In Nation Building Since 1926

PSG COLLEGE OF ARTS & SCIENCE

An Autonomous College - Affiliated to Bharathiar University
Accredited with A^{++} grade by NAAC (4th cycle)
College with Potential for Excellence (Status awarded by the UGC)
Star College Status awarded by the DBT - MST
An ISO 9001:2015 Certified Institution
Coimbatore – 641 014, Tamil Nadu, India

Multidisciplinary International Conference on

Research Advances and AI - Driven Innovation in Physico - Chemical, Computational and Biological Sciences for VIKSIT BHARAT - 2047 (PC^{2}BS - 2027)

As a part of the Centenary Celebrations of
PSG & Sons' Charities

07th - 09th January, 2027
Venue : GRD Auditorium, PSGCAS

PSG & SONS' CHARITIES

"*Let there be charity so that other people may share my family's prosperity*" said Sri. P. S. Govindaswamy Naidu, the benevolent philanthropist. He firmly believed that "*Charity begins at home!*".True to his words, the four praiseworthy sons of Sri. P. S. Govindaswamy Naidu founded the PSG & Sons' Charities Trust in 1926, to take his vision forward. Through the Trust they took "*Charity through Education*" with great missionary zeal. The Trust extends its influence to over 30,000 students across 30 educational institutions, offering a comprehensive array of educational opportunities.

PSG COLLEGE OF ARTS & SCIENCE

PSG College of Arts & Science is a premier institution started in the year 1947 by the PSG & Sons' Charities, Coimbatore. The College has been granted Autonomous Status by the UGC since 1978, and has been accredited with A^{++} Grade by the National Assessment and Accreditation Council (4th Cycle) and has an ISO 9001:2015 Certification from TUV - Rheinland, Germany. It is identified as a "College with Potential for Excellence" by the University Grants Commission, New Delhi. Ranked 10th under NIRF 2025 and is the recipient of many National and International awards and recognitions. The College offers 49 Undergraduate programmes, 32 Postgraduate, 5 years Integrated Postgraduate (MSc Software Systems) and 4 PG Diploma Programmes. PhD Research Programme are offered in 25 disciplines.The College has a long-standing academic tradition of excellence in education and research.

ABOUT THE CONFERENCE

The International Conference on Research Advances and AI - Driven Innovation in Physico - Chemical, Computational and Biological Sciences is a global interdisciplinary platform that brings together researchers, academicians, industry experts, innovators, and students to explore cutting edge scientific advancements. The conference emphasizes the transformative role of Artificial Intelligence (AI) in accelerating discoveries across physical, chemical, computational, and life sciences. It aims to foster collaborative research, sustainable technologies, precision healthcare, and data - driven innovation aligned with the vision of Viksit Bharat 2047. The conference aims to promote knowledge exchange, interdisciplinary partnerships, and the translation of scientific research into real world societal impact through the keynote lectures, technical sessions, workshops, and poster presentations.

WHO SHOULD ATTEND?

Academicians, Doctors, Scientists, Research Scholars, Postgraduate & Undergraduate students from any Science and Technology stream, Industrialists, Pharmacists, Healthcare practitioners, Dietitians and Alternative Medicine practitioners.

Central focus of the Conference

Integrating AI, Sustainable Science, and Translational Research for a Knowledge – Driven Viksit Bharat 2047.

SCIENTIFIC MODULES

- Artificial Intelligence & Data – Driven Scientific Discovery
  Machine Learning, Deep Learning, Generative AI, Scientific Computing and Analysis, Quantum Computing
- Advanced Physical & Chemical Sciences
  Nanomaterials, Functional Materials, Photonics, Neural Networks, Energy Storage & Applications, Green Chemistry, Analytical Chemistry & Catalysis, Electrochemistry, Environmental and Medicinal Chemistry
- Computational Sciences & Bioinformatics
  Systems Biology, Computational Biology, Molecular Modelling, Network Pharmacology, Omics, & High-Performance Computing, Mathematical Modelling & Computational Mathematics
- Biological & Biomedical Sciences
  Biochemistry, Molecular genetics, Microbiology, Immunology, Biotechnology, Agriculture & Environment, Nutrition, Health & Wellness Regenerative medicine and Precision therapeutics
- AI – Enabled Healthcare & Diagnostics
  Biosensors, Point-of-Care Devices, Medical Imaging, Digital Health, Wearable Technologies, and Translational Diagnostics, One health

INVITED SPEAKERS



Prof. Goh Boon Tong
Deputy Dean- Institute for Advanced Studies (IAS), Low Dimensional Materials Research Centre, Faculty of Science and Universiti Malaya, Malaysia



Prof. Lipika Dey
Professor, Department of Computer Science
Vachani School of Advanced Computing
Ashoka University, Rai Sonipat (Sonepat)
Haryana



Dr. Vasanthan Metupalle
Co-Founder & CEO, 1 Life Healthcare
Co-Founder & Director, ResoHealth
Dubai, United Arab Emirates / Singapore



Prof. Sankar Ganesh Palani
Professor (Research Track)
Department of Biological Sciences
BITS Pilani, Hyderabad Campus
Hyderabad, Telangana



Dr. Shobana Padmanabhan
Director (Academics), School of Engineering
Chanakya University - Global Campus
Bengaluru, Karnataka



Dr. Abhinav S. Raman
Assistant Professor
Department of Chemical Engineering
Indian Institute of Technology Madras
Chennai, Tamil Nadu

Dr. L. Shangerganesh
Associate Professor & Head- Mathematics
Department of Applied Sciences and Humanities & Social Sciences
National Institute of Technology, Goa



Prof. Sudeshna Sarkar
Dr. AVLN Rao & Tulasi Ramalakshmi Aluru
Professor, Department of Computer Science & Engineering, Indian Institute of Technology Kharagpur, West Bengal



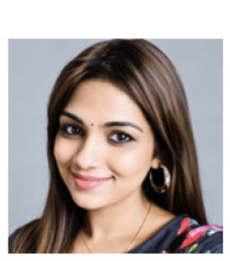
Dr. Janani Dakshina Moorthy
Clinical Geneticist &
Founder/ Director
GeneAura Private Limited
Chennai



Prof. Venkata Krishnan
Professor, School of Chemical Sciences
Indian Institute of Technology, Mandi
Kamand, District Mandi
Himachal Pradesh



Prof. Dr. Lakshmi Thangavelu
Visiting Professor, University of Cyberjaya
Persiaran Bestari, Cyber 11
Cyberjaya, Selangor, Malaysia



Prof. D. Sundar
Director & Biocon Chair
Institute of Bioinformatics and Applied Biotechnology (IBAB)
Bengaluru, Karnataka



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Dean, Life Sciences

Mr. V. SUDHAKAR
Dean, Applied Skills

CALL FOR PRESENTATION

Abstracts on Conference themes are invited for PAPER & POSTER PRESENTATION in the following format; Participants are requested to submit their abstracts in the standard format using MS Word (Times New Roman, Font size : 12, with 1.5 line spacing, within 300 words of maximum). Authors may submit the abstract electronically to pccbs2027@psgcas.ac.in
The poster should clearly present the title, the author (s) name (s), affiliation (s) and address. The size of the poster should have dimensions of 4 ft (height - 48 inches) x 3 ft (width - 36 inches). Poster should be in one piece either in flex or laminated sheet. The official language of this conference is English and translation services will not be provided.
Last date for abstract submission : 01 - 01 - 2027.

REGISTRATION & PUBLICATION

All registered abstracts will be published in Conference Proceedings along with ISBN Number. Best Paper / Poster presentations will be awarded. The registration fee includes a kit, conference proceedings, refreshments and working lunch. Registration fee should be paid through the following link, as per the tariff mentioned below. The registration fee is non-refundable under any circumstances.

Participants Category	Registration till 07 Jan 2027
Students / Research Scholars	₹ 600/-
Faculty from PSG Institutions	₹ 1000/-
Faculty from other Institutions / Scientists	₹ 1200/-
Accompanying Persons	₹ 500/-
Industry Representatives	₹ 2500/-
Foreign Participants	100 USD

Registration Link : https://events.psginstitutions.in/EMS/register/66375DB8238

Scan Me

Accommodation : Participants are encouraged to make their own arrangements for stay. However, accommodation assistance will be provided by the organizing committee.

SPONSORSHIP AND ADVERTISEMENT

This International Conference provides an excellent opportunity for Industries / Companies to gain publicity for show casing their latest products and technologies to a highy focused audience. Interested Industries and Companies may contact the organizers.

CONTACT DETAILS

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