



FORMAN CHRISTIAN COLLEGE
(A CHARTERED UNIVERSITY)

Registration

Download registration form at:
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Bank Account Details:

A/c # 2361-70000232-01
Bank: Habib Bank LTD
BR. F.C.College University Branch, Lahore.

Deposit registration fee, attach original bank deposit slip along with filled registration form and send via post to:

Dr. Dildar Ahmed, Chemistry Department, Forman Christian College (A Chartered University), Lahore.

Registration (Before 20th Dec, 2015)

Faculty: Rs. 3000 Student: Rs. 1500

Registration (After 20th Dec, 2015)

Faculty: Rs. 4000 Student: Rs. 2000



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Dr. Hafiz Abd Ur Rahman

Mr. Rashid Masih

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Dr. Seemal Jelani

Dr. Amjid Iqbal

Ms. Shazma Azeem

Ms. Hina Abid

Stage & Venue

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Dr. Amjid Iqbal

Ms. Hina Abid

Mr. Azeem Emmanuel

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Dr. M. Nadeem Asghar*

Mr. Kashif Masih

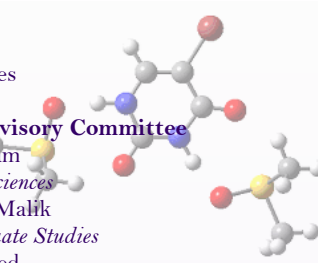
Speers Chemical Society

Ms. Mariam Saeed Shafqat*

Mr. Qaesar Yousaf

Ms. Sobia Aziz

Ms. Saman Yusuf

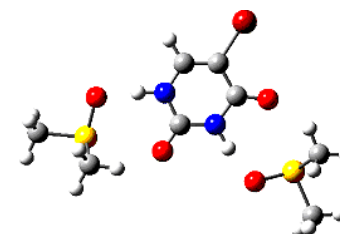


FORMAN CHRISTIAN COLLEGE
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Computational Chemistry Workshop: A New Approach to Understanding & Solving Chemical Problems

20-22 January, 2016

Three-Day Workshop



Department of Chemistry

<http://www.fccollege.edu.pk/>
Tel: (042) 99231518-8 EXT: 509



Computational Chemistry

The last few decades have witnessed a rapid development in the field of computational chemistry, which is now a firmly established and rapidly growing field of chemistry. It has developed into an indispensable tool in the hands of researchers to carry out calculations hitherto unachievable by conventional methods.

Spectral profile simulations, modelling and designing molecules, predicting trends in structure activity/property relationships, mapping reaction coordinates and modelling transition states, homology modelling, protein structure visualization & modelling, molecular dynamics simulations, molecular docking, and pharmacophore mapping are just some of the examples highlighting the applications of computational chemistry.

Realizing the potential of computational chemistry in modern research and education, the first Three-Day Computational Chemistry Workshop was organized by our department in January 2014. Encouraged by the positive feedback of participants from our earlier workshop, the Department of Chemistry has decided to conduct another Three-Day Workshop on Computation Chemistry. This workshop aims to provide theoretical background and hands-on training for all the participants.

Resource Persons

Dr. Rumana Qureshi

Prof. (Retired), Department of Chemistry, Quaid-i-Azam University, Islamabad.

Dr. Farzana Latif Ansari (TI)

Prof. (Retired), Department of Chemistry, Quaid-i-Azam University, Islamabad; Adviser (Honorary) Pakistan Council for Science and Technology (PCST), Islamabad.

Dr. Aftab Bashir

Department of Biological Sciences, Forman Christian College (A Chartered University), Lahore.

Dr. Zaheer ul Haq Qasmi

International Center for Chemical & Biological Sciences (ICCBS), H.E.J. Research Institute of Chemistry, University of Karachi, Karachi.

Dr. Khurshid Ayub

Department of Chemistry, COMSATS Institute of Information Technology, Abbottabad.

Dr. Muhammad Muddassar

Department of Biosciences, COMSATS Institute of Information Technology, Islamabad.

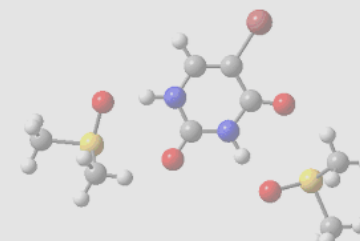
Dr. Imtiaz Shafiq

Institute of Biochemistry & Biotechnology (IBB), University of the Punjab, Lahore.



Topics Covered

- * Protein Structure Modelling & Visualization.
- * Theoretical Quantum Mechanics.
- * Ab Initio, Semi Empirical & DFT methods.
- * Virtual Screening.
- * Homology Modelling.
- * Modelling Reaction Intermediates & Transition States.
- * Molecular Dynamics Simulations.



Contact Us

Prof. Dr. Dildar Ahmed
Chairperson
Department of Chemistry

Tel: (042) 99231518-8 EXT: 509
dildarahmed@fccollege.edu.pk

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