

IMPORTANT DATES

✓ Submission of Abstract	31-05-2024
✓ Notification of Acceptance	05-06-2024
✓ Submission of Full Text of Accepted paper	16-06-2024
✓ Deadline for Early Bird Registration	24-06-2024
✓ Deadline of Author Registration	30-06-2024

REGISTRATION FEE SCHEDULE

Nature of Person	Early Bird Before 24-06-2024		After 24-06-2024 to 30-06-2024	
	Within India(₹)	Outside India(\$)	Within India(₹)	Outside India(\$)
PG Students	500	50	750	75
Faculty / Research Scholars	1000	100	1500	150
Industry People	1500	150	2000	200

Registration is Compulsory for all the Participants

REGISTRATION DETAILS

Duly filled in the Registration Form along with necessary fee should be sent on or before **30-06-2024**

Registration Link

<https://forms.gle/XTyiXFPFbPBoMciQ>

Payment Details

Payment through UPI/IMPS/NEFT/RTGS

Bank Name : INDIAN OVERSEAS BANK
Branch : JAMAL MOHAMED COLLEGE BRANCH
TIRUCHIRAPPALLI - 620 020
Account Name : JAMAL MOHAMED COLLEGE
Account Type : Current Account
A/C No. : 0467020000000009
IFSC Code : IOBA0000467
MICR Code : 6200620010



ICOMAC 2024

Dr.M.MOHAMMED JABARULLA

Organizing Secretary

PG & Research Department of Mathematics
Jamal Mohamed College(Autonomous)
Tiruchirappalli, Tamilnadu, India

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International Conference on
Mathematical Methods and Computation

ICOMAC 2024

24 - 07 - 2024

PG & RESEARCH DEPARTMENT OF MATHEMATICS
JAMAL MOHAMED COLLEGE
(Autonomous)

Accredited with A++ Grade by NAAC (4th Cycle) with CGPA 3.69 Out of 4.0
(Affiliated to Bharathidasan University)

Tiruchirappalli - 620020
Tamilnadu
India

91-9994358684

icomac2024@gmail.com

CLICK HERE

www.jmc.edu

91-9994358684

icomac2024@gmail.com

ABOUT THE INSTITUTION

Jamal Mohamed College was founded in 1951, as an affiliated college to the University of Madras and then affiliated to Bharathidasan University, Tiruchirappalli, when it was formed in 1982. Jamal Mohamed College is situated in the central part of Tamil Nadu, Tiruchirappalli city. It was established as a religious minority institution with the primary objective of providing higher education to the downtrodden and socially backward section of the society in general and Muslim minority in particular.

The college is administered by the Society of Jamal Mohamed College. It was established in a sprawling land area of 87 acres, as a religious minority institution. Hajee M. Jamal Mohamed Sahib and Janab N.M. Khajamian Rowther, of revered memory, were the founding fathers of this institution.

In the year 1957 the College got the single honour of being bracketed with the thirty best colleges in India when Dan forth Foundation of USA selected the college for the award of study fellowships in U.S.A. In 1963 the college was elevated to the status of a Post-graduate College.

In the year 1972, the College was recognized by UGC New Delhi, for the purposes of Grants under section 2(F) and 12(B) of the University Grants Commission Act 1956. In 1977, on the recommendation of the University of Madras, the UGC recognized the College as one of the ten "Lead colleges" in the university area.

The College was accredited at Five Star Level by NAAC during 2002 and conferred with Autonomous Status by UGC, New Delhi and Bharathidasan University in 2004-2005. In January 2009, the College was accredited by NAAC with A-Grade (2nd Cycle) - CGPA 3.6 out of 4.0. Our College was bestowed with the unique honour of "CPE" status Phase-I and Phase-II by the University Grants Commission under the Scheme "Colleges with Potential for Excellence" in 2011 and 2016 respectively. We retained the 'A' Grade awarded by NAAC during the third cycle of accreditation in 2015. Our College was accredited by NAAC with A++ Grade (Fourth Cycle) - CGPA 3.69 out of 4.0. The College has secured 56th position in the National Institutional Ranking Framework (NIRF) 2023

Department of Science and Technology (DST), Government of India has accorded FIST Scheme to the Departments of Zoology, Botany and Physics in 2004 and to the Department of Mathematics in 2008. Again, DST FIST Scheme has been extended to the Departments of Mathematics, Physics, Botany, Zoology and Computer Science in 2019. Five Science Departments such as Mathematics, Physics, Chemistry, Botany and Zoology have been short-listed after a meritorious presentation, among many competing institutions and awarded the Star Status Scheme by the Department of Bio Technology (DBT) in 2020.

Over a period of 74 years the College was able to scale greater heights and raise to the present status as a multi-faculty institution with 28 UG and 21 PG courses. 19 departments of the College are functioning with the status of approved research centers. The College has a strength of around 11000 students. There are 133 Government Aided teaching faculty and 333 staff members are working under the self-finance stream. The College celebrated its silver Jubilee in 1971, subsequently the Golden Jubilee and Diamond Jubilee in 2001 and 2011 respectively.

With many milestone achievements, the College has been marching towards fulfilling marvelous plans, matching the vision and mission of our Noble Founders and the present Management Committee Members. "The Jamal" journey continues with all gentle Jamalians for still more greater heights of glory in higher education.



ABOUT THE DEPARTMENT

The Department of Mathematics of Jamal Mohamed College, was started as one of the earliest departments in the year 1951. B.Sc., and M.Sc., Mathematics programmes were started in 1957 and 1963 respectively. The Department was elevated into a research department in the year 2002 by offering M.Phil., (Full-Time & Part-Time) and Ph.D., (Full-Time & Part-Time) programmes. B.Sc., Mathematics (Self-Financing Section) was started for women in 2003. M.Sc., Mathematics (Self-Financing Section) was started for women and men in 2005 and 2010 respectively. In the year 2008, the Department was identified for the award of FIST - Grant by the Ministry of Science and Technology of Government of India. The Department has highly qualified faculty members actively engaged in teaching, research, continuing education programmes and consultancy. In the last 25 years, the members of the Department have written 13 books, more than 100 research scholars were awarded Ph.D., degrees, published more than 700 research papers in National and International journals and presented many research papers in National and International Conferences. Our department has separate Mathematics Laboratory with more than fifty mathematical models.

CONFERENCE OBJECTIVES

The main objective of this conference is to provide a platform for researchers, educators, students and professionals to exchange the ideas, to communicate and discuss research findings and new advancements in Mathematics. The conference will be a venue to discuss their research findings and to provide researchers to discuss their thoughts and views on the development in their fields.

ABOUT THE CONFERENCE

The eighth "International Conference on Mathematical Methods and Computation (ICOMAC 2024)" is to provide a forum for presenting and discussing the new techniques, ideas and alternative technology in the field Mathematical Sciences. The Conference will feature Keynote and invited talks by renowned academicians, researchers, industrialist and scientists of international repute.

CALL FOR PAPERS

Original papers are invited from academicians, research scholars and industrialists in the areas, but not limited to, listed below:

- Algebra
- Algorithms
- Analysis
- Applied Algebra
- Applied Analysis
- Combinatorics
- Computer Arithmetic and Numerical analysis
- Computer Networks
- Control Theory and Automation
- Decision Making
- Discrete Mathematics
- Differential Equations
- Dynamical Systems
- Environmental Modeling
- Evolutionary Computing and Neural Networks
- Experimental Mathematics
- Finance and Management
- Fuzzy Sets and Systems
- Fuzzy Graph Theory
- Fuzzy Logic
- Fuzzy Optimization
- Game Theory
- Graph Theory
- Image Compression
- Information Systems
- Interval Arithmetic



- Intuitionistic Fuzzy Sets
- Manufacturing Systems
- Mathematical Modeling and Simulation
- Mathematical Biology
- Mathematical Medicine
- Mathematical Chemistry
- Mathematical Physics
- Mathematical Programming Networks
- Operations Research
- Parallel Algorithms
- Pattern Recognition
- Scientific Computing and Algorithms
- Signal Processing
- Software Engineering and Technology
- Stochastic Processes
- Uncertainty Modeling

PAPER SUBMISSIONS

Submissions of articles must be of original contributions and should not have been presented or published elsewhere. At least one of the authors of the accepted paper must attend the conference and present the paper. The first page of the paper must contain only the Title, Authors name, abstract, keywords and phrases and 2010 Mathematics Subject Classifications. Submitted papers will be reviewed by at least two reviewers. The accepted papers of the registered candidates only will be published in the Scopus, Web of Science Journals and proceedings.

CONFERENCE JOURNAL AND PROCEEDINGS

All accepted papers will be published in the Scopus, Web of Science Journals and proceedings. Details will be informed in due course of time. The publication charges are separate. It varies depending on the journal and the period of publication.

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