

# **Dr. Mahalingam College of Engineering and Technology, Pollachi-3.**

## **Office of Dean Research & Innovation**

### **Report on the “Knowledge Sharing Session on Research in Applied Sciences”**

**Date: 22.10.2024**

**Venue: C 103 – New Seminar Hall**

**Resource person: Dr. Prof. M. Alagar, PSG Institute of Technology & Applied Research, Coimbatore**

The Office of Dean, Research & Innovation organized the Knowledge Sharing Session on Research in Applied Sciences on **Tuesday, 22nd October 2024**. The session took place at **C103 - New Seminar Hall** from **2:30 p.m. to 4:00 p.m.**

The session was conducted by Dr. Prof. M. Alagar, Research Mentor at the Polymer Engineering Laboratory, Department of Chemistry, PSG Institute of Technology & Applied Research, Coimbatore. With extensive experience in applied sciences, Dr. Alagar provided valuable insights into the significance of research in this field and its various applications.

**Key Ideas:** Applied sciences play a crucial role in technological advancements by applying theoretical knowledge to real-world challenges. Interdisciplinary research fosters innovation in fields like nanotechnology, materials science, and biotechnology, offering new solutions to industry needs. Various funding sources and grants support applied research, enabling groundbreaking discoveries. Case studies have demonstrated significant industrial applications, particularly in healthcare, environmental sustainability, and engineering. Strong collaboration between academia and industry enhances research effectiveness, while international partnerships provide additional opportunities. Despite challenges in conducting applied research, emerging trends indicate promising future developments.

The session highlighted the importance of funding, industrial applications, and collaboration in advancing applied sciences. Researchers were encouraged to explore interdisciplinary partnerships and leverage available resources for impactful research. His expertise and insights inspired participants to explore new avenues in research and innovation.

Poster of the event:



**Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udumalai Road, Pollachi, Coimbatore District 642003  
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An Autonomous Institution Since 2011

**Office of Dean**  
**Research & Innovation**  
KNOWLEDGE SHARING SESSION  
ON  
**RESEARCH IN APPLIED SCIENCES**

**TUESDAY**  
22 October 2024

**TIME**  
2:30 p.m. – 4:00 p.m.

**RESOURCE PERSON**

**Dr. Prof. M. Alagar,**  
Research Mentor,  
Polymer Engineering Laboratory,  
Department of Chemistry,  
PSG Institute of Technology & Applied Research,  
Coimbatore

**VENUE**  
**C103- New Seminar Hall**

**Photos taken during the Session:**



*S. Prunkaveey*

**Dean R&I**

*[Signature]*

**Principal**

**--Sd--  
Secretary**