

Indo-South Korea-Thailand



INEEBA-2023

3rd International Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Applications (INEEBA-2023)

 1st & 2nd October 2023

 Vinayaka Mission's Research Foundation (Deemed to be University), Salem, Tamilnadu

Website: www.ineebavmkvasc.com

Participants can also present their oral presentation through online..

Organized by

Vinayaka Mission's Kirupananda
Variyar Arts and Science College
(A Constituent College of VMRF)
Salem, Tamil Nadu, India



VINAYAKA MISSION'S
RESEARCH FOUNDATION
Deemed to be University under section 3 of the UGC Act 1956



Publications

The Selected Papers will
be peer-reviewed and
published in Scopus
Indexed Journals



Springer



In collaboration with

Core-Facility Center for Photochemistry &
Nanomaterials, Gyeongsang National University (GNU),
South Korea
&
Department of Chemical Engineering
Chulalongkorn University, Thailand



CORE
Core-Facility Center for
Photochemistry & Nanomaterials



Chula
Chulalongkorn University

Registration URL : <https://forms.gle/HkRnw7pp4soeszRbA>

Email: ineebavmkvasc@vmu.edu.in

VINAYAKA MISSION'S RESEARCH FOUNDATION

Vinayaka Mission's Research Foundation (VMRF(DU)) had its inception in the year 1981 with the establishment of the Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal (TKVTSS) Medical Educational and Charitable Trust. In 1982, the Founder-Chancellor, Dr.A.Shanmugasundaram instituted the Vinayaka Mission's College of Pharmacy in Salem, the pioneer institution of Vinayaka Missions. In the year 2001 the "Deemed to be University" status was conferred on Vinayaka Missions by the Ministry of Human Resources Development, Government of India with the recommendations of the UGC Under Section 3 of the UGC Act, 1956 as an acknowledgement of its excellence, satisfaction of the highest level of academic standards and best infrastructural facilities provided to achieve pre-eminence in education and by virtue of this recognition, Vinayaka Missions transcended to become Vinayaka Mission's Research Foundation (VMRF) as the 48th University in India. VMRF(DU) 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 MISSIONS 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 (GC), 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 recognized for its world-class research capabilities in the fields of Life Sciences, Aerospace & Mechanical Engineering, and Nano & Advanced Materials, and is implementing various national projects. It also provides a high level of education through a systematic curriculum and creative convergence classes. In particular, in the Department of Chemistry, "Graduate School for Molecular Material Chemistry" has been selected as a research platform in the 4th stage Brain Korea 21 (BK21) project that aims to support and develop creative and future-oriented professionals who can promote regional development and the prestige of the country at the international level. By strengthening joint research inside and outside the project groups with domestic and excellent international researchers, GNU-Chem derives international level research results in the fields of eco-friendly nano-bio materials, medical diagnosis, catalysis, and optoelectronic materials. GNU Chem also aims to cultivate high-quality graduate students who will contribute to the development of national and regional science and technology. GNU is a global University that fosters outstanding talent through new ideas and innovative research, and as a National University that leads a regional innovation platform for a hopeful 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 solutions necessary for all research including the pre-treatment process, data collection, and data analysis, and serves as a mentor for systematic analysis and research for users. The Centre has created an independent space according to the characteristics of the equipment. 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 up-to-date undergraduate curriculum and produce engineers qualified to meet many challenges of the up and coming 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 2023

The 3rd International Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Applications (iNEEBA-2023) will be held during October 1-2, 2023. 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. This conference will encompass research advances across the field of agricultural science, inclusive of food science, plants / soil, animal science, human health and disease, and address safe deployment of nanotechnology in these areas with a view to public perception and policy. Nanomaterials are essential in the production of safe food, its preparation from farm to plate, and their use as cutting-edge agricultural tools for sustainable development. Thus, the conference on nanomaterials will serve as a multidisciplinary venue for talks and deliberations. The iNEEBA 2023 invites abstracts and full-length manuscripts in the thematic areas of material science and biomaterials for oral/poster presentations and peer-reviewed publications.



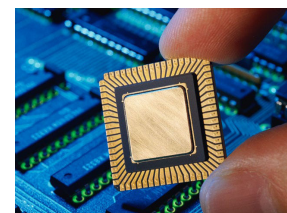
iNEEBA-2023

CONFERENCE THEMES

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

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



ABSTRACT SUBMISSION

Abstract (not exceeding 250 words) can be submitted in a specified format available in the website. The authors can submit abstract in any of the Topics mentioned in the conference themes. At least one author/co-author must register for presenting paper at the conference

REGISTRATION FEES

Category	Till 15 th Sep 2023	After 15 th Sep 2023
Students (UG / PG)	INR 1200	INR 1500
Scientist/ Research Scholars/ Faculties	INR 1500	INR 2000
Industrialist	INR 2000	INR 2500
Foreign Delegate	USD 100	USD 120

*Fee includes admission to all sessions, refreshments, lunches.

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- ▶ 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

ADVISORS

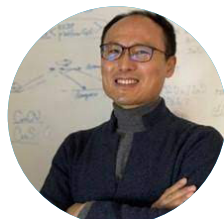
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- ▶ Dr. Cheol Joo Moon, GNU
- ▶ Dr. Gyeong-Ah Kim, GNU
- ▶ Mr. Juhyeon Park, GNU
- ▶ Dr. G. Durai, CU

INEBA 2023 Awards: Best presentations will be selected for "CHANCELLOR AWARD" with cash prize

SPEAKERS



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Prof. Dr. J. Theerthagiri
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Prof. Dr. Wanwisa Limphirat
Scientist, Synchrotron Light
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For Registration



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Venue : Vinayaka Mission's Research Foundation (Deemed to be University),
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