



# VINAYAKA MISSION'S RESEARCH FOUNDATION

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

## **VMRF(DU) Salem and Core-Facility Center for Photochemistry and Nanomaterials, Gyeongsang National University, Republic of Korea**

Vinayaka Mission's Research Foundation (Deemed to be University) (VMRF(DU)) in Salem, India, and Core-Facility Center for Photochemistry and Nanomaterials, Gyeongsang National University, Republic of Korea have signed Memorandum of Understanding (MoU) held on 24th November 2022.

### **The MoU focuses on several key areas:**

- Exchange among members for lab tour or collaborative research programs, etc,
- Exchange of information and materials,
- Joint research projects
- Exchange of Faculty and Students

# MOU ACTIVITIES



# **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**

**&**

**Core-Facility Center for Photochemistry and Nanomaterials,  
Gyeongsang National University, Republic of Korea**

**&**

**Department of Chemistry (BK21 Four),  
Gyeongsang National University, Republic of Korea**

### **Jointly organized International Conference**

Vinayaka Missions Kirupananda Variyar Arts and Science College, Salem and Core-Facility Center for Photochemistry & Nanomaterials at Gyeongsang National University in South Korea and Faculty of Engineering, Chulalongkorn University, Thailand jointly organised the 3<sup>rd</sup> International Conference on Nanoscience and Nanotechnology for Energy, Environment, and Biomedical Applications (iNEEBA-2023) during 1<sup>st</sup> and 2<sup>nd</sup> October 2023.





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**Department of Chemistry (BK21 Four),  
Gyeongsang National University, Republic of Korea**

## **1. Jointly organized International Conference**

Vinayaka Missions Kirupananda Variyar Arts and Science College, Salem and Core-Facility Center for Photochemistry & Nanomaterials at Gyeongsang National University in South Korea and Faculty of Engineering, Chulalongkorn University, Thailand jointly organised the 4<sup>th</sup> International Conference on Nanoscience and Nanotechnology for Energy, Environment, and Biomedical Applications (iNEEBA-2024) during 8<sup>th</sup> and 9<sup>th</sup> November 2024.



## 2. Report on visit to Gyeongsang National University, South Korea 07.10.2024 to 12.10.2024



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**Submitted by**  
**Prof. Dr. V. Anbazhagan**  
**Principal,**  
**Vinayaka Mission's Kirupananda Variyar Arts and Science College, Salem**

I am pleased to report on my recent visit to Gyeongsang National University's (GNU) Core-Facility Centre, South Korea, where I had the honor of serving as a short term visiting professor during 7.10.24 to 12.10.2024. Gyeongsang National University's (GNU) is one of ten Flagship Korean National Universities located in Jinju, South Korea. Core-Facility centre of GNU is specialized in photochemistry and nanomaterials. Our VMRFDU has entered a MoU with Department of chemistry & Core-Facility Center for Photochemistry and Nanomaterials, GNU during 2022. **Prof. Myong Yong Choi, Director** of Core-Facility Center for Photochemistry and Nanomaterials, GNU, South Korea, has delivered keynote address during our two series of Indo-South Korea-Thailand International Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Applications (iNEEBA 21 and iNEEBA 22) through online mode. Whereas, for iNEEBA 23 conference, **Director Prof. Choi**, came in person along with his team and delivered keynote address and shared his expertise.

The purpose of my visit was to deliver lectures and engage in academic exchange with researchers in the field of photochemistry. I would like to express my sincere gratitude to Gyeongsang National University for their warm hospitality and for providing financial assistance to support my visit. Their generosity greatly contributed to the success of this trip and my overall experience.

During my stay, I delivered two lectures, one on “*Investigations on Fluorescence Quenching of 2,3-Diazabicyclo[2,2,2]oct-2-ene by certain antioxidants and biomolecules*” and the other lecture on the “*Photochemistry and its applications*” and the participants showed great interest in the subject and asked thoughtful questions. In addition to my lecture, I participated in a series of meetings and discussions with **Prof. Myong Yong Choi, Director** and **other scientists** of Core-Facility Center for Photochemistry and Nanomaterials, GNU, South Korea. Also, I have performed experimental research related to laser spectroscopy and photochemistry and further characterized nanomaterials samples in connection with our research at VMRFDU. We explored potential areas for future collaboration, including research projects and publications. These interactions were insightful and provided a strong foundation for building long-term academic relationships between our institutions. We identified opportunities for future joint research projects between GNU and Vinayaka Mission’s Research Foundation, Salem. Prof. Choi will attend the iNEEBA 24 along with his team of Scientists during 8-9 Nov 24 and accepted to deliver keynote address.

I express my sincere and heartfelt thanks to the VMRFDU for their financial support, which played a significant role in the success of my visit. Overall, my visit was both productive and enriching, leaving me with lasting impressions of the academic community at Gyeongsang National University. I look forward to continuing the academic connections made during this visit and exploring future collaborations.

### **Photos of Visit to GNU, South Korea**

#### **Lecture I & II**







**At Research LAB**



### 3. Jointly organized International Conference

Vinayaka Missions Kirupananda Variyar Arts and Science College, Salem and Core-Facility Center for Photochemistry & Nanomaterials at Gyeongsang National University in South Korea and Faculty of Engineering, Chulalongkorn University, Thailand jointly organised the 5<sup>th</sup> International Conference on Nanoscience and Nanotechnology for Energy, Environment, and Biomedical Applications (iNEEBA-2025) during 13<sup>th</sup> and 14<sup>th</sup> October 2025.

