



ATMOS 2016

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Jawahar Nagar, Shameerpet Mandal
Hyderabad, Telangana



PLC & SCAADA –Industrial Automation

Automation, or simply put the delegation of human control function to technical equipment is on the research agenda of every engineer looking to change the world. By combining the knowledge of how control systems such as computers, PLCs, Microcontrollers work with creativity, one can upgrade and optimize industrial machinery and processes to reduce (or even eliminate!) the need for human sensory inputs and mental requirements, allowing for the production sector to reach new heights every day!

Industrial Automation i.e. to "Automate Industry" is in heavy demand by almost every type of manufacturing and production unit today. Food/ Beverage, Metal, Mining, Power, Textile, Petrochemical, Machine Manufacturing, Automobile etc. are some of the many examples where we see automation as an integral part already!

So we, **BITS Pilani Hyderabad Campus** is proud to host a national-level workshop on "Industrial Automation - PLC & SCADA" in association with **Innovians Technologies** as part of our technical festival, ATMOS.

The train to the future is here. Will you be smart enough to climb in?



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Objective of the Workshop

The Main Objective will be to acquaint the participants with a conceptual understanding as well as a practical angle on the scenario of the technology involved in Industrial Automation, as well as future developments in this field.

Emphasis will be on one of the most used guiding forces behind an Automated Industrial Plant, a Programmable Logic Controller generally known as a **PLC**. PLCs, along with certain other necessary components like Sensors, Motors, Actuators, Valves, Conveyors, Boilers, **SCADA** Systems, Computers & many more, are what make a simple plant into a powerful, automated manufacturing unit.

Eligibility Criteria

The knowledge imparted in this workshop will be invaluable for aspiring Chemical, Electrical, Electronics and Instrumentation, and Mechatronics branch students. However, interested and technologically motivated students can also apply and be a part.

Registration

- **Entry fee of 1100/- only.**

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