



**BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN,DINDIGUL**  
(Affiliated to Mother Teresa Women's University)  
Madurai Road , Begampur (P.O),Dindigul-624002

**REPORT ON INTERNATIONAL SEMINAR**

**“EMERGING TRENDS IN NANOSCIENCE AND TECHNOLOGY”**

Department of Chemistry organized one day international seminar on the topic “Emerging trends in nanoscience and technology” on 26<sup>th</sup> September, 2025 at 10.00 am in our college auditorium. The seminar started with prayer song sung by our department students. Resource persons of this seminar in Session I : Dr.M.Sheik Muhideen Badhusha, Associate Professor, Sadakathullah Appa College (Autonomus) Gandhigram, Tirunelveli; Session II : Dr.Karthik Kannan, Former Brain Pool Fellow Featured fifth consecutive time in the World's top 2% Scientists, Research Faculty National Chung Cheng University Chaiyi, Taiwan; Session III : Dr.P.Kalimuthu, Associate Professor, The Gandhigram Rural Institute – Deemed to be University, Gandhigram, Dindigul; Session IV: Dr. M.Mariyappan, Assistant Professor, Department of Physics, Kongu Engineering College Perundurai, Erode. The resource was honored by our College Secretary Rev.Sr.Dr.Nesa Soundram, and our Administrator Rev.Sr.Bartholomew. Welcome address was delivered by Dr.H.Thagira Banu, HOD of Chemistry and the Presidential address was given by our Principal Rev.Sr.Dr.Sirumalar.

Nano Science and technology has become a most important branch of science; and it has become a top rank field in academic research and technical discipline to real world across the field. It plays a role of inter-disciplinary bridge between various scientific and engineering discipline, creating innovative ideas and solutions. By keeping this as the main objective and it's applications as multidisciplinary areas in science and engineering fields, it has made us to organize this international

seminar with eminent speakers to explore their ideas and knowledge to the younger generation of students, scholars, faculty members, industrialist of multi discipline as a forum to be benefited.

After the inauguration, the sessions were started with seventy five registered participants from University and in different colleges. In Session I: Resource person shared his ideas and knowledge on the title” Advances in Nanotechnology for Catalysis and Sensing Applications”. After the Tea – Break the session was continued and in Session II: Resource person delivered his talk about on the title “Bifunctional Ni-Fe Sulfide – Mxene Electrocatalysts for Anion Exchange Membrane Water Electrolysis”.

After lunch, the Session III & IV were continued and in Session III: Resource person addressed on the topic “Molecular Aggregates for Solar Water Splitting”. In Session IV: Resource person expressed his ideas on the topic “Seeing the invisible: Modern Tools for Material Analysis”. We received good feedback from the participants were they got knowledge and import ants of Nano technology from the ideas of each resource persons where it made them to know the basics and applications in this particular field for their future studies and research. Vote of thanks was given by Mrs.J.Amirtha Sirumalar, Assistant Professor, Department of Chemistry in our college and finally the programme was ended with college anthem.

**SIGNATURE OF ORGANIZER**

**SIGNATURE OF PRINCIPAL**

## PHOTOS



**SIGNATURE OF ORGANIZER**

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