# Electrical Engineering Department

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| Title of Program | **Hands on Workshop On "PLC-SCADA"** |
| Objective of Program | The objective of the Program was to enable students learn the basic concept of PLC-SCADA and to implement the same in their curriculum.<br><br>The workshop included the programming the PLC and execute it to perform various tasks which are applicable in automation and manufacturing industries. |
| Date of Program | 01-10-2018 to 3-10-2018 |
| Venue | Electrical Engg Department 4th floor |
| Organised By | Mrs.L.M.Godbole |
| Program In-Charge | Mrs.L.M.Godbole |
| Program Approved by Principal/HOD | Dr .N.G.Nikam / M rs S. P.Sonar |
| Name of Guest | Mr.Pankaj Sonawane |
| Supporting Staff Member | All Electrical Engineering Staff |
| Vote of Thanks Presented By | Mr A.D.Pandey |
| Photograph/Video Available | Yes |
| Nature of Photo Submission (Soft/Hard) & To whom | Soft Copy<br>Mrs.L.M.Godbole |
| Brief about the Program (Activity/Event) | A programmable logic controller (PLC) or programmable controller is an industrial digital computer which has been ruggedized and adapted for the control of manufacturing processes, such as assembly lines, or robotic devices, or any activity that requires high reliability control and ease of programming and process fault diagnosis. Supervisory control and data acquisition (SCADA) is a control system architecture that uses computers, networked data communications and graphical user interfaces for high-level process supervisory management, but uses other peripheral devices such as programmable logic controller (PLC) and discrete PID controllers to interface with the process plant or machinery. The operator interfaces that enable monitoring and the issuing of process commands, such as controller set point changes, are handled through the SCADA computer system. However, the real-time control logic or controller calculations are performed by networked modules that connect to the field sensors and actuators. |
| Name and Sign of Program Incharge | Mrs.L.M.Godbole |
| Signature of HOD | |