

# **GOVERNMENT ENGINEERING COLLEGE – THRISSUR**

**SHORT TERM TRAINING PROGRAMME FOR  
POLYTECHNIC STAFF**

## **A HANDS ON TRAINING ON ROBOTICS & AUTOMATION**

**12<sup>th</sup> – 14<sup>th</sup>  
FEBRUARY  
2019**



**DIRECTORATE OF  
TECHNICAL EDUCATION**

**UNDER ACADEMIC STAFF COLLEGE (ASC)  
& IQAC SCHEME**

**CO-ORDINATED BY**

**MANOJ P J**

**ORGANIZED BY**

**DEPARTMENT OF MECHANICAL ENGINEERING**

## **GOVERNMENT**

### **ENGINEERING COLLEGE THRISSUR**

Government Engineering College, Thrissur is a centre of technical excellence and is one of the most prestigious technical educational institutions in the state of Kerala. The institution is celebrating its diamond Jubilee in the current year. The college has a lush green campus which spreads over an area of 75 acres and is located at Ramavarmapuram about 5 km from the heart of Thrissur Town and about 6 km from Thrissur Railway Station. The college is affiliated to the APJ Abdul Kalam Technological University and runs 8 undergraduate and 12 post-graduate programmes. Ph.D programme is also offered in the Institution.

## **DEPARTMENT OF MECHANICAL ENGINEERING**

The Department of Mechanical Engineering came into existence at the very inception of the college, and has been instrumental in moulding the students into eminent engineers. The department offers B. Tech programme, M. Tech programmes in Production Engineering and Internal Combustion Engine & Gas Turbines, and Ph.D programme.

### **COURSE CONTENT**

Robotics is a field of interdisciplinary engineering is considered to drive forward innovations in almost all field of engineering. Robots are also expected to become key component in industrial automation as well. This training programme is aimed to explore the state of the art concepts of Robotics and Automation. The programme is designed to train the participants for Robotics technologies in a prenatal way.

**The major topics to be covered are**

Arduino Raspberry pi.

PLC Programming.

6 axis robot programming using MTab

Programming of Robotic kits.



## **RESOURCE PERSON**

The Resource persons are from leading engineering institutions in India.

## **ELIGIBILITY**

Staff from Government Polytechnic Colleges under DTE, Kerala.

## **FEE STRUCTURE**

There will be no course fee for the participants. Participants are eligible for TA. Accommodation will be provided for eligible participants free of cost during the 3 days of programme. Those who require accommodation shall intimate the same

### **SPECIAL NOTE**

This course is essential for the staff from those institutions which are going to setup Robotics and automation labs.

**PROFORMA FOR APPLICATION  
SHORT TERM TRAINING PROGRAMME ON  
A HANDS ON TRAINING ON  
ROBOTICS & AUTOMATION  
12<sup>th</sup> - 14<sup>th</sup> FEBRUARY 2019**

1. Name :
2. Date of Birth & Age :
3. Gender : Male / Female
4. Designation :
5. Institution :
6. Address for communication :
7. Phone No. :
8. E- mail :
9. Accomodation required : Yes /No
10. Food preference : Veg/Non-veg

**DECLARATION**

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the course.

Place:

Date:

Signature of the Applicant

**SPONSORSHIP**

Mr./Ms./Mrs./Dr.....

.....  
is an employee of this institution. He/She is permitted to attend the training programme, if selected.

Place:

Date:

Signature of the Principal/  
Head of the Institution

Office Seal

## **REGISTRATION**

Applications complete in all respect including the signature and seal of sponsoring authority should be scanned and emailed to the course co-ordinator on or before 07.02.2019. Original application should be submitted by post.

## **IMPORTANT DATES**

Last date of receipt of application:  
07<sup>th</sup> February, 2019, Thursday

## **ADDRESS FOR COMMUNICATION**



GEC Thrissur Location

Prof. MANOJ P J (Co-ordinator)

Associate Professor

Mobile : 9447300234

Email: 123manojpjose@gmail.com

Dr. LALU P P. (Co-cordinator)

Mobile: 9447921327

Email: lalujesus@yahoo.co.in

DEPARTMENT OF MECHANICAL ENGINEERING  
GOVERNMENT ENGINEERING COLLEGE