

## **INTERNATIONAL CONFERENCE ON APPLICABLE MATHEMATICS (ICAM-2016)**

The Department of Mathematics, Stella Maris College organizes an “ International Conference on Applicable Mathematics ” on November 30 & December 1, 2016. Eminent scholars and academicians from Germany, Ireland, Poland, South Africa and India will address the participants.

Paper / Poster presentation from faculty, research scholars, undergraduate and Postgraduate students of institutions are invited.

**All interested scholars are invited to register by November 15, 2016.**

JOURNAL SPECIAL ISSUE: Authors of accepted abstracts to be presented in the conference ICAM 2016 will be invited to submit extended versions of their papers for possible publication in special issues of reputed journals. Information on journals will be provided in due course in the college website.

## REGISTRATION

The registration fee for Faculty is Rs. 3000/-, research scholars Rs.1500/-, student participants and poster presenters Rs.1000/-. Participants are requested to register by November 15, 2016. The registration fee (non-refundable) only in the form of a Demand Draft payable at Chennai, drawn in favour of 'Principal, Stella Maris College', should be sent along with the registration form, by post to "ICAM 2016, Department of Mathematics, Stella Maris College, 17 Cathedral Road, Chennai - 600 086." The registration fee includes the conference kit, lunch and conference abstract.

## ACCOMMODATION

Participants are requested to make their own arrangements for accommodation.

## IMPORTANT DATES

Submission of extended abstract: **November 15, 2016**  
Intimation of acceptance: **November 20, 2016**

## CONVENOR

**Dr. Sr. Jasintha Quadras fmm**  
Principal & Head  
Department of Mathematics  
Stella Maris College, Chennai

## ORGANISING COMMITTEE

Dr. S. Mercy Soruparani  
Dr. Felbin C. Kennedy  
Ms. S. Nalini  
Ms. A. Josephine Lissie  
Dr. V. Jude Annie Cynthia  
Dr. Teresa Arockiamary Santiago  
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## CONTACT PERSONS

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## RESOURCE PERSONS

- **Prof. S . Sundar**  
IIT Madras, Chennai
- **Prof. Rene Pinnau**  
TU Kaiserslautern, Germany
- **Prof. Thomas Goetz**  
Uni-Koblenz-Landau, Germany
- **Prof. Joerg Kuhnert**  
Fraunhofer ITWM, Germany
- **Prof. Iliev Oleg**  
Fraunhofer ITWM, Germany
- **Prof. Mapundi Banda**  
University of Pretoria, South Africa
- **Prof. Britta E. Buhlmann**  
Director, Pfalzgarie, Kaiserslautern, Germany
- **Ms. Katrin Kuhnert**  
International Office, TU Kaiserslautern, Germany
- **Prof. Sudarshan Tiwari**  
TU Kaiserslautern, Germany
- **Dr. M. Panchatcharam**  
NUMA, Dublin, Ireland
- **Prof. Agnieszka Wylomanska**  
Wroclaw University of Science & Technology, Poland
- **Dr. Tanmay Sarkar**  
TIFR CAM, Bangalore
- **Prof. O. P. Vyas**  
IIT Allahabad
- **Prof. K. G. Subramanian**  
UGC (India) Emeritus Fellow, Madras Christian College
- **Prof. Bharati Rajan**  
Professor Emeritus, Loyola College
- **Prof. Indra Rajasingh**  
VIT University, Chennai



# INTERNATIONAL CONFERENCE ON APPLICABLE MATHEMATICS

## ICAM 2016

NOVEMBER 30 & DECEMBER 1, 2016

JOURNAL SPECIAL ISSUE

DEPARTMENT OF MATHEMATICS

## 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 of Mathematics has emerged as a frontline research department of the College, with highly research active faculty who have several publications; UGC funded Major Research Projects, Minor Projects, paper presentations and consultancies and eminent supervisors for both M.Phil. and Ph.D. scholars.

Excellence in teaching and learning is the major area of 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 specialised fields of study and have occupied positions at the highest level in both private and public sectors.

## CONFERENCE THEME

In keeping with the institutional vision of cultivating a culture of academic excellence on campus, the Department organises seminars, conferences and workshops periodically in its constant efforts to sustain high quality education in the discipline of mathematics.

The thematic focus of this international conference is on **"Applicable Mathematics" which "draws together traditional and modern mathematical techniques in a variety of social science contexts."** With this focus, the conference topics aim to open up greater options for research and course offerings in the field of mathematics.

## POSTER PRESENTATION

Undergraduate and postgraduate students of Arts and Science and Engineering Colleges are invited to participate in the poster presentation illustrating applications of Mathematics. **The posters should be put up on November 30, 2016 by 9:00 a.m. and removed on the same day by 5:00 p.m. There will be an award for the best poster presentation.**

## PAPER SUBMISSION

Teaching faculty and researchers are invited to send the extended abstract of their papers (250 words) only in **MS Word, Times New Roman font; size 12**, to **icamsmc2016@gmail.com**. Presented papers, after a process of rigorous peer reviewing will appear in reputed journals.

## TOPICS OF INTEREST INCLUDE BUT ARE NOT LIMITED TO:

ALGEBRA  
ANALYSIS  
MATHEMATICAL SIMULATION  
STOCHASTIC PROCESSES  
MECHANICS  
CONTROL THEORY  
NUMBER THEORY  
DIFFERENTIAL EQUATIONS  
OPERATIONS RESEARCH  
FLUID DYNAMICS  
PROBABILITY THEORY  
STATISTICS  
FUZZY MATHEMATICS / LOGIC  
GRAPH THEORY  
TOPOLOGY  
MATHEMATICAL MODELLING  
QUEUEING THEORY  
NETWORKING  
CRYPTOGRAPHY  
DISCRETE MATHEMATICS

# INTERNATIONAL CONFERENCE ON APPLICABLE MATHEMATICS (ICAM-2016)

Organized by

Department of Mathematics

Stella Maris College(Autonomous), Chennai-600 086, Tamil Nadu, India

Contact: +91 44 28111987 / [icamsmc2016@gmail.com](mailto:icamsmc2016@gmail.com)

## REGISTRATION FORM

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Institution : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

City : \_\_\_\_\_

State : \_\_\_\_\_

Country : \_\_\_\_\_

Postal/Zip Code : \_\_\_\_\_

Telephone/Mobile : \_\_\_\_\_

e-mail id : \_\_\_\_\_

Presenting a Paper : Yes / No

Presenting a Poster : Yes / No

Title of the Paper : \_\_\_\_\_

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DD No. : \_\_\_\_\_

DD amount : \_\_\_\_\_