One – Day Workshop on Applications of MATLAB in Civil Engineering
September 16th, 2015
Registration Form

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Designation:
Organization:
Address for Correspondence:

Pincode:
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Payment Details:
Bank Name:
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DD No:
Date:

Date:
Signature

Organizers
Dr. K.M. Mini
Ms. Dhanya Sathyan
Mr. M. Ananthkumar

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AMRITA UNIVERSITY

Amrita University was the first to have a multi-disciplinary, multi-campus at the out-set. With campuses at Coimbatore, Amritapuri, Kochi, Bangalore and Mysore, Amrita University is emerging as one of the fastest growing institutions of higher learning in the country. Satguru Sri Mata Amritanandamayi Devi (AMMA), one of the foremost humanitarian leaders in the world today is the Chancellor of the University.

About Department

The Undergraduate programme in Civil Engineering has been offered at the Coimbatore campus of the Amrita VishwaVidyapeetham since 2008 and Postgraduate programme in “Structural and Construction Engineering” since 2014. The academic activities of the Department lay emphasis on deep understanding of fundamental concepts, analytical ability to solve problems, and enhancing the research aptitude, which are interdisciplinary in nature.

About the Workshop

This workshop is being organized with the objective of helping faculty members, researchers, professionals and students to acquire fundamental knowledge of concepts of MATLAB, which is a high-level language and interactive environment that enables you to perform computationally intensive tasks faster than with traditional programming languages such as C, C++, and FORTRAN. This workshop is intended for the broader academic community who seeks to explore the impact of MATLAB in the industry and Academics. It is designed to develop a strong working knowledge of MATLAB, and to help students write efficient, compact programs to solve civil engineering problems of varying complexity. This workshop covers basic concepts of MATLAB and its applications in various areas of Civil engineering. The objective of this workshop is to provide theoretical and practical introduction to MATLAB, MATLAB functions and make the participants confident enough to write simple MATLAB programs. The workshop is designed to be approximately 80% lab training.

The class size is limited, to maximize one-on-one interaction.

Course contents

Introduction to MATLAB, MATLAB tool box, MATLAB functions, Hands on Civil Engineering problems

Resource person

Dr. K.P. Soman, currently serves as head and Professor at Amrita Center for Computational Engineering and Networking (CEN). He has more than 200 publications in high impact factor journals and conference proceedings. He is the author of more than 5 books. He has undertaken so many projects for MHRD, ISRO, DRDO DIT etc.

Participants

The workshop aimed at the multifaceted audiences from industries, academics, researchers, PG & UG Students.

Registration

Academician, industry and Research Scholars – Rs.400/-
UG & PG Students – Rs.300/-

The fee includes course materials, working lunch and High Tea. The DD drawn in favor of “Amrita Consultancy” payable at Kollam along with registration form should reach the organizing secretary on or before 12th September 2015.