

Registration Details

Registration fee includes workshop kit, working lunch and tea

Delegates from Industry : Rs. 750/-

Academicians : Rs. 500/-

Research Scholars / M.Phil. Students : Rs. 350/-

Those who are interested in attending the workshop are requested to fill in the online Registration form following the link on or before 31 August 2019:

<https://forms.gle/pvE6eq46fJPVRAn8>

Registration fee will be accepted by Demand Draft payable at Chennai, drawn in favour of "The Principal, Stella Maris College" should be sent by post to "The Head, Department of Mathematics, Stella Maris College, 17 Cathedral Road, Chennai - 600 086" or by NEFT to Stella Maris College:

IFSC Code :IOBA0001688 ; a/c no. :168801000018155

PATRON

Dr.Sr.Rosy Joseph fmm

Principal

Stella Maris College, Chennai

ORGANIZING SECRETARY

Dr. Felbin C. Kennedy

Vice-Principal & Associate Professor

Department of Mathematics

Stella Maris College

CONVENOR

Dr. V. Jude Annie Cynthia

Head & Assistant Professor

Department of Mathematics

Stella Maris College

ORGANIZING MEMBERS

Dr. S. Mercy Soruparani

Ms. A. Josephine Lissie

Dr. Dhanalakshmi V

Dr. S. Sarah Surya

Ms. S. Sindiya Therese

Dr. S. Chinthamani

Ms. S. Nalini

Dr. Teresa Arockiamary Santiago

Dr. A. S. Shanthi

Ms. Fancy.V.F.

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INTERNATIONAL WORKSHOP ON DATA ANALYTICS AND MATLAB

SEPTEMBER 6, 2019



Organized
by
DEPARTMENT OF MATHEMATICS
STELLA MARIS COLLEGE
CHENNAI, INDIA

About the College

Stella Maris College, an autonomous college affiliated to the University of Madras is a premier educational institution dedicated to the cause of learning and higher education for women. Established in 1947, the college has been reaccredited with Grade 'A' with a CGPA of 3.68 on a 4 point scale by the National Assessment and Accreditation Council, Bangalore in 2014. In April 2016 the College was accorded the status of 'College with Potential for Excellence'.

About the Department

The Department of Mathematics which was established in 1951, offered an undergraduate programme in Mathematics exclusively for women. Over the years, the Department added to its programme offerings, introducing a postgraduate programme in 1964 (the only one in the city of Chennai offering a postgraduate programme in Mathematics exclusively for women), a **doctoral programme in 1989** and an **M.Phil. programme in 2002**.

The Department of Science and Technology, New Delhi, under the scheme 'Financial Assistance under Infrastructure Improvement for Science and Technology in Universities and Colleges of Higher Education, FIST in 2006' sponsored the establishment of a state-of-the-art Computer Lab facility and a grant for the purchase of books. The department is also DST-FIST 2015 sponsored.

The Department of Mathematics has emerged as a frontline research department of the College, with highly research active faculty who have produced maximum publications in our College.

Excellence in teaching and learning is the major focus of the Department. Students are trained in technical, technological and scientific computing skills, based on mathematical methods to meet the demands of industrial, marketing, and communication sectors. Many former students have gone on to be leaders in their specialized fields of study and have occupied positions at the highest level in both private and public sectors.

Workshop Theme

Data analytics is the science of analyzing raw data in order to make conclusions about that information. Many of the techniques and processes of data analytics have been automated into mechanical processes and algorithms that work over raw data for human consumption.

MATLAB offers a multi-domain block diagram environment for modeling dynamics, designing control algorithms, and running closed-loop simulations.

With this focus, the workshop aims to open up greater options for research and course offerings in the field of Mathematics.

RESOURCE PERSONS

Dr. Junzo Watada

Universiti Teknologi PETRONAS (UTP)
Computer & Information Sciences Department
Center for Research in Data Science, (CERDAS)
Research Professor, Research Institute of Quantitative
Economics, Zhejiang Gongshang University, China
Professor Emeritus, Waseda University, Japan

**Topic: A Fuzzy Regression approach to Human centered
Data Mining**

Dr. Shankar Narasimhan

Professor, Dept. of Chemical Engineering
IIT Madras, Chennai

Topic: Graph Theory in Data Analytics

Dr. Danny Raj M

DST-INSPIRE faculty,
Department of Chemical Engineering,
IISc Bangalore, Karnataka, India

Topic: Simulating Complex Systems with MATLAB