks in the Subject | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Entrepreneurship and Start –ups | 2000601 | 3 | 3 | 10 | 20 | 70 | 100 | 28 | 40 | 3 |
| 2. | Public Health Engineering | 2015602 | 3 | 3 | 10 | 20 | 70 | 100 | 28 | 40 | 3 |
| 3. | Advanced Design of Structures | 2015603 | 3 | 3 | 10 | 20 | 70 | 100 | 28 | 40 | 3 |
| 4. | Program Elective -III | 2015604 | 3 | 3 | 10 | 20 | 70 | 100 | 28 | 40 | 3 |
| | Tendering and Accounts (2015604A) | | | | Disaster Management (2015604B) | | | | | | |
| 5. | Open Elective / COE | | 3 | 3 | 10 | 20 | 70 | 100 | 28 | 40 | 2 |
| | Indian Constitution (2000605A) | | | | Project Management (2015605B) | | | | | | |
| | Artificial Intelligence (**Advance**) (2000605B) | Internet of Things (**Advance**) (2000605C) | | | Drone Technology (**Advance**) (2000605D) | | | | 3D Printing & Design (**Advance**) (2000605E) | | |
| | Industrial Automation (**Advance**) (2000605F) | | | | Electric Vehicles (**Advance**) (2000605G) | | Robotics (**Advance**) (2000605H) | | | | |
| | **Total: -** | | 15 | | | | **350** | 500 | | | 14 |

## PRACTICAL

| Sr. No. | SUBJECT | SUBJECT CODE | Periods per Week | Hours of Exam. | Practical Internal (PA) | Practical External (ESE) | Total Marks | Pass Marks in the Subject | Credits |
|---|---|---|---|---|---|---|---|---|---|
| 6. | Elective Lab / COE Lab | | 4 50% Physical 50% Virtual | 3 | 20 | 30 | 50 | 20 | 2 |
| | Public Health Engineering Lab (2015608A) | | | | Artificial Intelligence (**Advance**) Lab (2000608B) | | | Internet of Things (**Advance**) Lab (2000608C) | |
| | Drone Technology (**Advance**) Lab (2000608D) | | | | 3D Printing & Design (**Advance**) Lab (2000608E) | | | Industrial Automation (**Advance**) Lab (2000608F) | |
| | Electric Vehicles (**Advance**) Lab (2000608G) | | | | Robotics (**Advance**) (2000608H) | | | | |
| | **Total: -** | | 04 | | | | 50 | | 02 |

## TERM WORK

| Sr. No. | SUBJECT | SUBJECT CODE | Periods per Week | Marks of Internal (PA) | Marks of External (ESE) | Total Marks (PA+ESE) | Pass Marks in the Subject | Credits |
|---|---|---|---|---|---|---|---|---|
| 7. | Seminar | 2015609 | 4 | 15 | 35 | 50 | **20** | 2 |
| 8. | Major Project | 2015610 | 6 | 15 | 35 | 50 | **20** | 3 |
| 9. | Term Work | | 2 | 20 | 30 | 50 | **20** | 1 |
| | Course Under Moocs /NPTEL/ Others TW (2015611) | Artificial Intelligence (Advance) TW (2000611B) | Internet of Things (Advance) TW (2000611C) | | | Drone Technology (Advance) TW (2000611D) | | |
| | 3D Printing & Design (Advance) TW (2000611E) | Industrial Automation TW (Advance) (2000611F) | Electric Vehicles (Advance) TW (2000611G) | | | Robotics (Advance) TW (2000611H) | | |
| 10. | Program Elective (TW) | 2015612 | 4 | 15 | 35 | 50 | **10** | 2 |
| | Tendering and Accounts (TW)- (2015612A) | | | Advanced Design of Structures (TW)-(2015612B) | | | | |
| | **Total: -** | | 16 | | | 200 | | 08 |
| **Total Periods per week (Each of duration One Hour) =35** | | | | | Total Marks = **750** | | | 24 |