

4. RECENT TRENDS IN CHEMICAL AND BIOLOGICAL SCIENCES

2.00 pm – 3.00 pm : **TECHNICAL SESSION-II**
Topic : "Structural characterization of drug substances
by using modern spectroscopic techniques"
Resource Person : **Dr. K.PARTHASARATHY**, M.Sc., M.Phil., Ph.D.,
Research Officer,
Siddha Central Research Institute,
Central Council for Research in Siddha,
Ministry of Ayush, Arumbakkam, Chennai.
3.00 pm -3.15 pm : Tea Break
3.15 pm – 4.00 pm : Paper Presentation
4.00 pm-5.00 pm : Valedictory Session
Vote of thanks : **Dr. S.SANTHA LAKSHMI**, M.Sc., B.Ed., M.Phil., Ph.D.,
Assistant Professor of Chemistry.
National Anthem

ORGANIZING COMMITTEE

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

All are cordially Invited...



D.K.M. COLLEGE FOR WOMEN

(AUTONOMOUS)

Sainathapuram, Vellore - 632 001.

DEPARTMENT OF CHEMISTRY

takes great pleasure in inviting you to the

UGC Autonomous Funded

III - NATIONAL CONFERENCE

on

RECENT TRENDS IN CHEMICAL AND BIOLOGICAL SCIENCES

(In Commemoration of National Science Day)

2nd March, 2017

Management
Principal
Staff and Students

Dear Sir/Madam,

We take immense pleasure in inviting you to participate in the III-National Conference on "Recent Trends in Chemical and Biological Sciences" organized by the Department of Chemistry. As chemical and biological sciences are recognized as advanced course which touches all fields of science, we would like to impart knowledge about this subject to multi-disciplinary science students of UG, PG and research scholars and to motivate them for further research and development.

Host Institution

Dhanabagiyam Krishnaswamy Mudaliar College for Women, established in 1972 was founded by Late Sri. N. Krishnaswamy Mudaliar, fondly remembered as Vellore Vallal. Since its inception, the College has been a front runner in providing quality education to women students of Vellore and neighbouring districts. The college has 17 UG courses, 12 PG courses and 10 departments are offering research programmes.

Objectives

The National Conference has been organized to discuss the advancements in the field of chemical and biological sciences. During the conference we expect collaboration at a national level, among experts in the fields and we hope that the knowledge shared will be immensely useful to budding scientists and research scholars.

Participants

We anticipate participants from all over the country to attend the conference. Faculty members, research scholars, post-doctoral fellows, PG and UG students of science departments are invited to attend the programme. It is our ardent hope that technical sessions will meet your expectations and reflect the importance of the theme.

Objectives of the Conference

- To enhance the students with the knowledge of recent advances in chemical and biological sciences.
- To create awareness on implementation of chemical and biological materials in various applications.
- To impart interest in students to explore the research field.

Topics for Paper and Poster presentation

- Nanoscience
- Bioinorganic chemistry
- Polymer science
- Green chemistry
- Coordination Chemistry
- Crystallography
- Organic synthesis
- Electrochemistry
- Phytochemistry
- Bioorganic chemistry
- Pharmaceutical chemistry

Paper Submission

Participants should send the abstract not exceeding 250 words in the format mentioned below via e mail to chemistrydkmca@gmail.com. The DD along with the registration form may send to the organizing secretary.

Font Type : Times New Roman

Font Size : Title (14), Bold,

Name of the authors (12), Bold Text (12)

Presentation : Oral/Poster

Last date of submission of Abstract : 18.02.2017

Registration details:

Participants and accompanying members are requested to send the registration form so as to reach us on or before 18.02.2017.

Registration fee :

Faculty : Rs.250/-

Students/Research Scholars : Rs 200/-

Registration fee includes, registration kit, working lunch, forenoon and afternoon tea only. Payment should be made in the form of DD drawn in favour of "The Principal, D.K.M. College for Women, Vellore-1" (Spot registration will also be done).

PROGRAMME SCHEDULE

02.03.2017 (Thursday)

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. K.VIJAYALAKSHMI , M.Sc., M.Phil., Ph.D., Assistant Professor of Chemistry.
Presidential Address	:	Dr. P.N.SUDHA , M.Sc., M.Ed., M.Phil., 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.
Vote of Thanks	:	Dr. M.NAGARATHINAM , M.Sc., M.Phil., Ph.D., Associate Professor of Chemistry.
11.00 am -11.15 am	:	Tea Break
11.15 am – 12.15 pm	:	TECHNICAL SESSION-I
Topic	:	"Designing novel chiral molecules for asymmetric organocatalysis"
Resource Person	:	Dr. C.R.RAMANATHAN , M.Sc., Ph.D., Assistant Professor, Department of Chemistry, School of Physical, Chemical & Applied Sciences, Pondicherry University, Kalapet, Puducherry.
12.15 pm - 1.00 pm	:	Paper Presentation
1.00 pm -2.00 pm	:	Lunch

The National Conference on “**Recent Trends in chemical and Biological Sciences**” was conducted by the Department of Chemistry on 2nd March 2017 (Friday) funded by UGC-Autonomous.

More than 300 delegates from various Institutions and companies registered to participate in the conference. The inaugural session was started with the prayer song by UG Chemistry Students followed by lighting of the Kuthuvilaku by the dignitaries.

Dr.N. Thenmozhi, Head of the Department of Chemistry, delivered the welcome address in which she expressed her sincere gratitude to the chief guests Dr.C. Ramanathan, Assistant professor of Chemistry, School of Physical, Chemical and Applied Sciences, Pondicherry University, Dr.K. Parthasarathy, Research Officer, Siddha Central Research Institute, Central Council for Research in Siddha, Ministry of Ayush,

Arumbakam, Thiru.D.Maninathan, Secretary and Dr.P.N.Sudha, Principal, D.K.M College for Women (Autonomous), Vellore-1. She also welcomed the gathering.

The presidential address was delivered by Dr.P.N Sudha, Principal, D.K.M College for Women (Autonomous), Vellore-1. Madam highlighted the importance of women empowerment, women noble laureates and also encouraged the students to take up research in future. She also appreciated the Department of Chemistry for conducting the conference in a short duration of time.

The theme of the conference was presented by Dr.K.Vijayalakshmi, Assistant Professor of Chemistry. She highlighted the quotes of Edward Teller: “Science of today is the technology of tomorrow”. She emphasized the importance of celebrating National Science Day, on 28th February, in commemoration with the discovery of Raman Effect by Indian Physicist Sir Chandrashekhara Venkata Raman. She added that this conference will pave an ideal platform for the youth to share and discuss recent findings in research.

The souvenir was released by the Secretary Thiru.D. Maninathan and it was received by the chief guest Dr. C. Ramanathan and Dr.P.N. Sudha, Principal. While giving the felicitations, he congratulated the department of chemistry for arranging such a conference. Dr.M. Nagarathinam, Associate Professor of Chemistry proposed the Vote of Thanks.

In the first technical session Dr.C.R.Ramanathan was welcomed and introduced by Dr. S. Sashikala, Assistant Professor of Chemistry. He delivered the keynote address on the topic “Designing Novel Chiral Molecules for Asymmetric Organocatalysis”. He explained about the importance of the study of the chiral molecules on organic reactions. He also discussed the conceptual way of designing, synthesizing of chiral molecules and its applications in various fields. Mrs.R.Bharathi Priyadarshini, Assistant Professor of Chemistry, proposed the vote of thanks to Dr.C.R.Ramanathan.

In the second technical session, Dr.T.Gomathi, Assistant Professor of Chemistry welcomed and introduced the Chief guest Dr.K.Parthasarathy, Research Officer, Siddha Central Research Institute, Central Council for Research in Siddha, Ministry of Ayush, Arumbakam, Chennai. The chief guest Dr.K.Parthasarathy, delivered the keynote address on the topic “Structural characterization of drug substances by using modern spectroscopic techniques”. He explained about “Active Pharmaceutical Ingredients” used in Pharmacological activities and also discussed about quality, safety, and efficacy of the drug. Mrs.J.Saranya, 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 and she also thanked the participants for their outstanding interactions.

Totally 80 abstracts were accepted to be published in the souvenir and the scholars were called upon to present their papers in the conference for oral / poster. Posters were exhibited in PG chemistry lab and oral presentations were conducted in the conference hall in two sessions. Dr.S.Guganathan, Assistant Professor of Chemistry, Muthurangam College for Arts, Vellore and Dr. Caleb Nobel Chander, Assistant Professor of Chemistry, Voorhees College, Vellore acted as judge for the poster as well as oral presentation.

Mrs. G. Aswini, Assistant Professor of Chemistry, made arrangements for the distribution of certificates and prize. In the valedictory session, Dr.N.Thenmozhi, and Dr.S. Guganathan distributed the prizes and certificates to the winners for poster presentation. Dr.K. Parthasarathy and Dr. Caleb Nobel Chander distributed the prizes and certificates to the winners for oral presentations. The feedback form was distributed to the students and outside participants. The participants mentioned that the invited lectures and the paper presentation were highly informative, for the students as well as for the researchers. They appreciated the hospitality and excellent arrangements made by the institution.

Finally the Vote of thanks was given by Dr.S. Santha Lakshmi, Assistant Professor 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, audio-visual supporter, photographer, professors from various colleges and students for gracing the occasion for grand success. Finally the conference ended with the National Anthem.





