

TRAINING OFFERING FOR 2018-2022 BATCH, B.TECH

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|-------------------|------|-------|---|---|
| ELECTRICAL | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 60 | Relay Logic & Sensorics (BOSCH) 30 hrs | PLC & HMI (SIEMENS) 30 hrs |
| | 4TH | 60 | Industrial PLC (BOSCH) 30 hrs | SCADA & DCS (SIEMENS) 30 hrs |
| | 5TH | 60 | Hydraulics & Pneumatics (BOSCH) 30 hrs | AC/DC Drives (SIEMENS) 30 hrs |
| | 6TH | 50 | Mechatronics , Robotics (BOSCH) 30 hrs | LV Switch gear (SIEMENS) 20 hrs |
| | 7TH | 190 | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|-------------------|------|-------|---|---|
| MECHANICAL | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 60 | Hydraulics & Pneumatics (BOSCH) 30 hrs | Advanced Machining & Metrology (30 Hrs) |
| | 4TH | 55 | Electro Pneumatic , Electro- Hydraulic (BOSCH) 30 hrs | Advanced Modeling (25 hrs) |
| | 5TH | 40 | <ul style="list-style-type: none"> • HVAC & R – 1 Sec-2 (40 hrs) • WELDING-1 Sec-3 (40 hrs) • TTL/WELDING-1 Sec-1 (40 hrs) | |
| | 6TH | 40 | <ul style="list-style-type: none"> • HVAC & R – 2 Sec-2 (40 hrs) • WELDING-2 Sec-3 (40 hrs) • TTL/WELDING-2 Sec-1 (40 hrs) | |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) <ul style="list-style-type: none"> • HVAC & R – 3 Sec-2 (40 hrs) • WELDING-3 Sec-3 (40 hrs) • TTL/WELDING-3 Sec-1 (40 hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|--------|------|-------|--|---|
| CIVIL | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 30 | Auto CAD (30HRS) | |
| | 4TH | 60 | REVIT (60HRS) | |
| | 5TH | 60 | STAAD PRO (60 hrs) | |
| | 6TH | 60 | RS & GIS -I (60 hrs) | |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support + Plumbing /project based software | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|----------|------|-------|---|---|
| CHEMICAL | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 50 | Basic PLC (FESTO) (25 hrs) | Relay Logic & Sensorics (BOSCH) (25 hrs) |
| | 4TH | 50 | ChemCAD Preparatory (AutoCAD) (20hrs) | Electro Pneumatic , Electro- Hydraulic (BOSCH) 30 hrs |
| | 5TH | 50 | Basic Process Automation (FESTO)(25hrs) | ChemCAD-I (25hrs) |
| | 6TH | 50 | Advanced Process Automation (FESTO)(25hrs) | ChemCAD-II (25hrs) |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|--------|------|-------|---|---|
| CSE | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 60 | CCNA | CDAC |
| | 4TH | 60 | CCNA | CDAC |
| | 5TH | 60 | CCNA ON LINE EXM | CDAC |
| | 6TH | 60 | IOT (THIRD PARTY) | CISCO CERTIFIED ON LINE EXM |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|--------|------|-------|---|---|
| CS IT | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 60 | CCNA | CDAC |
| | 4TH | 60 | CCNA | CDAC |
| | 5TH | 60 | CCNA ON LINE EXM | CDAC |
| | 6TH | 60 | IOT (THIRD PARTY) | CISCO CERTIFIED ON LINE EXM |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|--------|------|-------|---|---|
| ETC | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 50 | ROBOTICS-I (50 Hours) | |
| | 4TH | 50 | ROBOTICS- II (50 Hours) | |
| | 5TH | 50 | DIGITAL VLSI -(50 Hours) | |
| | 6TH | 50 | ANALOG VLSI (50 hrs) | |
| | 7TH | 190+ | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

| BRANCH | SEM. | Hours | COMPULSORY I | COMPULSORY II |
|--------|------|-------|---|---|
| EEE | 1ST | 60 | C Programming (30 Hrs) | OOPS (C++) (30 Hrs) |
| | 2ND | 54 | BEC (36 Hrs) | All India BEC Exam (18 Hrs) |
| | 3RD | 60 | Relay Logic & Sensorics (BOSCH) 30 hrs | PLC & HMI (SIEMENS) 30 hrs |
| | 4TH | 60 | Industrial PLC (BOSCH) 30 hrs | SCADA & DCS (SIEMENS) 30 hrs |
| | 5TH | 60 | Hydraulics & Pneumatics (BOSCH) 30 hrs | AC/DC Drives (SIEMENS) 30 hrs |
| | 6TH | 50 | Mechatronics , Robotics (BOSCH) 30 hrs | LV Switch gear (SIEMENS) 20 hrs |
| | 7TH | 190 | Pre-placement Training: Aptitude, Verbal Ability (50 Hrs) | Pre-placement Training: Online Test, Soft skill, GD, PI (140 Hrs) |
| | 8TH | 50 | Academic & Industrial project Support | |

***** Please Note:**

1. The training programs offered are subjected to be modified/updated as per academic and industry requirements time to time.
2. The certification for all the above programs are purely based on attendance and evaluation of a trainee after successful completion of the program.
