

AICTE-SPICES sponsored
Workshop and Training Programme on
PLC and Its Applications

Date of the event: - 23/03/2022-24/03/2022

Venue of the event: - CAD Lab – II, Department of Mech. Engg.

Level of the event: - College level

Notice of the event: -



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur**

Notice

15.03.2022

It is informed that Robotics Club, SKIT is going to organize a training as detailed below:

Title: Workshop and Training Programme on PLC and Its Application

Sponsored by: AICTE-SPICES

Date: 23/03/2022-24/03/2022

Reporting time: 12:45 pm

Venue: CAD Lab – II, Department of Mech. Engg.

Topics to be covered:

- Introduction to PLC
- Its applications in automation

Interested students are requested to join the workshop and follow the guidelines issued for COVID-19.

Brij Mohan Sharma
Robotics Club- Faculty Coordinator

Sudesh Garg
Robotics Club- Faculty Co-Coordinator

Prof. (Dr.) Dheeraj Joshi
Head, Department of ME
SKIT, M&G, Jaipur

Event brochure / banner:-



Details of speakers:- Mr. Sagar Pratap PLC Expert Technozon

Objective of the event:- To get acquainted with the automation processes using PLC. Basically PLC is an industrial computer that monitors inputs and outputs to make decisions based on based on the program stored to the PLC's memory. The use of PLC's help to reduce human decision-making efforts to gain higher efficiency. PLCs incorporate internal relays that can function as a physical relay would, and eliminate the relay footprint driving costs down.

Details(Execution):-

This two-day PLC workshop is organized by ROBOTICS CLUB. In this workshop speaker Mr. Sagar Pratap, PLC Expert, Technozon Solutions explained Idea about Basics of PLC automation as well as brief introduction about industrial automation. Students learnt basics of PLC and gained hands on experience which will be useful for them in industry. This workshop will increase employability and will create confidence among students, which will help them in future venture in industry, in this area of automation.

Date	Time	Topic	Delivered by
March 23, 2022	1.00 pm to 3.00 pm	What is a PLC? What is Input / Output module? Sinking vs. Sourcing modules What is a specialty module?	Mr. Sagar Pratap PLC Expert Technozon

March 24, 2022	1.00 pm to 3.00 pm	Ladder Programming Editing a Ladder Program Counters Timers	Mr. Sagar Pratap PLC Expert Technozon
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Feedback of the event:-

Participants get benefited after attending this training which gives the exposure to them about how PLC is used in automation i.e. water level in a reservoir, traffic controller, elevator motion etc.

Glimpses of event:-



