



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**

(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
KIRUPANANDA VARIYAR
ARTS & SCIENCE COLLEGE**

Approved by the Government of Tamil Nadu and AICTE, New Delhi.



N

Indo – South Korea – Thailand 6th International Conference

on Nanoscience and Nanotechnology for
Energy, Environment & Biomedical
Applications

iNEEBA-2026

24th & 25th September 2026

Organized by

Vinayaka Mission's Kirupananda Variyar Arts and Science
College, A Constituent College of Vinayaka Mission's
Research Foundation (Deemed to be University)
Salem, Tamil Nadu, India

Conference Mode
(Online)

Theme

Advancing Sustainable Innovations
through Nanoscience &
Nanotechnology

In Collaboration With

Gyeongsang National University,
South Korea &
Chulalongkorn University,
Thailand

Publications

Selected peer-reviewed papers will be considered for
publication in Scopus-indexed journals.





VINAYAKA MISSION'S RESEARCH FOUNDATION

Vinayaka Mission's Research Foundation (VMRF) was established under Section 3 of the University Grants Commission (UGC) Act, 1956, and was founded in 1981 by the Founder-Chancellor, Dr. A. Shanmugasundaram. The Union Ministry of Human Resources Development conferred University status on Vinayaka Mission's Research Foundation (VMRF) in 2001. Vinayaka Mission's Research Foundation Deemed to be University (VMRFDU) is a pioneering and vibrant university offering a multi-cultural experience with an ambience marked by the perfect harmony of living in diversity. One of the biggest universities in India, VMRF boasts of the most diversified education in terms of the number of faculties, ranging from medicine, paramedicine, engineering and technology to management - almost the complete range of academic disciplines. The University main campus in Salem is truly a scenic marvel surrounded by mountains and a hallmark of the city. VMRFDU has 13 colleges and 11 Schools in four locations in Salem, Chengalpet, Pondicherry & Karaikal. All the Programs offered by VMRF(DU) are approved by respective statutory authorities. VMRF(DU) is Accredited by NAAC with 'A' grade and ranked in NIRF and ARIIA.



VINAYAKA MISSION'S KIRUPANANDA VARIYAR ARTS AND SCIENCE COLLEGE

Vinayaka Mission's Kirupananda Variyar Arts and Science College (VMKVASC), a Constituent College of Vinayaka Mission's Research Foundation Deemed to be University, Salem, serves the rural society by offering top quality education and inculcating the research and development attitude among student community.

VMKVASC was started in 1995. The Institution offers 12 Under Graduate Courses, 5 Post Graduate Courses and Ph.D. Programme. The Institution is ISO 21001:2018 Certified Institution and recognized as top performing nodal centre for Virtual lab. Also, a centre with well-equipped instruments like Ultra Performance Liquid Chromatography (UPLC), Gas Chromatography (Ge), DC power supply, etc is established for Research and Development in order to perform high quality research. In addition to the research, VMKVASC conducts several workshops, conferences at the National, and International levels, as well as training and awareness programmes on the latest developments.

GYEONGSANG NATIONAL UNIVERSITY

Gyeongsang National University (GNU) is the leading national university representing Gyeongnam in south korea that creates a better future for mankind with the pioneering spirit of challenge and creativity.



GNU is renowned for its world-class research capabilities in Life Sciences, Aerospace, Mechanical Engineering, Nano and Advanced Materials. The university actively participates in various national-level projects and offers high quality education through a structured curriculum and creative convergence-based learning. Notably, in the Department of Chemistry, the Graduate School for Molecular Material Chemistry has been selected as a research platform under the 4th Stage Brain Korea 21 (BK21) project. This prestigious initiative supports the development of creative, future-oriented professionals capable of advancing regional growth and elevating national prestige on a global scale. GNUChem drives international-level research outcomes through strong collaborative efforts-both domestically and internationally-in areas such as eco-friendly nano-biomaterials, medical diagnostics, catalysis, and optoelectronic materials. The department is committed to cultivating high-caliber graduate students who will significantly contribute to national and regional advancements in science and technology. As a globally focused institution and a key national university, GNU fosters outstanding talent through innovative research and bold ideas-serving as a regional innovation platform and shaping a promising future for all.



CORE-FACILITY CENTER FOR PHOTOCHEMISTRY & NANOMATERIALS, GNU

Gyeongsang National University's (GNU) Core-Facility Center specialized in photochemistry and nanomaterials is a leading research infrastructure facility. The primary focus of the Centre is to provide world-class and highly sophisticated analytical instruments for advanced nanomaterials researches. The GNU Core-Facility Centre, supported by the Ministry of Education, Government of Korea, strengthens the R&D capacity of research institutes, creates an efficient research-oriented ecosystem, promotes joint research among researchers in the future, and further strengthens basic science research capacity. It also provides necessary solutions for all the research including pre-treatment process, data collection, data analysis, serves as a mentor for systematic analysis and research for the users. The centre has created an independent space according to the characteristics of the equipment.



e-CORE
CORE-FACILITY CENTER FOR
PHOTOCHEMISTRY & NANOMATERIALS



There are more than 30 instruments related to photochemistry and nanomaterials, including X-ray diffraction, X-ray photoelectron spectroscopy, Raman spectroscopy, BET surface area analyzer, TGA/DTA thermal analyzer, GC-mass, High-performance liquid chromatography, Field-emission scanning electron microscope equipped with energy-dispersive X-ray spectrometer, ultra-low temperature laser fluorescence analyzer, laser ablation systems, etc. Through the Core-Facility Center, we will create a technological synergy to cope with the fourth industrial revolution in the future and contribute to innovative research.

DEPARTMENT OF CHEMICAL ENGINEERING, CHULALONGKORN UNIVERSITY



Chemical engineering discipline started at the Faculty of Engineering, Chulalongkorn University, as an Industrial Chemistry major under the administration of the department of Industrial Engineering in 1961. In the 1970s, to complement Thailand's vibrant agriculture-based economy, the Thai industrial sector strategically expanded into the petroleum and petrochemical industry. The Faculty had the foresight to formally set up the Department of Chemical Engineering in 1975: the department would provide a complete and upto date undergraduate curriculum and produce engineers qualified to meet many challenges of the upcoming industry. The department began to offer a Master's program in 1976 and, as one of its major milestones, the country's first Doctoral curriculum in 1989.



The department's activities have continued to evolve, bringing many recognitions over the years. Our undergraduate curriculum was one of the firsts to be certified by the Thailand Accreditation Body for Engineering Education (TABEE) in 2017. The department has been acclaimed as a premier department in less than 5 decades, being ranked by the QS World University Ranking in both 2019 and 2020 to be the top Chemical Engineering Department in Thailand, the Top 5 in ASEAN, and the Top 101-150 in the world.

THE CONFERENCE – iNEEBA 2026

The 5th International Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Applications (iNEEBA-2026) will be held during September 24-24, 2026. This conference includes keynote lectures from eminent scientists across the world, oral presentation and poster presentation of various aspects of Nanoscience and Nanotechnology. The goal of the conference is to create a platform for materials scientists/physicists/chemists from academic institutions and industries around the world to present breakthroughs in their disciplines favorable to exchange ideas and scientific information. The conference will encompass the latest research advances in nanoscience and nanotechnology with a focus on energy, environment, and biomedical applications. It will highlight innovative approaches for sustainable energy generation and storage, environmental remediation, green technologies, advanced nanomaterials for healthcare, diagnostics, and therapeutics. Thus, the conference on nanomaterials will serve as a multidisciplinary venue for talks and deliberations. The iNEEBA 2025 invites abstracts and full-length manuscripts in the thematic areas of material science and biomaterials for oral/poster presentations and peer-reviewed publications.

CONFERENCE THEMES

- Polymers
- Fuel Cells
- Corrosion
- Biomaterials
- Nanocomposites
- Advanced Materials
- Thinfilms & Coatings
- Batteries
- Super capacitors
- Energy storage materials
- Modelling and simulations
- Smart & Intelligent materials
- Ultrasound-assisted process
- Materials Transport Phenomenon
- Health care
- Biotechnology
- Sonochemistry
- Biomedical aevices
- Magnetic nanoparticles
- Photovoltaics & Photocatalysis
- Nanotechnology in Food & agriculture
- Industrial Safety and other relevant areas

ABSTRACT SUBMISSION

Abstract (not exceeding 250 words) can be submitted in a specified format available in the website. The last date for abstract submission is 20th Sep 2026 **Abstract Template:** <https://bit.ly/3WvktPy>

PAYMENT DETAILS

ACCOUNT NAME	Principal, Vinayaka Mission's Kirupananda Variyar Arts & Science College
ACCOUNT NUMBER	999012328
IFSC CODE	IDIB000P221
SWIFT CODE	IDIBINBB
BRANCH CODE	2409
BANK, BRANCH & ADDRESS	Indian Bank, Periyaseergapadi, Salem-636308

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- Dr. A. S. Ganesan, Chancellor, VMRFDU
- Shri. N. V. Chandrasekar, Vice President, VMRFDU

PATRONS

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- Prof.Dr. J. Sabarinathan, Pro-Vice Chancellor, VMRFDU

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- Prof. Dr. Christianna Singh, Director - School of Arts and Science, VMCC, VMRFDU

CONVENERS

- Prof. Dr. V. Anbazhagan, Principal, VMK V Arts & Science College, Salem, India
- Prof. Dr. Myong Yong Choi, Director of Core-Facility Center for Photochemistry and Nanomaterials, GNU, South Korea
- Prof. Dr. Soorathep Kheawhom, Professor, Dept. of Chemical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand

CORE COMMITTEE

- | | |
|----------------------------------|-----------------------------|
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| ➤ Dr. J. Theerthagiri, GNU | |

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- Prof. Myong Yong Choi, Director of the Core Facility Center for Photochemistry & Nanomaterials and Professor of Chemistry, GNU, South Korea
- Prof. Dr. Soorathep Kheawhom, Professor of Chemical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand
- Prof. Muthupandian Ashokkumar, Assistant Deputy Vice Chancellor International at the University of Melbourne & Professor of Physical Chemistry and Head of School of Chemistry, University of Melbourne, Australia
- Prof. Anongnat Somwangthanaroj, Professor of Chemical Engineering, Chulalongkorn University, Thailand
- Prof. Pau-Loke show, Professor of Chemical Engineering, Khalifa University, Abu Dhabi
- Prof. Werner M Nau, Dean for Natural Science, Jacobs University, Bremen, Germany
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- Dr. T. S. Shyju, Scientist-D, Sathyabama Institute of Science and Technology, Chennai, India
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- Prof. R. Renganathan, Professor (Rtd), Bharathidasan University, Tiruchirappalli, India
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- Dr. M. Asha Jhonsi, Assistant Professor, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, India
- Dr. A. Pandikumar, Senior Scientist, CSIR - Central Electrochemical Research Institute (CECRI)
- Prof. Kaustubh R.S. Priolkar, Senior Professor of Physics, Goa University
- Prof. Dr. S. Manivannan, Department of Physics, National Institute of Technology, Tiruchirappalli, India
- Dr. M. Karunakaran, Associate Professor, Department of Physics, Alagappa Government Arts College, Karaikudi, India
- Dr. Shankar Lal Garg, FRSC, FWRA, Ex Principal, Holkar Science College, Indore & Editor, Research



iNEEBA 2025 Awards

Chancellor's Award with Cash Prizes will be presented to the Best Presenters in three distinct categories: Energy, Environment, and Biomedical Applications

KEYNOTE SPEAKERS



Prof. Ganapati D. YADAV

(Padmashri Awardee) President – Indian Chemical Society
Emeritus Professor of Eminence, J.C. Bose National Fellow (Govt. of India)
Institute of Chemical Technology, Mumbai.

INVITED SPEAKERS



Prof. Dr. Myong Yong Choi

Director of Core-Facility Center
for Photochemistry and Nanomaterials,
GNU, South Korea.



Prof. Dr. Soorathep Kheawhom

Professor of Chemical Engineering
Faculty of Engineering
Chulalongkorn University, Thailand



Dr. J. Theerthagiri

Research Professor – Brain Pool Fellow
Core-Facility Center for Photochemistry
& Nanomaterials, Department of
Chemistry, GNU, South Korea.



Dr. Manunya Okhawilai

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Department of Chemical Engineering
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Dr. Chanon Pornrungrroj

Lecturer, Department of Chemical
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Chulalongkorn University, Thailand



**Prof. Dr. Anhar Abdel-Aziem
Mohamed**

Professor of Organic Chemistry
Faculty of Science, Al-Azhar University
Cairo, Egypt



Dr. Haim Cikurel

Environmental Engineering
Services Israel



Prof. Laurent Dufossé

Professor of Food Science and
Biotechnology
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Dr. V. Rajendiran

Associate Professor of Chemistry
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Prof. M. Velusamy

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Professor, Department of Physics
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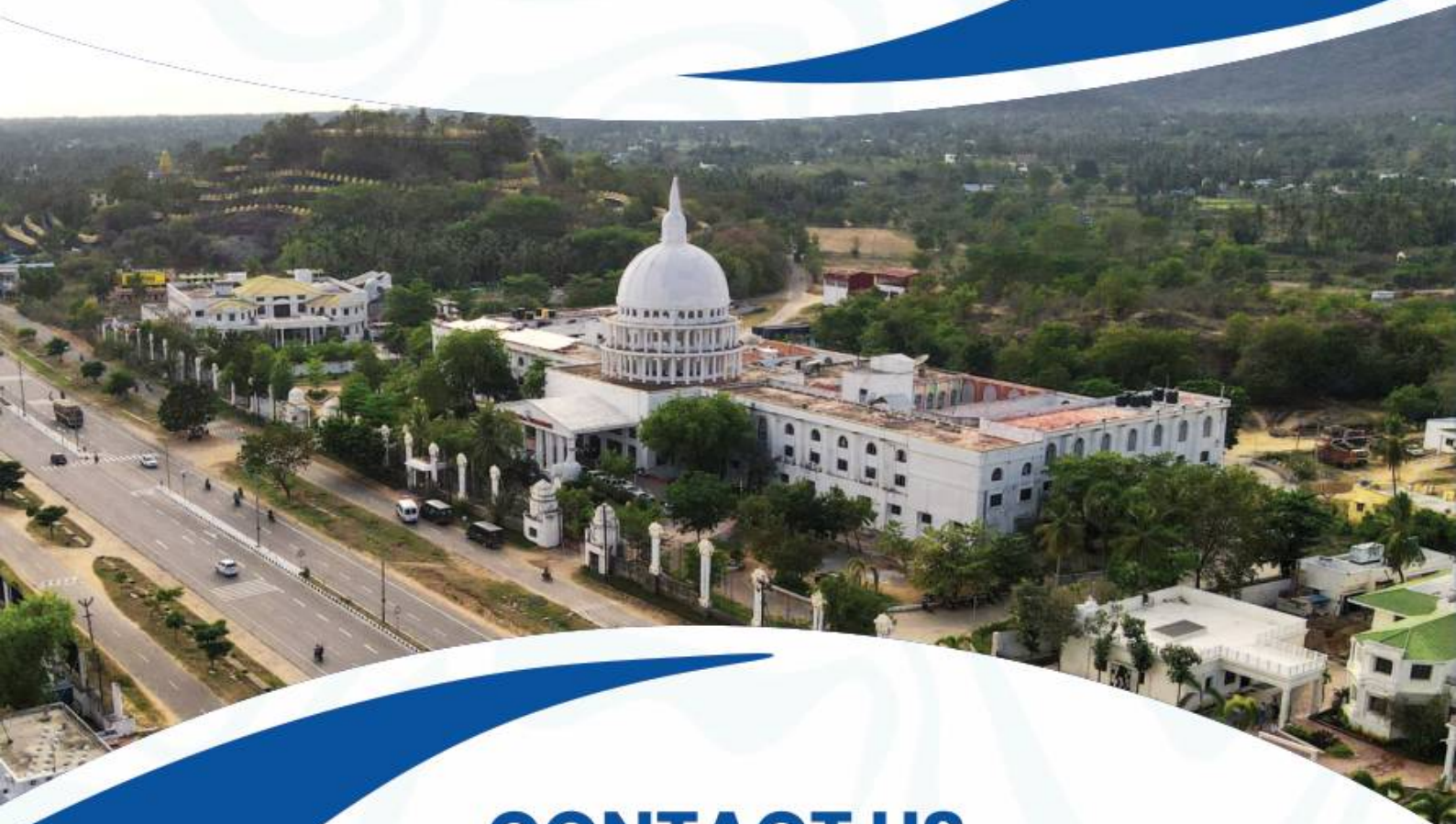
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Registration Link

<https://docs.google.com/forms/d/e/1FAIpQLSfxBCDNjlakIJrCAdb8-luYdA9IVUyWpLctyZ3dQFx2YvKXUw/viewform>



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