

## ABOUT THE INSTITUTION

JP college of Arts and Science is one of the institutions of DFT foundation under the congregation of DMI and MMI. Daughter of Mary Immaculate and collaborators (DMI) and Missionaries of Mary Immaculate and collaborators (MMI) are International Religious congregations approved by the authority of his holiness the pope through the respective diocese of the catholic church to work internationally. Rev. Fr. Dr. J. E. ARULRAJ, the Founder of chairman of DFT group of Institutions has a vision to provide a disciplined life with a spiritual base to remain truly alive and human.

The institution is located in a sprawling area of about 50 acres of land at agarakattu between tenkasi and ayikudi Town Panchayat in Tenkasi district. The college is affiliated to the Manonmaniam Sundaranar University and offers 13 UG programmes, 4 PG programmes.

## ABOUT THE DEPARTMENTS

The Department of Mathematics at JP College of Arts and Science was established in 2013 and upgraded to a postgraduate department in 2016. It has a strong academic tradition with experienced faculty. The Department of Chemistry, established in 2015, offers an undergraduate program and is known for its well-equipped laboratory and active research initiatives, with nearly 75% of students pursuing higher studies. The Department of Physics was founded in 2014 and offers a B.Sc. Physics program with an intake of 48 students. It features a well-equipped laboratory to support hands-on learning and experimentation.

## ABOUT THE CONFERENCE

Scientific advancements in Mathematics, Physics, and Chemistry play a crucial role in addressing global challenges and driving sustainable development. The International Conference on “Emerging Trends in Mathematical, Physical, and Chemical Sciences for Sustainable Development (ETMPCS-2025)” aims to bring together leading researchers, academicians, and industry professionals to share their insights, innovations, and discoveries in these disciplines.

## PLAGIARISM ALERT

Please ensure that all submissions are original work and properly cite any sources to maintain academic integrity. Plagiarism will not be accepted in and any instances of academic dishonesty will be taken seriously.



## JP COLLEGE OF ARTS & SCIENCE

Run by DMI Sisters

(Affiliated to Manonmaniam Sundaranar University - Tirunelveli)

Ayikudy, Tenkasi - 627852



## International Conference

on

Emerging Trends

in

Mathematical, Physical and Chemical  
Sciences for Sustainable Development

(ETMPCS-2025)

March 19-21, 2025

organized by

Department of  
Mathematics, Physics  
and Chemistry

&

Research and Development Cell



## PUBLICATION

All submitted papers will be reviewed by technical committees of the Conference (including similarity plagiarism check). All the selected papers will be peer-reviewed by the experts of the specialized area. Finally, all the accepted papers will be published in the following reputed scopus indexed journal

1) **MULTISCALE AND MULTIDISCIPLINARY MODELING, EXPERIMENTS AND DESIGN PUBLISHER: SPRINGER NATURE**  
2) **CONFERENCE PROCEEDINGS WITH ISBN NUMBER.**

## CALL FOR PAPERS

The organizing committee of the conference invites papers from researchers on the following areas and related topics (but not limited to).

Algebra, Matrix theory, Matrix Analysis, Analysis (Real, Complex, Functional and Non Archimedean), Civil Engineering and Other Engineering Fields, Mathematical Modeling & Mathematical Biology, Numerical Analysis, Differential Equations (ODE & PDE), Applied Mathematics, Automata Theory and Formal Languages, Computing Science, Electrical Science, Mechanical Engineering, Nanomaterials, Optical & Non linear optical materials, Crystal Growth, Ceramic & polymeric and composite materials, Materials Characterization, Dielectric Materials, Thin films, Superconducting materials, Biomaterials, Energy conversion, Fuel Cells, Hydrogen Energy, Sensor Materials, Nano science, Polymer and Bio materials, Chemical and Bio sensors, Molecular modelling, Crystalline materials, Medicinal chemistry, Bio medical waste management, Environmental and Sustainable Energy, Organometallic chemistry, Green chemistry, Structure of organic and inorganic materials.

## IMPORTANT DATES

Last Date for Submission of Abstract Along with the full paper **5 Mar 2025**. Acceptance Notification **10 Mar 2025**

## REGISTRATION LINK

<https://forms.gle/evBGhaLX4DPs4CHt8>



## CHIEF PATRONS

**Rev.Fr.Dr.J.E.Arul Raj**

Founder & Chairman , DMI and MMI Group of Institutions

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Principal, JPCAS

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**Dr. J. Maruthamani**

Assistant Professor, Department of Mathematics,  
Research & Development Cell - Co ordinator

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**Mrs. P. Ponrani**

Head, Department of Mathematics

**Mrs. R .Thangamathi**

Head, Department of Physics

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**Mrs. S. Kavitha@Gomu**

**Mrs. S. Vijay Lekshmi**

## KEY NOTE SPEAKERS

**Dr. Jebamalai Vinanchiarachi**

Director of Research , DFT Institutions,  
Former Principal , Advisor of Director General of United Nations  
Industrial Development Organization(Unido), Vienna, Austria.

**Prof. Dr. Ismail Naci Cangul,**

Bursa Uludag University, Faculty of Arts And Science,  
Department of Mathematics, Gorukle, Bursa, Turkey.

**Prof. Dr. Sayed Saleh**

Professor, Department Of Chemistry,  
Suez University, Pmef, Suez, Egypt.

**Dr. Sivaganesh Dhanushkodi**

Post Doctoral Researcher,  
Research Group For Advanced Materials Sustainable Catalysis,  
College of Chemical Engineering, Zhejiang University of Technology,  
Zhejiang, China.

**Dr. A. Selva Kumar**

Post Doctoral Fellow, Indian Statistical Institute, Bangalore.

**Dr. Rakesh Netha Vadnala**

Research Associate, Dr. Dimple Notani Lab,  
National Centre of Biological Sciences, Bangalore.

**Dr. S.V.Bharanedhar**

Assistant Professor, Department of Mathematics,  
Central University of Tamilnadu, Thiruvavur.

**Dr. K. Sathish**

Assistant Professor & Head, Department of Career Guidance,  
Faculty of Science And Humanities,SRM University, Chennai.

## REGISTRATION FEE

**RESEARCH SCHOLARS - ₹ 1000**

**FACULTY MEMBERS - ₹700**

**STUDENTS - ₹300**

Puplication fees for the selected papers will be collected  
later At least one of the authors of the selected paper  
should register and present the paper at the conference.

## ADVISORY COMMITTEE

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Professor NITK, Karnataka.

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Kalasalingam Academy of Research and Education, Srivilliputhur.

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## REGISTRATION FEE DETAILS

**PHONE PE - 9790774800**

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**NAME OF THE BANK - AXIS BANK**

**NAME OF THE ACCOUNT HOLDER - P.PONRANI**

**ACCOUNT NO - 915010001778177**

**IFSC CODE - UTIB0000623**

**BRANCH - ILANJI, TAMILNADU**

