

M.S.M COLLEGE, KAYAMKULAM
P.G DEPARTMENT OF CHEMISTRY
Website: www.msmchemistry.webs.com

With an aim to uplift the comprehensive status of the community around, which was socially, economically and literarily in a backward position, the Milad E- Sherief Memorial College was established in 1964. The mission was launched by Al Haj P.K Kunju Sahib whose name was renowned as an educationalist, a politician, an economist and as versatile figure in almost all fields of the society. The institution focus on overall development of the society through education and research work at various areas. The Department of Chemistry, commissioned in the year of 1977, is organizing a UGC sponsored three day workshop on Computational Chemistry- From Theory to Applications (*In Silico15*) during the month of July, 2015. The workshop will not only shed light on the recent trends developed in this area but also will provide a better platform for the students, faculties and researchers of science discipline. Computational studies can be carried out to find a starting point for a laboratory synthesis, or to assist in understanding experimental data, such as the position and source of spectroscopic peaks. These *in silico* techniques are used in, pharmaceutical companies in the process of drug discovery. These methods can also be used in chemical and allied industries in various other forms.

We cordially invite scientists, faculty members, research scholars and students from your esteemed institution to participate in this event.

With regards,

Prof. Shaik Ahamed
Principal

Dr. S. Abdul Jabbar
HOD, Chemistry

Mrs. Divya. V
Convener

ORGANIZING COMMITTEE

Patron: Janab P.A. Hilal Babu (Chairman, Governing Body M. S. M Trust)
Chairman: Prof: K. M. Shaik Ahamed (Principal, M. S. M. College, Kayamkulam)

Advisory committee:

1. Dr. S. Abdul Jabbar, Head of the Department of Chemistry
2. Dr. Sheela. A, Associate Professor, Department of Chemistry
3. Dr. Rajasri. P. Nair, Associate Professor, Department of Chemistry

Organizing Convener: Mrs. Divya.V, Assistant Professor, Department of Chemistry

Organizing Committee:

1. Dr. Neetu Sundaresan, Assistant Professor, Department of Chemistry
2. Mrs. Sunitha.V.R, Assistant Professor, Department of Chemistry
3. Dr. Lakshmy. M, Assistant Professor, Department of Chemistry
4. Dr. Reena. T. A, Assistant Professor, Department of Chemistry
5. Mrs. Anu. K, Assistant Professor, Department of Chemistry
6. Mr. Anvar Sadath, Guest Lecturer, Department of Chemistry

ORAL PRESENTATION

Format of the Paper

The author's name, designation, name of the institution along with the e-mail id and contact no. should be specified just below the Title.

Space should be 1.5

Font Type: Times New Roman

Font Size: 12

Title: Centre & Bold

Font size: 14

POSTER PRESENTATION

One author can present only one poster, but can be co-author in more than one poster.

Guidelines for poster preparation

Poster size: A1 Size (59.4 x 84.1 cm). Please avoid flex printing.

Author and affiliation: Name of presenting author should be underlined and corresponding author should be indicated by an asterisk with e-mail ID. Author affiliations should be in italicized normal font.

Deadline for Submission of Abstract : June 15 , 2015

Deadline for Submission of fullpaper : June 30, 2015

Contact Persons

Please send the filled up application form to the following address:

Dr. Neethu Sundaresan

Asst. Professor, Dept. Of Chemistry

Ph No: 9656724541, email: neetujyothis@gmail.com

Smt. Sunitha.V.R

Asst. Professor, Dept. of Chemistry

Ph No: 9946017683, email: sunijith26@gmail.com

Smt. Divya V.

Asst. Professor, Dept. of Chemistry

Ph No: 9495149315, email: divyarajiv001@gmail.com

Registration Fee

For Faculty Members/ Scientist Rs.1500/-

For Research Scholars: Rs. 1000/-

For PG Students: Rs. 300/-

DETAILED SCHEDULE OF THE PROGRAMME

Venue: Royal Plaza Luxury Hotel, K.P. Road, Kayamkulam

29.7.2015 - Wednesday

9.00-9.30 AM

: Registration

9.30-11.00 AM

: Inaugural session

11.00-11.10 AM

: Tea Break

11.15-12.15 PM

: Invited talk and Training in **Personalized drug designing**

Name of Resource Person

: **Dr. P.K.Krishnan Namboori**, Associate professor and Head of Computational Chemistry Group (CCG), Amrita University, Coimbatore.

12.15-1.00 PM

: Invited talk and Training in **Protein Structure Prediction**

Name of Resource Person

: **Dr. Prasad M. Alex**, Associate Professor Marthoma College, Chunkathara, Malappuram.

1.00 - 2.00 PM : Lunch Break
 2.00 - 3.00 PM : Hands on training
 3.00 - 3.15 PM : Tea Break
 3.15 - 4.00 PM : Poster & Oral Presentation
 4.00 - 5.30 PM : Hands on Training

30-07 -2015-Thursday

9.30 - 10.30 AM : Invited Talk- **Cheminformatic Tools for Drug Design**
 Name of resource Person : **Dr. Shibi. I. G**, Associate Professor, S.N. College, Chempazhanthy
 10.30 -11.30 AM : Invited talk and Training in **New Avenues in QSAR**
 Name of Resource Person : **Dr. Vijay H. Masand**, Assistant Professor, Vidya Bharathi College, Maharashtra.

11.30-11.45 AM : Tea break
 11.45-1.00 PM : Hands on training
 1.00 -2.00 PM : Lunch Break
 2.00 -3.30 PM : Invited talk and Training in **Homology Modelling**

Name of Resource Person : **Dr. Devadas Mahajan**, Associate Professor, Vidya Bharathi College, Maharashtra.

3.30-3.45 PM : Tea Break
 3.45-5.00 PM : Hands on Training

31-07-2015-Friday

9.30-10.30AM : Invited talk- **Molecular Descriptors for Chemoinformatics**
 Name of Resource Person : **Dr. V. L. Pushpa**, Associate Professor, S.N.College, Ala, Chengannur
 10.30-11.00 AM : Invited talk and Training in **Computational Estimation of pKa, lipophilicity and Solubility of Molecules**

Name of Resource Person : **Dr. Devadas Mahajan**, Associate Professor, Vidya Bharathi College, Maharashtra

11.00 - 11.15 AM : Tea Break
 11.15 - 1.00 PM : Hands on Training
 1.00 - 2.00 PM : Lunch Break
 2.00 - 3.00 PM : Invited talk and Training in **Pharmacophore modelling**

Name of Resource Person : **Dr. Prasad M. Alex**, Associate Professor, Marthoma College, Chunkathara, Malappuram.

3.00 -3.15 PM : Tea Break
 3.15 4.45 PM : Oral & Poster Presentations
 4.45 PM : Valedictory Function
 5.00 PM : **National Anthem**



NATIONAL LEVEL WORKSHOP ON COMPUTATIONAL CHEMISTRY - FROM THEORY TO APPLICATIONS (*In Silico-15*)

29th - 31st JULY 2015

Organized by

Department of Chemistry

MILAD- E-SHERIEF MEMORIAL COLLEGE

Kayamkulam, Alappuzha, Kerala

in collaboration with

Academy of Chemistry Teachers

Sponsored by University Grants Commission

Co-sponsored by Department of
 Biotechnology, Govt. of India and

Kerala State Council for Science, Technology and Environment

