



# VINAYAKA MISSION'S RESEARCH FOUNDATION

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



## VINAYAKA MISSION'S KIRUPANANDA VARIYAR ARTS AND SCIENCE COLLEGE

A Constituent College of Vinayaka Mission's Research Foundation  
(Deemed to be University)



**Report of activities based on MoU between  
VMRFDU  
&  
Faculty of Engineering and Science, Chulalongkorn University, Thailand**

**MEMORANDUM OF UNDERSTANDING  
ON ACADEMIC AND RESEARCH COOPERATION  
BETWEEN  
CHULALONGKORN UNIVERSITY,  
FACULTY OF ENGINEERING AND FACULTY OF SCIENCE,  
THAILAND  
AND  
VINAYAKA MISSION'S RESEARCH FOUNDATION  
DEEMED TO BE UNIVERSITY, SALEM, TAMILNADU, INDIA**



VMRF DU signed MoU with Faculty of Engineering and Faculty of Science, Chulalongkorn University, Thailand on 15.07.2024. On behalf of VMRFDU, Pro Vice Chancellor Prof. Dr. J. Sabarinathan signed in the MoU and Assoc. Prof. Dr. Witaya Wannasuphopsit, Dean, Faculty of Engineering signed in the MoU on behalf of Chulalongkorn University.

The objective of the MoU is to develop academic and research exchange between the two Universities.

**Scope of this MoU**

1. Starting Semester Abroad Programme / Twinning Programme in the Faculty of Engineering & Science as per the Guidelines of UGC.

Deputing our Faculty / Research Associate / Research Scholar to

2. Chulalongkorn University, Thailand for carrying out Collaborative Research work for the period of 3 to 6 months.
3. Submitting Indo-Thailand Joint research projects to the government funding agencies.

# MOU ACTIVITIES

### Jointly organized International Conference

The SERB sponsored Indo-South Korea-Thailand **International Conference on Nanoscience and Nanotechnology for Energy, Environment, and Biomedical Applications (iNEEBA-2024)** was organized during Nov 8-9, 2024 by Vinayaka Mission's Kirupananda Variyar Arts and Science College, in collaboration with Core-Facility Centre for Photochemistry & Nanomaterials, Gyeongsang National University, Republic of Korea, Department of Chemical Engineering, **Chulalongkorn University**, Thailand. In this conference, **Prof. Dr. Soorathep Kheawhom**, Professor of Chemical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand delivered keynote lecture to the participants through online mode.



### Jointly Research Project (VMRFDU Seed money)

**SEED money project** entitled “*Enhanced Thermoelectric and Electrochemical Properties in  $\text{Sr}_{0.5}\text{Co}_{0.5}\text{Ti}_{0.75}\text{Nb}_{0.25}\text{O}_3/\text{Bi}_2\text{O}_3$  Oxide Nanocomposite: Exploring Lattice Thermal Conductivity and Charge Carrier Scattering Mechanisms*” has been sanctioned to one of our faculty in collaboration with Chulalongkorn University, Thailand.

### Student Exchange Programme

One of the full time Ph.D. candidate, Mr. A. Sureshkumar has been invited by Faculty of Engineering, Chulalongkorn University, Thailand for the period        months for collaborative research.