



GOVERNMENT COLLEGE MOKERI

DEPARTMENT OF CHEMISTRY



GOVERNMENT COLLEGE MOKERI

(Re – Accredited with “B+” Grade by NAAC)
(Affiliated to University of Calicut)
Mokeri P.O, Kozhikode



NATIONAL SEMINAR RECENT TRENDS IN NANOCHEMISTRY

1st & 2nd December 2023

Venue : Seminar Hall

Organized by
DEPARTMENT OF CHEMISTRY
GOVERNMENT COLLEGE MOKERI



RESOURCE PERSONS



Dr. Nygil Thomas
Assistant Professor
Department of Chemistry
Nirmalagiri college, Kannur



Dr. Surendran Parambadath
Assistant Professor
Department of Chemistry
Sree Neelakanda Govt. Sanskrit College
Pattambi, Palakkad



Dr. Mini Mol Menamparambath
Assistant Professor
Department of Chemistry
National Institute of Technology
Calicut



Dr. Arya J S
Assistant Professor
School of Advanced Sciences
Vellore Institute of Technology
Vellor

Sponsored by:
Directorate of Collegiate Education, Govt. of Kerala



GOVERNMENT COLLEGE MOKERI

DEPARTMENT OF CHEMISTRY

NATIONAL SEMINAR ON “RECENT TRENDS IN NANOCHEMISTRY”

The national seminar was a grand success in terms of participation and standards of presentations of the resource persons. This workshop really helped teachers and students from other colleges as well as the teachers and students of the department of chemistry of our college to gain knowledge in the field of nanochemistry. Nanochemistry is a dynamic and interdisciplinary field at the forefront of scientific research exploring phenomena at the nanoscale. This branch of chemistry investigates the unique properties of materials at the nanoscale, often exhibiting distinctive behaviours compared to their macroscopic counterparts. The applications of nanochemistry span various domains, including medicine, electronics, and energy.

Initially a welcome speech was given by Mr. Sajeesh Kumar V K, HOD Department of Chemistry. Presidential address was given by the principal. Then the national seminar was inaugurated by Dr. Nygil Thomas. Smt. Anagha K expressed vote of thanks.



Presidential address by Principal



Inaugural address by Dr. Nygil Thomas

The first session was handled by Dr. Nygil Thomas. He talked about the role of nanochemistry in future energy challenges. He grabbed the attention of the students through discussions about the existing problems of pollution and the importance of nanocatalysis in the field of renewable energy sources. Then in the afternoon session Dr. Surendran Parambadath interacted with students regarding the scope and recent trends in chemistry. He motivated the students to pursue higher education and career opportunities in chemistry worldwide. He made them aware about universities in different countries and the admission processes to such universities. The next day, for the morning session the resource person was Dr. Mini Mol Menamparambath from NIT Calicut. She delivered her talk with the title of ‘Chemistry of Immiscible Liquid Interfaces in Tuning the Morphology of Nanomaterials’. The session was very informative and the students interacted with her and asked questions regarding nanochemistry. In the afternoon session, Dr. Arya J S gave a



GOVERNMENT COLLEGE MOKERI

DEPARTMENT OF CHEMISTRY

lecture on the topic 'Carbon-based Novel Nanostructures: Design, Synthesis and Applications'. She discussed the fundamentals of nanochemistry and then interacted with students regarding the topic.



Talk by Dr. Nygil Thomas



Talk by Dr. Surendran Parambadath



Talk by Dr. Mini Mol Menamparambath



Talk by Dr. Arya J S