


2. NATIONAL CONFERENCE EMERGING TRENDS IN CHEMICAL AND BIOLOGICAL SCIENCES (ETCBS-2018)



**D.K.M. COLLEGE FOR WOMEN**  
(AUTONOMOUS)  
Sainathapuram, Vellore - 632 001.

**DEPARTMENT OF CHEMISTRY**

**IV - NATIONAL CONFERENCE**  
ON  
**EMERGING TRENDS IN CHEMICAL  
AND BIOLOGICAL SCIENCES (ETCBS- 2018)**

**05.01.2018 (Friday)**

Venue : D-Block Conference Hall

09.00 am : Registration

10.00 am : Inaugural Session

Prayer

Welcome Address : **Dr. N.THENMOZHI**, M.Sc.Ed., M.Phil., Ph.D.,  
Head, Department of Chemistry

Theme of the Conference : **Dr. M.NAGARATHINAM**, M.Sc., M.Phil., Ph.D.,  
Associate Professor of Chemistry.

Presidential Address : **Dr. P.N.SUDHA**, M.Sc., M.Ed., M.Phil., Ph.D.,  
Principal, D.K.M. College for Women.

Inaugural Address : **Dr. K.SUBRAMANIAM**, Ph.D.,  
Associate Professor of Chemistry,  
Islamiah College, Vaniyambadi.

Felicitations : **Thiru. D.MANINATHAN**, B.E.,  
Secretary, D.K.M. College for Women.  
**Dr. T.SIVAKUMAR**, M.A.,  
President, D.K.M. College For Women.

Vote of Thanks : **Dr. T.GOMATHI**, Ph.D.,  
Assistant Professor of Chemistry.

11.00 am -11.15 am : Tea Break

11.15 am – 12.00 pm : **TECHNICAL SESSION-I**

Topic : "Process Chemistry: Introduction and Innovation"

Resource Person : **Dr. M.SURESH BABU**, M.Sc., Ph.D.,  
Scientist, Dr.Reddys Laboratories Ltd, Hyderabad.

12.00 pm - 1.00 pm : Oral / Poster Presentation

1.00 pm -2.00 pm : Lunch

2.00 pm – 2.45 pm : **TECHNICAL SESSION-II**  
Topic : **"Newer Chemical entities as therapeutic agents"**  
Resource Person : **Dr. M.G.SETHURAMAN, M.Sc., Ph.D.,**  
Professor of Chemistry & Director, IQAC,  
Gandhigram Rural Institute,  
Gandhigram, Dindigul District,  
Tamil Nadu, India.  
2.45 pm -3.45 pm : Oral / Poster Presentation  
3.45 pm – 4.00 pm : Tea Break  
4.00 pm : Valedictory Session  
Vote of Thanks : **Dr. S.SANTHALAKSHMI, M.Sc.,B.Ed., M.Phil., Ph.D.,**  
Assistant Professor of Chemistry.

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**ORGANIZING COMMITTEE**

Patrons : **Dr. T.SIVAKUMAR,**  
President, NKM Trust.  
**Thiru. D.MANINATHAN,**  
Secretary  
Chair Person : **Dr. P.N.SUDHA, Principal**  
Convenor : **Dr. N.Thenmozhi (Cell No: 9486464795)**  
Organising Secretaries : **Dr. M.Nagarathinam (Cell No: 9486726445)**  
**Dr. T.Gomathi**  
: **Dr. S.Sashikala**  
Treasurer : **Dr. S.Santha Lakshmi**  
Members : **Dr. N.Dhanam**  
**Dr. K.Vijayalakshmi**  
**Mrs. J.Saranya**  
**Mrs. G.Aswini**  
**Mrs. R.Bharathi Priyadarshini**

The Management, Principal, Staff and Students  
Department of Chemistry

*All are Cordially Invited...*



**D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE- 1**

**REPORT OF THE IV- NATIONAL CONFERENCE**

**5<sup>TH</sup> JANUARY 2018**

The national level conference on "Emerging trends in Chemical and Biological Sciences" was conducted by the department of chemistry on 5<sup>th</sup> January 2018 under UGC autonomous fund.

More than 185 delegates from various institutions and companies and 255 candidates from the host college registered to participate in the conference. The inaugural session was started with the prayer song and lighting the kuthuvillakku.

The welcome address was given by Dr. N. Thenmozhi, HOD of chemistry. Dr. M. Nagarathinam, Organising secretary explained about the theme of the conference. Dr. P. N. Sudha, Principal gave the presidential address. The souvenir was released by our secretary Thiru D. Maninathan.

Dr. K. Subramani, Associate Professor of chemistry, Islamiah College, Vaniyambadi delivered the inaugural address. Our secretary Thiru D. Maninathan felicitated the gathering. Dr. T. Gomathi, Assistant Professor of Chemistry gave vote of thanks.

The first key note address on the topic "Newer Chemical Entities as Therapeutic Agents" was delivered by Dr. M. G. Sethuraman, Professor of Chemistry and Director, IQAC, Gandhigram Rural Institute, Dindigul. He explained about the quantitative molecular modeling and data search which are the methods of Computer Aided Drug Design (CADD).

The second key note address on the topic "Process Chemistry: Introduction and Innovation" was delivered by Dr. M. Suresh Babu, Scientist, Dr. Reddy's Laboratories Limited, Hyderabad. He explained about the development of Active Pharmaceutical Ingredients (API) which involves convergent synthesis with multiple steps. He explained about the process feasibility and process optimization which are the sequence of steps involved in the development of any API.

Totally 52 abstracts were accepted and published in the souvenir and they were called upon to present their research articles in the conference. It is decided to

publish the research papers in World Journal of Pharmaceutical Research. The paper presentation was started in the afternoon session. 15 research papers were presented by the research scholars. There were 15 poster presentations. The presentations were judged by the judges on the basis of innovations, way of presentation, characterization and applications of their work.

The valedictory session was started with the welcome address given by Dr. N. Dhanam, Assistant Professor of Chemistry. Dr. P. N. Sudha, Principal, D. K. M. College, Vellore gave valedictory address and distributed the prizes for the prize winners and certificates for the participants from various institutions.

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 this in the forthcoming years also. The conference ended with the National Anthem.

**Thank You**





