



D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)

(Affiliated to Thiruvalluvar University)

Accredited by NAAC with 'A' Grade

Sainathapuram, Vellore-1.

II-INTERNATIONAL CONFERENCE

ON

"ADVANCES IN CHEMICAL AND BIOLOGICAL SCIENCES" (ACBS - 2024)

Organized by

PG & RESEARCH DEPARTMENT OF CHEMISTRY

Date : 10.01.2024 (Wednesday)

- VENUE :** D- BLOCK CONFERENCE HALL
- REGISTRATION :** 9.00 am
- INAUGURAL SESSION :** 9.30 am - 10.15 am
- PRAYER**
- WELCOME ADDRESS :** **Dr. S.SANTHA LAKSHMI**
Associate Professor of Chemistry
- THEME OF THE CONFERENCE :** **Dr. N.DHANAM**
Assistant Professor of Chemistry
- PRESIDENTIAL ADDRESS :** **Dr. R.BANUMATHY, Ph.D.,**
Principal, D.K.M College for Women
- FELICITATIONS :** **Dr. T.SIVAKUMAR, M.A.,**
President, D.K.M College for Women
- : Thiru. D.MANINATHAN, B.E.,**
Secretary, D.K.M College for Women
- : Prof. A.JAYA**
Former Principal, DKMC, Vellore.
- : Dr. N.THENMOZHI**
Former HOD, Department of Chemistry.
- INTRODUCTION OF THE CHIEF GUEST :** **Dr. N.DHANAM**
Assistant Professor of Chemistry
- KEY NOTE ADDRESS :** **Dr. P.N.SUDHA, Ph.D.,**
Former Principal,
Director DKMCFRI, D.K.M. College for Women, Vellore.
- VOTE OF THANKS :** **Dr. S.SASHIKALA**
Assistant Professor of Chemistry
- REFRESHMENT :** 10.15 am - 10.30 am

INTERNATIONAL CONFERENCE ON “ADVANCES IN CHEMICAL AND BIOLOGICAL SCIENCES” (ACBS-2024)

PG & Research Department of Chemistry organized the International Conference on “Advances in Chemical and Biological Sciences” on 10th January 2024. More than 250 delegates from various Institutions and companies registered to participate in the conference. The inaugural session was started with the prayer song followed by lighting the Kuthuvilaku by the dignitaries on the dias. Dr. S. Santha Lakshmi, Assistant Professor of Chemistry welcomed the gathering. The presidential address was given by Dr. R. Banumathy, Principal, D.K.M College for Women (Autonomous), Vellore-1. She appreciated the PG & research Department of Chemistry for conducting the International Conference and she highlighted the importance of research, and also encouraged the students to take part in research in future.

The theme of the conference was presented by Dr. N. Dhanam, organising secretary of the conference. She highlighted the importance of the advances in chemical and biological sciences. She also emphasized the importance of interdisciplinary research which allows the students to learn by creating connections between the ideas and concepts from many disciplines such as Biological Sciences, Physical Sciences, Material Sciences and Polymer Sciences. The souvenir was released by Dr. Vijayakumar Sekar, Research Professor, Marine College, Shandong University, Weihai, China and it was received by Dr. R. Banumathy, Principal and all faculty members. The Keynote address was given by Dr. P.N Sudha, Director, DKMCFRI. She also appreciated the PG & research Department of Chemistry for conducting the International Conference and she has asked the students to come to research. She gave an inspiring talk.

In the first technical session, the chief guest Dr. Vijayakumar Sekar was welcomed and introduced by Dr. R. Arunadevi, Assistant Professor of Chemistry. He delivered lecture on the topic “Advanced Biological Applications of Bio-wrapped Synthesis Nanomaterials”. He explained the importance of the study of the nanomaterials in organic and inorganic reactions. He also explained the designing, synthesis of nanomaterials and its applications in various fields. Ms. E. Swetha, Assistant Professor of Chemistry, proposed the vote of thanks for his enthusiastic talk and motivations for the women students to become a researcher in industry. She also thanked the participants for their outstanding interactions.

In the second technical session, Dr. T. Gomathi, Assistant Professor of Chemistry welcomed and introduced the Chief guest Dr. N.S.K. Gowthaman, Post-Doctoral Researcher,

School of Engineering, Monash University, Malaysia. He delivered lecture on the topic “Facile synthesis and Fabrication of Au-based Bimetallic Nanostructures for Electrochemical Sensing and Energy Conservation Applications” through Google meet. He explained the preparation and application of active biomaterials and its applications in pharmaceutical, environmental and industrial field. Ms. R. Sindhu, Assistant Professor of Chemistry proposed the vote of thanks. Totally 45 abstracts were accepted to publish in the souvenir and the scholars were called to present their papers in the conference. Dr. K. Geetha, Head & Assistant Professor of Chemistry, Muthurangam College for Arts, Vellore and Dr. Suganthakumari, Assistant Professor of Chemistry, Auxillium College, Vellore acted as judges for the oral paper presentation.

In the valedictory session, Dr. J. Annie Kamala Florence, Ph.D., Principal, Voorhees College, Vellore gave valedictory address and distributed the prizes and certificates to the winners. Teachers are the guiding lights who lead us on the path of knowledge and wisdom. As per the quote of “A good teacher is like a candle, it consumes itself to light the way for others”, Teaching has always been considered as a noble profession. No good teacher looks for their own success and endeavor. They always have their students present and future in mind. Keeping in mind, PG and Research Department of Chemistry, D.K.M. College for Women, Vellore dedicated this International Conference to our beloved madam Dr. M. Nagarathinam, Head and Associate Professor of Chemistry for her devotion, hard work, tireless dedication, unwavering support throughout her journey of teaching profession and above all the proficient administrator of the department.

Totally 101 participants of research scholars and staff from other colleges, specially 43 male participants and 150 students from our college were participated in this conference. The feedback form was distributed to the students and outside participants. The participants mentioned that the invited lectures and the paper presentation sessions were highly informative for the students as well as for the researchers.

They appreciated the hospitality and the arrangements made by the department. Finally the Vote of thanks was given by Dr. M. Nagarathinam, Head of the Department of Chemistry. She thanked each and every one who had contributed to make the conference a grand success. She personally extended her thanks to the invited chief guests, judges, colleagues, souvenir committee members, audio-visual supporter, photographer, Professors from various Colleges and students for gracing the occasion a grand success. Finally the conference ended with the National Anthem.