

◆ About the Institute

The Government Engineering College, Thrissur is a centre of technical excellence and is one of the most prestigious technical educational institutions in Kerala. The foundation stone of the college was laid by late Pandit Jawaharlal Nehru, the first Prime Minister of India, on 26th April 1958. The college campus is spread over an area of 75 acres and is located at Ramavarnapuram which is about 5 km from the heart of Thrissur Town and about 6 km from Thrissur Railway Station. The college is offering undergraduate courses in 8 branches of engineering and postgraduate and doctoral programme in many disciplines. All the B.Tech. programmes are accredited by NBA.

◆ About the Department

The Department of Chemical Engineering set up in 1962, was the first of its kind in Kerala offering B.Tech degree in Chemical Engineering. The department is also offering a post graduate course in Process Control and is an approved Ph.D centre of APJ Abdul Kalam Technological University and University of Calicut. Both the B.Tech. and M.Tech. programmes run by the Department are accredited by NBA.



Application form and details of the workshop are also available at
www.gectcr.ac.in
Mail your queries to
pasolomon@gmail.com

Address for Correspondence

Course Coordinators:

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ADDITIONAL SKILL DEVELOPMENT PROGRAMME

MS EXCEL AND MATLAB FOR ENGINEERS

2nd to 20th December 2019

Organized by

**DEPARTMENT OF
CHEMICAL ENGINEERING
GOVERNMENT ENGINEERING COLLEGE
THRISSUR - 680 009**



Sponsored by

**Directorate of Technical Education,
Government of Kerala**

Course Coordinators

Dr. P. A. Soloman
Professor
&

Prof. A. M. Manilal,
Associate Professor

**Department of Chemical Engineering
Government Engineering College, Thrissur**

◆ Additional Skill Development Programme

ASDP is a plan scheme implemented by Directorate of Technical Education with the aim to organize various short-term skill development courses for the unemployed and financially backward youth belonging to all communities.

◆ Course Objective

MS Excel and MATLAB software is widely used for engineering calculations and data preparation and analysis. The course is intended to introduce the techniques and tools for the data analysis, calculations, solving problems using spreadsheet application MS Excel and also by MATLAB software.

◆ Course Content

EXCEL: Basics, relative- absolute and mixed cell referencing, what-if analysis, Solver, data analysis, data validation, conditional formatting, date and time functions, math functions, engineering functions, financial functions, logical functions, text functions, graphics, pivot table and pivot charts, statistical analysis, optimisation, regression, numerical analysis, circular reference, recording macros, user defined functions, data management using VBA codes
MATLAB: Basics, Matlab programming, solving equations, regression, numerical analysis, basics of Simulink, advanced features of Simulink, optimisation, fuzzy logic- neural network toolboxes, solution of ODEs

◆ Resource Persons

Faculty and Experts in the field of MS Excel and MATLAB from government organisations, public and private enterprises will handle the sessions. Majority of the sessions will be managed by faculty members from Government Engineering College, Thrissur

◆ Eligibility

Engineering graduates and diploma holders who have basic computer skills can apply.

◆ Registration Fee

Course fee: No course fee
Course materials, books and stipend of Rs 1500/- will be provided.

◆ Capacity/Intake

35 participants.

◆ Basis for selection

First come first serve basis and financial background.

◆ Arrangements

Hands on training will be provided on typical selected problems. No TA/DA will be paid by the host institution. Participants should make their own arrangements for accommodation. Light refreshment will be provided.

◆ Certificate

Minimum 90% attendance is essential for passing the course. Examinations will be conducted at the end of each week. After successful completion of the course, a competency-based certificate will be awarded indicating the performance of the candidate.

◆ How to apply?

Send your applications in the address of the coordinator provided in the brochure for communication. A scanned copy of the application may mail in

pasolomon@gmail.com

Important Dates

Last date of receipt of application:

November 27, 2019 - Wednesday

Intimation of selection by e-mail:

November 29, 2019 - Friday

Duration of the workshop

02-12-2019 to 20-12-2019

Application Format

ASDP on

MS Excel and Matlab for Engineers

02-12-2019 to 20-12-2019

1. Name :
2. Age :
3. Gender : Male/ Female
4. Qualification :
5. Institution from which the diploma/degree acquired:
6. Name of Parent/Guardian:
7. Occupation of parent/guardian:
8. Annual family income :
9. Address for communication :
10. Phone No :
11. Email :

Declaration by the Applicant

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. I also undertake the responsibility to inform the coordinator, in case I am unable to attend the course.

Place:

Date:

Signature of the applicant