

Who can participate?

Post graduate students, research scholars, industrialists and faculty members of physical, chemical, and biological sciences are eligible to attend the conference. No TA/DA will be provided for attending the conference.

Registration Details:

Registration can be done through the registration link:

<https://forms.gle/dmTsZp1d91aJEvQK7>



Abstract Submission:

Abstract in the prescribed format to be submitted on or before **November 15, 2024** to icrpmt25@gmail.com. Abstract should not exceed 250 words. Title of the abstract should be in Times New Roman with size 14 and the text is in 12 font size with 1.5 line spacing. Selected papers will be notified for Oral / Poster presentation to your registered email. The abstracts will be published in conference proceeding with ISBN number. Full paper publication in the peer reviewed journal may be facilitated on request. For poster presentation, size of the poster should be 1m x 1m.

Important Dates:

Last date for abstract submission : 15/11/2024

Last date for full paper submission : 30/11/2024

Acceptance notification : 20/12/2024

Registration Fee:

Academicians/Professionals: Rs. 1,000/-

Research Scholars/Students: Rs. 750/-

For International participants: Offline/Online modes : US\$ 50

Account Details:

Name: Bursar, The American College, Madurai

Account Number: 6520299844, IFSC code: IDIB000T003

Bank and Branch Name: Indian Bank, Tallakulam



Awards:

Two awards will be given for the best oral and poster presentations.

Accommodation:

Accommodation will be arranged on prior intimation with separate payment basis. Contact: Dr. S. Stephen Rajkumar Inbanathan, +91 - 94427 52733

For Further Communication Contact:

Dr. G.K. Priya Merline, +91 - 99948 08777

Dr. S. Christopher Jeyaseelan, +91 - 97504 91335



SINCE 1881

THE AMERICAN COLLEGE MADURAI - 2

(An Autonomous Institution Affiliated to the
Madurai Kamaraj University, Reaccredited (3rd Cycle) by
NAAC with Grade "A" CGPA - 3.47 on a 4 - Point Scale)



INTERNATIONAL CONFERENCE ON ROLE OF PHYSICS IN MODERN TECHNOLOGIES



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Assistant Professor Assistant Professor Assistant Professor

Organized by
PG & Research Department of Physics
The American College, Madurai – 625 002

*MS
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Dear Sir/Madam

Greetings, We are extremely happy to invite you to participate in an **International Conference on Role of Physics in Modern Technologies** to be conducted by PG & Research Department of Physics, The American College, Madurai during January 08 & 09, 2025.

About the College:

The American College is known for its focus on academic excellence and social relevance for the past 144 years. Originally founded by American Missionaries in 1841 and grew into a collegiate department in 1881. The College offers 49 undergraduate and 23 postgraduate programmes. There are 9 research centres offering Ph.D. programmes. The college was re-accredited (3rd cycle) by NAAC with Grade "A⁺" CGPA – 3.47 on a 4 Point Scale in 2022. This year our College has been ranked as 54th in NIRF 2024 among colleges in India. There are parallel undergraduate self-financed programmes in its Satellite Campus at Chattrapatti from 2015 for the benefit of the rural and less privileged students. The college has tie-ups and exchange programmes with many state, central, international industries and institutions.

About the Department:

The department traces its origin back to 1913 as an undergraduate department. It was elevated with a post graduate program in 1963 and with research programs in 1978. Five of our alumni are Bhatnagar award recipients. Curriculum in the PG and UG programmes provide the state-of-art knowledge in Physics with the complete sense of excitement and exploration. Currently, the department is running active research in all the thrust areas of physical sciences.

Theme of the conference:

This conference is organized to bring together the scientist from various fields in Physics to explore the Roll of Physics in Modern Technologies of their respective research areas. This will include the following research area.

- Energy Storage Technologies
- Nanotechnology and Polymer Nanocomposites
- Crystal Technologies
- Low Dimensional Semiconductor Technologies
- Thin Film Technologies
- Molecular Modelling and Dynamics Simulation
- Space Technologies
- Electrical & Electronic Technologies
- Communication Technologies
- Information Technologies
- Smart Biomaterials & Medical Technologies
- Laser & Spectroscopic Technologies
- Modern Optical Technologies

International / National Advisory committee:

- Prof. C. C. Yang, Head, Battery Research Laboratory, Ming Chi University of Technology, Taiwan
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- Dr. Gajanan G. Muley, Associate Professor of Physics, University in Amravati, Maharashtra
- Dr. M. Jeyanthinath, Assistant Professor, Department of Materials Science, Madurai Kamaraj University, Madurai, Tamil Nadu
- Dr. A. Pandi Kumar, Senior Scientist, Materials Electrochemical Division, CECRI, Karaikudi, Tamil Nadu
- Dr. I. Panneer Muthuselvam, Assistant Professor, Department of Physics, Banaras Hindu University, Varanasi
- Dr. M. Maniraj, Assistant Professor, Department of Physics, IIT, Bombay

Organizing Committee Members:

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- Dr. S. S. R. Inbanathan
- Dr. S. Israel
- Dr. D. David Jebaraj

Assistant Professors

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