

5. NATIONAL CONFERENCE ON “EMERGING TRENDS IN CHEMICAL AND BIOLOGICAL SCIENCES”



# D.K.M. COLLEGE FOR WOMEN

(AUTONOMOUS)  
Sainathapuram, Vellore - 632 001.

## DEPARTMENT OF CHEMISTRY

### VI - NATIONAL CONFERENCE

ON  
‘EMERGING TRENDS IN CHEMICAL  
AND BIOLOGICAL SCIENCES’ (ETCBS - 2019)

6<sup>th</sup> December 2019 (Friday)

VENUE : D- BLOCK CONFERENCE HALL

REGISTRATION : 9.00 am

INAUGURAL SESSION : 10.00 am

PRAYER

WELCOME ADDRESS : **Dr. M.NAGARATHINAM,**  
*Head & Associate Professor of Chemistry*

THEME OF THE CONFERENCE : **Dr. S.SANTHA LAKSHMI,**  
*Assistant Professor of Chemistry*

PRESIDENTIAL ADDRESS : **Dr. P.N.SUDHA,**  
*Principal, D.K.M College for Women*

FELICITATION : **Dr. T.SIVAKUMAR, M.A.,**  
*President, D.K.M College for Women*  
**Thiru D.MANINATHAN, B.E.,**  
*Secretary, D.K.M College for Women*  
**Dr. N.THENMOZHI,**  
*Former Head & Associate Professor of Chemistry  
D.K.M College for Women, Vellore.*

RELEASE OF SOUVENIR

VOTE OF THANKS : **Dr. N.DHANAM,** *Assistant Professor of Chemistry*

TEA BREAK : 11.00 am - 11.15 am

TECHNICAL SESSION-I : 11.15 am - 12.00 pm

CHAIRPERSON : **Dr. S.SASHIKALA,** *Assistant Professor of Chemistry*

TOPIC : "Nanoscience and Nanotechnology in Daily Life"

RESOURCE PERSON : **Dr. M.MAMATHA KUMARI,**  
*Assistant Professor,  
 Department of Materials Science and Nanotechnology,  
 Yogi Vemana University, Kadapa - 516 003,  
 Andhra Pradesh, India.*

VOTE OF THANKS : **Dr. D.SHAKILA,** *Assistant Professor of Chemistry*

ORAL /POSTER PRESENTATION : 12.00 pm - 1.00 pm

CHAIRPERSON : **Dr. M.DEEPA,** *Assistant Professor of Chemistry,  
 Muthurangam Govt. Arts College, Vellore.*

LUNCH : 1.00 pm - 2.00 pm

TECHNICAL SESSION-II : 2.00 pm - 2.45 pm

CHAIRPERSON : **Dr. T.GOMATHI,** *Assistant Professor of Chemistry*

TOPIC : 'Synthesis and Applications of Heterocycles"

RESOURCE PERSON : **Dr. S.SARVESWARI,**  
*Professor, Organic Chemistry Division,  
 Centre for Organic and Medicinal Chemistry,  
 Vellore Institute of Technology, Vellore,*

VOTE OF THANKS : **Dr. R.ARUNADEVI,** *Assistant Professor of Chemistry*

ORAL /POSTER PRESENTATION : 2.45 pm - 3.45 pm

CHAIRPERSON : **Dr. A.VIDHYA,**  
*Head & Assistant Professor of Microbiology,  
 D.K.M. College for Women, Vellore.*

VALEDICTORY SESSION : 4.00 pm

WELCOME ADDRESS : **Mrs. J.SARANYA,** *Assistant Professor of Chemistry*

CHIEF GUEST : **Mrs. SASIKALA AMARASURYA,**  
*Former Head & Associate Professor of Chemistry  
 D.K.M. College for Women, Vellore.*

VOTE OF THANKS : **Mrs. R.BHARATHI PRIYADHARSINI,**  
*Assistant Professor of Chemistry*

#### ORGANIZING COMMITTEE

Chief Patron : **Thiru. D.Maninathan,** Secretary, DKMC.

Patron : **Dr. T.Sivakumar,** President, DKMC.

Chairperson : **Dr. P.N.Sudha,** Principal, DKMC.

Convenor : **Dr. M.Nagarathinam**

Organising Secretaries : **Dr. S.Santha Lakshmi**  
**Mrs. R.Bharathi Priyadarshini**

Treasurer : **Dr. S.Sashikala**

Souvenir Committee : **Dr. T.Gomathi, Dr. N.Dhanam,**  
**Dr. R.Arunadevi, Mrs. J.Saranya,**  
**Dr. D.Shakila**

*All are Cordially Invited...*

**The Management, Principal, Staff and Students, Department of Chemistry**

The National Level Conference on “Emerging trends in Chemical and Biological Sciences” was conducted by the Department of Chemistry on 6<sup>th</sup> December 2019.

200 students of this college and more than 50 candidates from the neighbouring colleges participated in the conference. The inaugural session was started with the prayer song and lighting the Kuthuvillakku.

Dr.M.Nagarathinam, Head of the Department of Chemistry welcomed the gathering. Dr. S.Santha Lakshmi, Organizing secretary described about the theme of the conference. Dr. P. N. Sudha, Principal gave the presidential address. The souvenir was released by the Chief guest Dr.M.Mamatha Kumari, Assistant Professor, Department of Materials Science and Nanotechnology, Yogi Vemana University, Kadapa. Inaugural address was given by Dr.N.Thenmozhi, Former Head of the Department of Chemistry, DKM College for Women, Vellore.

In the first technical session, Dr.M.Mamatha Kumari delivered a lecture on the topic “Nanoscience and Nanotechnology in Daily Life” She explained about the technology and methods that used in Nanoscience and Nanotechnology in our daily life.

In the second technical session, Dr. S.Sarveswari, Professor, Organic Chemistry Division, VIT, Vellore delivered a lecture on the topic “Synthesis and Applications of Heterocycles”. She explained about different methods of synthesis of Heterocycles and the importance of heterocyclic compounds in various fields.

Totally 30 abstracts were accepted and published in the souvenir and they were called upon to present their research articles in the conference. Both the technical session were followed by paper presentations. Dr. M. Deepa, Assistant Professor of Chemistry, Muthurangam Govt. Arts College, Vellore and Dr. A. Vidya, Head of the Department of Microbiology, D.K.M. College for Women, Vellore judged the presentations on the basis of innovations, way of presentation, characterization and applications of their work.

In the valedictory session, welcome address given by Mrs.J.Saranya, Assistant Professor of Chemistry. Mrs.Sasikala Amarasurya, Former Head of the Department of Chemistry, DKM College for Women, Vellore was the chief guest. While addressing the gathering she explained

about the role of technologies especially Chemistry in day to day life. Prizes were given to the winners of both the oral as well as poster presentations and certificates were distributed to the participants.

The feedback was given by the participants from various institutions. They appreciated the excellent arrangements and hospitality rendered by the Department of Chemistry and asked to continue such an events in the forthcoming years also. The conference ended with the National Anthem.





- nanosized particles exhibit different properties than larger particles of the same substance
- As we study phenomena at this scale we
  - Learn more about the nature of matter
  - Develop new theories
  - Discover new questions and answers in many areas, including health care, energy, and technology
  - Figure out how to make new products and technologies that improve people's lives