

WORKSHOP ON
APPLICATIONS OF MATLAB IN ENGINEERING SCIENCES
2nd to 5th August 2011
REGISTRATION FORM

1. Name:
2. Designation:
3. Department:
4. Organization:
5. Address:
.....
.....
6. Phone/Mobile:
7. Fax:
8. E-mail:
9. Details of Demand Draft:.....
 - Bank Name:
 - DD No. with Date:

(Note: DD must be drawn in favor of Principal "SBMJCE" payable at Harohalli)

Signature of the applicant

SPONSORSHIP

Dr/Mr/Mrs.....is sponsored to participate in four day workshop on "Applications of MATLAB in Engineering Sciences".

Date:

Place:

Signature

Head of the institution with seal

CHIEF PATRON

Dr. R. Chenraj Jain
Chairman, Jain Group of Institutions

PATRON

Dr. N. Sundararajan
Vice Chancellor, Jain University

ORGANIZING COMMITTEE

Dr. Y. Vijayakumar
Dean, SET, Bangalore
Dr. H. R. Keshavan
Professor, Dept. of Basic Sciences
Dr. S. Naveen
Asst. Professor, Dept. of Basic Sciences
Dr. S. B. Benaka Prasad
Asst. Professor, Dept. of Basic Sciences

CONVENER

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Email: juames2011@gmail.com

PROGRAM COORDINATORS

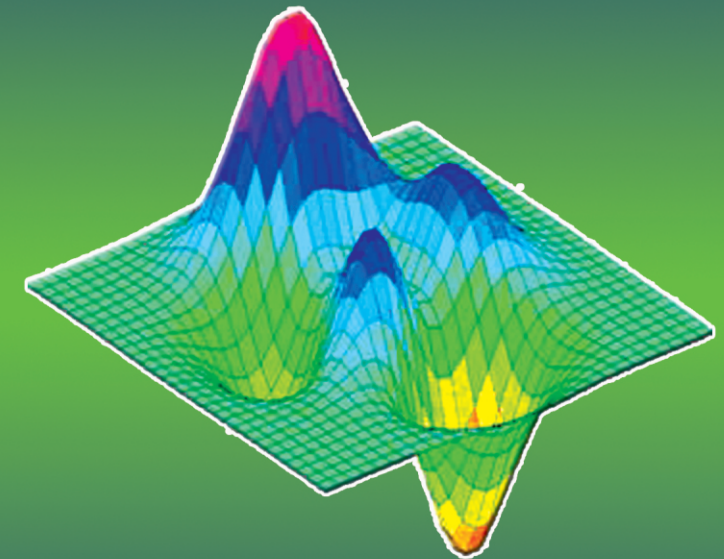
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NOTE: Photocopies of registration form can be used for multiple registrations. Registration by email is permitted.



FOUR DAY NATIONAL WORKSHOP
ON
APPLICATIONS OF MATLAB IN ENGINEERING
SCIENCES

2nd to 5th AUGUST 2011



ORGANIZED BY:

DEPARTMENT OF BASIC SCIENCES
SCHOOL OF ENGINEERING AND TECHNOLOGY

Jain University, Jain Global Campus
Jakkasandra Post, Kanakapura Taluk - 562 112
URL: www.jainuniversity.ac.in

ABOUT THE JAIN UNIVERSITY

The Jain Group of Institutions (JGI), Bangalore was born out of the efforts of the philanthropic society in 1990 with a mission to brighten India's future through a wide network of educational institutions ranging from Primary schools to professional business schools. In fact its reach is vast spreading across every nook of education be it through charitable institutions or general schools. Under the able guidance of Dr. Chenraj Jain, JGI Bangalore has 61 vibrant educational institutes under its umbrella, each boasting of a state-of-the-art architecture with all modern amenities. Working with a vibrant vision of "Nation building through education and entrepreneurship development," the institution offers arts, science, commerce and technical education in various disciplines. The University also offers Post Graduate programmes in various disciplines which also include Computer Applications and Management studies.

School of Engineering and technology (SET), Bangalore is one of the constituent colleges of Jain University and is recognized by AICTE, New Delhi. The college offers innovative programmes in various disciplines including UG, PG and Research programmes in the engineering discipline. Furthering creativity and pursuit for quality, SET ushers a new philosophy by bringing in the same platform of diverse components of engineering and technical excellence with the emphasis of entrepreneurship and nation building. Some of the undergraduate programmes offered at SET include BE in Aerospace, Civil, Computer Science, Electronics & Communication, Electrical & Electronics, Information Science, Mechanical and Metallurgy & Material sciences.

ABOUT THE DEPARTMENT

The Department of Basic Sciences headed by Dr. Radha Gupta comprises of Faculties from Mathematics, Physics and chemistry. Since its inception in 2005, the department has been engaged in imparting the highest level of quality academic education and has focused upon addressing key scientific problems. This department

has faculty expertise in frontier level of research: the main areas of research being Operations Research, Statistical analysis, Thermo elasticity, Fluid Mechanics, X-ray Crystallography, Condensed matter physics, Bio-organic and Medicinal chemistry and Analytical chemistry.

Our mission is to generate human resource of unmatched quality and to be an outstanding university department at the cutting edge of science and technology that produces world-class research, knowledge base and academic leadership for overall development of the society. We provide broad based under-graduate and post-graduate programs with the aim of producing Engineers and Scientists with high professional competence, in carrying out research of both basic and applied nature.

The academic atmosphere at SET is a rare blend of modern day technical skills and the traditional emphasis on imparting knowledge. The faculty as well as the students who have qualified from the department has always done the country proud through outstanding achievements and leadership qualities.

ABOUT THE WORKSHOP

The workshop aims to mould and prepare equipped individuals with a very strong and sound fundamental principles and logical tools of MATLAB to face the challenges of the next generation multidisciplinary environment and to train them to play the role of fulfilling the needs of science and technology, industry, institutions research and academics.

MATLAB® stands for MATrix-LABoratory and is one of the most used tools in the field of engineering today. It is a high-performance interacting data-intensive software environment for high-efficiency engineering and scientific numerical calculations.

This virtual lab is about mathematics, algebra, geometry, graphics, science, and programming. It is based on a high-level matrix / array language with control flow statements, functions, data structures, input / output, and object-oriented programming features.

Due to high flexibility and versatility, the MATLAB environment has been significantly enhanced and developed during recent years. This provides users with advanced cutting-edge algorithms, enormous data-handling abilities, and powerful programming tools. The goal of MATLAB is to enable the users to solve a wide spectrum of analytical and numerical problems using matrix based methods, attain excellent interfacing and interactive capabilities, compile with high-level programming languages, ensure robustness in data intensive analysis and heterogeneous simulations, provide easy access to and straightforward implementation of state-of-the-art numerical algorithms, guarantee powerful graphical features, etc.

WHO CAN ATTEND?

- Scientists/Research Scholars
- Academicians, Students and Engineers
- Practitioners

RESOURCE PERSONS

The resource persons include academicians from IISc, JNCASR, TIFR, scientists and researchers who have made a mark in the field of MATLAB applications and training.

REGISTRATION FEE

Rs. 750/- per participant (includes lecture material)

VENUE

School of Engineering and Technology
Jakkasandra Post, Kanakapura Taluk -562112
Phone: (080) 27577200 Ext. 107
Fax: (080) 27577199

LAST DATE FOR REGISTRATION 25th July 2011

Weather Conditions: The temperature in the month of August will be around 30-35 degree Celsius and normally rainy season.

ACCOMMODATION

Accommodation will be provided on prior request on a first come first serve basis at nominal charges.



JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

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