

National Conference

Advances in Materials Chemistry

Activity Report

Proceedings

ADMAC I

National Seminar on Advances in
Materials Chemistry

15th -17th October 2014

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Kerala-689122, India

A Report on the National Seminar on Advances in Materials Chemistry organized by the Department of Chemistry on 15th to 17th of October 2014

The national seminar organized with an intention of promoting and encouraging interdisciplinary interactions, particularly between chemistry and other areas of science was inaugurated by Dr. KGK Warriar, CSIR Emeritus Scientist, NIIST. After the inaugural session and tea break Dr. Warriar who is a renowned materials Scientist presented the key note address which was followed oral presentations from researchers probing the areas of materials physics and chemistry. The sessions after lunch had Suraj S, Scientist VSSC speaking on Polymers for space applications and Dr. Rajeev S Menon from IICT, Hyderabad on synthesis of heterocycles for materials science applications. After the invited lectures of the session there were 3 oral presentations by researchers.



Second day of the seminar held three invited talks. Dr. K.K. Muhammed Yusuff, KSCSTE Emeritus Scientist and Professor (Retd) from CUSAT on application of metal complexes, Dr. K.K. Abdul Rasheed, Vice President R&D (Retd) and Technical Consultant of Sud Chemie India Ltd on aspects of supported nickel catalysts for steam hydrocarbon reforming and Dr. S. Prathapan, Professor at CUSAT on Monomer design and synthesis.



There were also 5 oral presentation by researchers and 2 presentations by post graduate students based on their project work the same day. The third day of the seminar began with Prof. B. Rajakumar of IIT-Madras talking

on Global warming and what a chemist could do about it.



The talk was followed by oral presentations again and a talk by Dr. Nithin M of Amity University, New Delhi. Awards for best oral presentation and student were given away by Prof. Rajakumar during the valedictory session in the afternoon.

Based on feedback from the participants we could conclude that on a whole the seminar provided a platform for students and faculty of different institutes to come to a common platform and exchange their ideas. The presence of faculty members from prestigious institutes and industry and their interaction with the faculty as well as higher authorities of the college has immensely benefitted in terms of new methodologies and innovative ideas. The faculty had an excellent opportunity to update their knowledge and learn about new arenas in the field of materials chemistry from exponents in the field. Students were the ones who were greatly benefitted from the event. They were exposed to the exciting areas of research and technological events taking place in higher institutes of learning, research and industry which has profoundly changed their outlook. They had a free interaction with students and researchers from other institutes which they claim to have freshened them up. Further, they had a hands-on experience in the organizing and conduct of a national event which seems to have boosted their confidence. Having persons with several years of industrial experience to interact with the audience gave an idea on how basic research and industrial research differs and agrees. It also helped in understanding the application of technology and science in industry. The seminar proceedings were published with ISBN 978-93-5196-302-8.