

FACULTY DEVELOPMENT PROGRAM

on

**Use Of MathCAD for Engineers and Scientists
(MCES 2017)**

June 27, 2017 Tuesday

REGISTRATION FORM

Name

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Organisation / Department

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Signature



Rajiv Gandhi Salai, Karapakkam,
Chennai - 600 097 www.kcgcollege.ac.in

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**Use of MathCAD for Engineers and Scientists
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Organised by

Department of Civil Engineering

KCG COLLEGE OF TECHNOLOGY

Organising Committee

Chief Patrons

Dr. Elizabeth Verghese, Chairperson

Dr. Anand Jacob Verghese, Director & CEO

Dr. Annie Jacob, Director

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KCG COLLEGE OF TECHNOLOGY

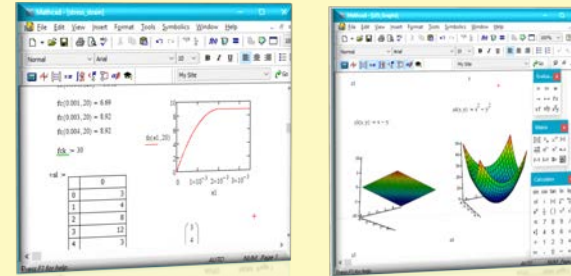
KCG College of Technology (a unit of Hindustan Group of Institutions) was founded in 1998 to fulfill the Founder-Chairman, Dr. KCG Verghese's vision of "Making Every Man a Success and No Man a Failure". The College is affiliated to Anna University, Chennai and approved by AICTE. The College has been certified as an ISO 9001 : 2008 Institution. The college is providing excellent infrastructure, and progressive outlook, in order to achieve high academic standards and performance. The college has established Centre for Excellence in Engineering to actively involve in Research and Development. The campus is spread over 50 acres at Karapakkam which is about 10 km from Adyar on the Old Mahabalipuram Road, the IT corridor of Chennai.

Department of Civil Engineering

The Civil Engineering Department was established in 2011 and yearly student intake is 120. The department has well equipped laboratory facilities, qualified and experienced faculties. The department conducts Seminar, workshop, In-Plant training, Mini project challenge, Hands-on training, Value added training program and Industrial visits to aid the students to update themselves to the latest technologies.

Objectives of the Program

With the requirements of challenging mathematical problems in engineering and science, it is evident that a good tool that can easily do things are necessary. The MathCAD is a tool that can aid the Engineers and Scientists to solve complex problems with ease and in less time.



As the tool is highly user friendly and visual, it makes the learning curve easier and the user can easily apply the tool either to the day to day calculation needs or for research formulations.

Participants : Faculties of KCG College of Technology

Topics Covered

The MathCAD software has many features and tools and following will be covered in the program

- Understanding the User Interface and formatting
- Mathematical operations
- Writing Math Worksheet
- Creating 2D and 3D graphs
- Working with Matrix and Vectors
- Solving equations
- Data Analysis
- Symbolic mathematical Evaluations
- Programming

Resource Person

N. Sampath, Asst. Professor, Civil Engineering Department