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**KARPAGAM ACADEMY OF HIGHER EDUCATION**  
(Deemed to be University)  
(Established Under Section 3 of UGC Act 1956)  
Coimbatore - 641 021

**Department of Electronics and Communication Systems**  
**Report on One day Workshop on "PLC and its Industrial Applications"**

The Department of Electronics and Communication Systems has conducted an One day Workshop on the topic "PLC and its Industrial Applications" on 26/09/2018 at 10.00AM. A. Sandhya of III B.Sc ECS delivered the welcome address.

Mr. J. Prabhu, Technical Manager, Atlantic Drives and Controls, Coimbatore handled the workshop for the students of III B.Sc and II M.Sc ECS. He stated automation is basically the delegation of human control function to technical equipment. PLCs are well adapted to a range of automation tasks. He explained that automation is the use of control systems such as computers, PLCs, Microcontrollers to control machinery and processes to reduce the need for human sensory and mental requirements.

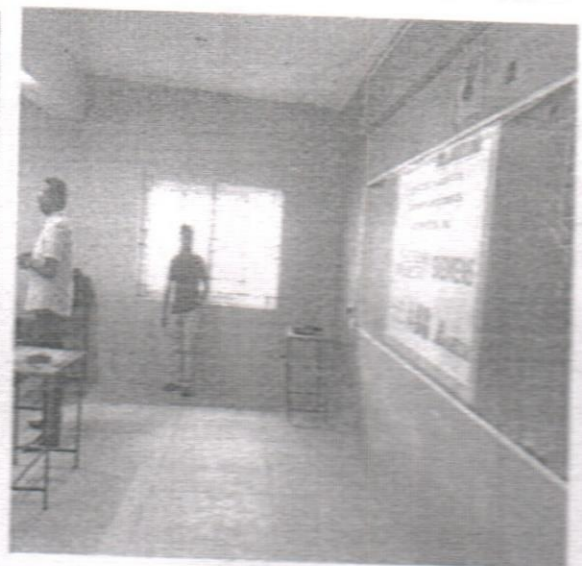
He also pointed that Industrial Automation is the basic need of almost every type of manufacturing and production unit today. Food/ Beverage, Metal, Mining, Power, Textile, Petrochemical, Machine Manufacturing, Automobile etc are the few examples where PLC's are widely used. Our students got knowledge on programming concepts of Industrial Automation, PLCs and their relevant module.

In this workshop, he explained about PLC I/O modules, burning and interfacing concepts of PLC. The session was very interactive and ended with vote of thanks by K. Sakthi Sabareesh of III B.Sc ECS. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and provide them with a platform to work on PLC automation.

We thank our honorable Chancellor, Chief Executive Officer, Vice-Chancellor, Registrar and Dean for accepting our proposal and permitting us to conduct the workshop.

  
(R. Prerna)

One day Workshop on "PLC and its Industrial Applications"



Done  
by  
(Dr. R. Prerna)