PG & RESEARCH DEPARTMENT OF MATHEMATICS
SCHOOL OF COMPUTING SCIENCES
St. JOSEPH'S COLLEGE (Autonomous)

Special Heritage Status awarded by UGC, Accredited at 'A' Grade (3rd Cycle) by NAAC
College with Potential for Excellence by UGC, DBT - STAR & DST - FIST sponsored College

TIRUCHIRAPPALLI - 620 002, INDIA

Organizes the
International Conference on DISCRETE MATHEMATICS - ICDM 2019
Jan. 7-9th, 2019

ABOUT THE INSTITUTION

St. Joseph's College is an affiliated First Grade College of the Bharathidasan University. It was established in 1844 by the Fathers of Society of Jesus(The Jesuits). Then it was affiliated to the Madras University in 1869. The college celebrated its centenary in 1944, sesquicentenary in 1995 and acquired the Five Star status, awarded by NAAC in 2000. It was recognised by UGC as a College with Potential for Excellence in 2004, reaccredited by NAAC with A+ grade in 2006 and accredited again by NAAC at A grade in 2012. The college celebrates 175 years of its inception this year. This college is owned by the Society of St. Joseph's, having its office in Tiruchirappalli. St. Joseph's College is meant primarily for the Catholic Minority Community of the Town and the State. The institution does admit other students, irrespective of their caste and creed, their religious feelings and freedom of conscience are respected.

ABOUT THE DEPARTMENT

Mathematics department is one of the oldest and premier departments of the college from its inception in 1844. At present eight of our faculties are guiding Ph.D. scholars in areas like Graph Theory, Automata Theory, Functional Analysis, Differential Equations and Stochastic Process.

ABOUT THE ICDM-2019

To commemorate the 175th Dodransbicentennial celebration of the college an International Conference on Discrete Mathematics ICDM 2019 will be held from January 7th to 9th , 2019 at St. Joseph's College, Tiruchirappalli, Tamil Nadu, India. Since 2013, it is an annual feature of the department of Mathematics to conduct a national conference in honour of Rev. Dr. A Albert Muthumalai SJ. The main aim of this conference is to give an opportunity to the budding research scholars to learn and understand some of the emerging topics in Discrete Mathematics. This will help them to have in-depth discussion on the front-line challenging problems on various topics. The conference has two important aspects- one is sessions of series of invited talks and the other, the paper presentation of the contribution of the participants. Professors and scholars working in areas Graph Theory, Automata Theory, Cryptography, Number Theory, Coding Theory, ect. are invited to participate.

TOPICS COVERED

. Spectra of Graph Theory, Colouring in Graphs, Distance in Graphs, Domination in Graphs, Algorithmic Graph Theory, Graphs and Groups, Number Theory in Cryptography, Automata Theory, etc.

PROCEEDINGS OF THE CONFERENCE

The Proceedings of the Conference will be published as special issue of a standard publisher. Each paper, invited and/or contributed, will be refereed by two experts. Articles must be prepared in LaTeX using article style. We encourage electronic submission of the PDF and LaTeX source file of the paper through E-mail to the convenor.

REGISTRATION DETAILS

Students:	₹ Rs.1,500/-
Faculty/Research Scholars:	₹ Rs.2,000/-
Industrial Persons/others:	₹ Rs.3,000/-
Overseas Participants:	$100/-

Mode of payments is through Demand Draft drawn in favour of "SJC Maths Conference" payable at Tiruchrappalli, and sent to the Convenor or e-payment can be done in the Indian Overseas Bank, Chinthamani Branch, Trichy. (A/c 137501000017690, IFS Code: IOBA0001375).

IMPORTANT DATES

Paper Submission	:	15th October 2018 (Monday)
Paper Acceptance Notification	:	15rd November 2018 (Thursday)
Submission of Registration	:	26th November 2018 (Monday)
Submission of final version of the paper:		10th December 2018 (Monday)

ORGANISING COMMITTEE

Chief Patron	:	**Rev. Dr. Leonard Fernando SJ**
		Rector, St. Joseph's College, Trichy
Patron	:	**Rev. Dr. A Antony Pappuraj SJ**
		Secretary, St. Joseph's College, Trichy
Chairman:		**Rev. Dr. M. Arockiasamy Xavier SJ**
		Principal, St. Joseph's College, Trichy
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		Head and Associate Professor of Maths
		St. Joseph's College, Trichy
Co-Convener:		**Dr.U. Karuppiah**
		Associate Professor of Maths
		St. Joseph's College, Trichy

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INVITED SPEAKERS

Prof. Ervin Gyori, Alfred Renyi Institute of Mathematics, Hungary
Prof. Balazs Patkos, Alfred Renyi Institute of Mathematics, Hungary
Prof. Paul Dorbec, University of Bordeaux, France
Prof. Pavol Hell, Simon Fraser University, Canada
Prof. T.E.S. Raghavan, University of Chicago, USA
Prof. I. Naci Cangull, Uludag University, Turkey
Prof. S. Arumugam, Amrita Vishwa Vidyapeetham, Coimbatore
Prof. R. Balakrishnan, Bharathidasan University, Trichy
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Prof. Niranjan Balachandran, IIT., Mumbai
Prof. P. Paulraja, Kalasalingam Academy of Research and Education,TN
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Prof. A. Vijayakumar, Cochin University

FOR FURTHER DETAILS CONTACT

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