Mode of Payment

The registration fee should be sent by Online Mode or GPay only

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Venue of the Conference

Fr. Caussanel Hall, St.Xavier's College (Autonomous),
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INTERNATIONAL CONFERENCE
on
"Mathematics and Informatics"

29th March 2023

CENTENARY YEAR: 2022-2023

Organised by
Department of Computer Science and Research Centre
St. Xavier's College(Autonomous), Palayamkottai,
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SXC@100

About the College

St. Xavier's College was established in 1923 at Palayamkottai by Jesuit Fathers of the Jesuit Madurai Province with an aim of preparing generations of students for a happy, healthy and harmonious life. The motto of the college is *Veritate Lumen et Vita* (Light and Life through Truth). It is a grant-in-aid institution recognized by the UGC Act under sections 2(f) and 12(B). The college is affiliated to the Manonmaniam Sundaranar University. In recognition of its service and excellence, the college was granted autonomy in 1987. The National Assessment and Accreditation Council (NAAC) in 2019 accredited the college at A++ grade with a CGPA of 3.66 out of 4 in IV Cycle. The UGC awarded the status of "College with Potential for Excellence" to our college in 2004 and again in 2010 and 2014. College is under STAR college scheme of DST. In the ranking conducted by the National Institutional Ranking Framework (NIRF), our college got 68th rank in College Category in 2022. Today more than 4000 students study in 14 Postgraduate and 15 Undergraduate departments. Ph.D. Research is carried out in 12 departments.

About the Department

The department of Computer Science was established in 1986 and it has been one of the pioneering departments in Manonmaniam Sundaranar University. B.Sc. Computer Science was introduced in 1986. In 1991, PGDCA course was started. In 1994, M.Sc Computer Science was introduced followed by the introduction of M.C.A in the year 2000. In 1998, B.Sc. Computer Science Evening course was started. In 2002, M.Sc Information technology was introduced. M.Phil and Ph.D. courses were started in the year 2009. Our College is the first Arts and Science College to offer M.Phil and Ph.D programme in Manonmaniam Sundaranar University region.

About the International Conference

We are living in an era of information technology (IT). IT is the application of computers and other electronic equipment to receive, store, retrieve, transmit, and manipulate data. Informatics is the study of the structure, behaviour, and interactions of natural and engineered computational systems. Informatics studies the representation, processing, and communication of information in natural and engineered systems. It has computational, cognitive and social aspects. Mathematics provides methods for organizing and structuring knowledge so that, when applied to technology, it allows scientists and engineers to produce systematic, reproducible, and transmittable knowledge. Mathematics and informatics are inseparable. The aim and objective of this conference is to bring mathematicians and computer professionals together to address the scope and challenges of informatics.

RESOURCE PERSONS

Tech Talk- 01 "Marching Towards Smart Planet"

Dr. Paul Devashayam Manuel,
Professor, Department of Information Science,
Kuwait University, Kuwait.
"World's Top 2% Scientist 2022"

Tech Talk- 02 "Significance of IT SERVICE CONTINUITY in the Business Continuity

Dr. Khalid Al Zadjali,
Senior Vice President Digital, Oman Air, Muscat, Sultanate of Oman.

Mr. Arokianathan Pushparaj,
Manager - Digital Strategy, Governance & PMO, Oman Air,
Muscat, Sultanate of Oman.

Tech Talk- 03 "Convergence of Creative Powers"

Rev. Dr. M. Xavier Rex,
Principal, Carmel Academy Mandamarri, Telangana.

Chairs of Sessions

Dr. G. Arivarignan,
Former UGC, Emeritus Fellow at M.S. University, Tirunelveli,
Former CSIR Emeritus Scientist at M. K. University, Madurai,

Dr. M. Lellis Thivagar
Emeritus Professor and Head, MKU

Dr. Indra Rajasingh,
Former Professor and Dean, VIT, Chennai.

Call for Papers

We invite papers from the research scholars of Computer Science, Mathematics and Statistics in the following fields but not limited to:

* Cloud Computing
* Image Processing
* Computer Graphics
* Big Data and Hadoop
* Human Computer Interaction
* Machine Learning
* Any area of Mathematics / Statistics

* Distributed Computation
* Neural Networks
* Soft Computing
* Cluster Analysis
* Data Mining
* Deep Learning

Format and Submission of the Paper

* The paper must be prepared in IEEE format (Typed in MS-Word).
* The first page of the paper must contain the Title, Authors name, Abstract and Keywords.
* Abstract must be presented between 150 to 250 words.
* Submissions must be original contribution. The paper should not have been presented or published elsewhere.

Proceeding

* The accepted papers alone will be permitted for oral presentation and publication in the conference.
* For all accepted papers, author and co-authors have to register for the conference separately. Authors have to register separately for multiple papers.
* Papers presented in the conference alone will be published in the conference proceedings with ISSN number.
* Online presentation is allowed only for scholors from abroad and outside Tamilnadu.

Dates to Remember:

Last Date for Registration and Paper Submission : **18-Mar-2023**
Paper Acceptance Notification : **25-Mar-2023**

Registration:

Students/Research Scholar : **Rs. 500/-**
Academicians : **Rs. 800/-**
Industry and others : **Rs. 1000/-**

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(The Registration fee includes Conference Kit, Softcopy of Proceedings, Certificate, Lunch and Refreshment)