



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY  
PENNALUR, SRIPERUMBUDUR TK - 602117, TAMIL NADU



ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS  
PRESENTS



## **TROUBLESHOOTING OF INDUSTRIAL MOTOR CONTROL CIRCUITS**

**DR. ARUNACHALAM SUNDARAM,**  
DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING TECHNOLOGY,  
JUBAIL INDUSTRIAL COLLEGE, KINGDOM OF SAUDI ARABIA

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**WEBINAR**

**26<sup>TH</sup> MAY 2020**  
11.00AM - 12.30PM

### **Convener**

Dr.KR.Santha, Vice Principal,  
Professor & Head of Dept,  
Department of EEE

### **Co-ordinators**

Dr.C. Gopinath, Associate Professor  
T. Annamalai, Assistant Professor  
S.S. Sethuraman, Assistant Professor  
S. Anitha, Assistant Professor  
D.S. Purushothaman, Assistant Professor  
Department of EEE

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**SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)  
PENNALUR, SRIPERUMBUDUR-602117**



**REPORT ON TROUBLE SHOOTING OF INDUSTRIAL MOTOR CONTROL CIRCUITS BY  
Dr. ARUNACHALAM SUNDARAM, DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING TECHNOLOGY, JUBAIL INDUSTRIAL COLLEGE, KINGDOM OF SAUDI  
ARABIA.**

Date: 26.05.2020

Time: 11:00 AM to 12:30 PM (IST)

**Objectives (Maximum 50 words):**

To learn about the remote operation of Industrial motor and control by manual and automatic mode. Identify the possible fault occurrences and Trouble Shooting the fault in industrial motor control circuits by step by step approach with a checkpoint. The process of clear the fault might be in online or offline based on the fault condition.

**About the program (Min 500 words):**


This Webinar elaborates on the Trouble Shooting of Industrial Motor Control Circuits, by which it covers the various components used in industrial motor control circuits, function of each component and the necessity of every component in the Motor control circuits. Debugging the possible failure occurrences in any point of the Motor control circuits by using check point measuring. In automatic mode the debugging is done for the industrial motor and its troubleshooting methods with the help of PLC automation ladder logic diagrams. The clearance of the fault might be online or offline according to the severity and safety issues.


**Benefits (Maximum 50 words):**

Young minds grasp the knowledge about the various components, the functionality of each component used in the industrial motor control circuits. The main outcome of this webinar session is adopt a checkpoint in the circuit and debugging either in manual or in the automatic control by nature of the fault severity.

**Prepared by Faculty Name, Designation & Dept.**

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