



JANSONS INSTITUTE OF TECHNOLOGY

Karnmathampatti, Coimbatore-641659

Workshop Schedule

Form No. AC32

Program/Branch(Specialization)/Semester

Batch / Section

Academic Year

Name of the Program

Name of the Faculty/ Organization providing the Training

BE / ELECTRONICS AND COMMUNICATION ENGINEERING / VI Sem

2015 - 2019

2017 – 2018

Workshop on “ Robotics & Industrial Automation”

Mr.G.Myilsamy- Resource persons from Axis Global Automation - coimbatore

| Sl. No. | Date | Time Duration | Venue | Topics/Major contents to be Covered | Activity planned (Lecture/ Practical/ Evaluation) |
|---------|----------|----------------------|--------------|---|---|
| 1 | 04.1.18. | 9:00 AM to 10:30 AM | Networks Lab | Introduction to Industrial Automation | THEORY |
| 2 | 04.1.18. | 10:45 AM to 12:10 PM | Networks Lab | Basics of Ladder Diagram, Programming on WPLSoft | PRACTICAL |
| 3 | 04.1.18. | 1:00 PM to 03:30 PM | Networks Lab | Interfacing of Field Instruments with PLC Industrial Communication Protocols | PRACTICAL |
| 4 | 05.1.18. | 9:00 AM to 10:30 AM | Networks Lab | Introduction to Industrial Robot, Online Programming & Offline Programming | PRACTICAL |
| 5 | 05.1.18. | 10:45 AM to 12:10 PM | Networks Lab | Introduction To MotosimEG, Creating A Cell & Adding A Robot | PRACTICAL |
| 6 | 05.1.18. | 1:00 PM to 03:30 PM | Networks Lab | Programming Using Pendant, Introduction To Interpolation Systems, Jogging | PRACTICAL |
| 7 | 06.1.18. | 9:00 AM to 10:30 AM | Networks Lab | Programming for 2D Objects, Programming for 3D Objects | PRACTICAL |
| 8 | 06.1.18. | 10:45 AM to 12:10 PM | Networks Lab | Conveyor Tracking, Multiple Robot Programming | PRACTICAL |
| 9 | 06.1.18. | 1:00 PM to 03:30 PM | Networks Lab | Industrial Application Problem | PRACTICAL |