



Estd. 1952

MAR THOMA COLLEGE, TIRUVALLA

(Accredited with A-Grade by the National Assessment and Accreditation Council - NAAC)

(Affiliated to Mahatma Gandhi University)

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10.8.2018

DUTY CERTIFICATE

This is to certified that Dr. Abi T G, Assistant Professor, Sacred Heart College, Thevara has delivered a lecture on *A Practical Approach to Computational Chemistry* in the workshop on *Spectroscopy and Computational Chemistry* sponsored by KSCSTE and organized by Department of Chemistry , Mar Thoma College Tiruvalla on 10.8.2018 .

Principal

Dr. ICY K. JOHN

Principal

Mar Thoma College, Tiruvalla



B

Organizing Committee

Dr. Icy K. John (Principal)
Prof. Mary Sarah Cherian (Head, Department of Chemistry)
Dr. Koshy John
Dr. Neema Ani Mangalam (Convener)
Dr. Ajesh K. Zachariah
Prof. Nebu John
Dr. Shaji Varghese
Dr. Sharon Achamma Abraham
Prof. Anitha George Varghese
Prof. Merin Sara Thomas
Dr. Reenamole G.
Dr. Josmin P. Jose
Dr. Reni George
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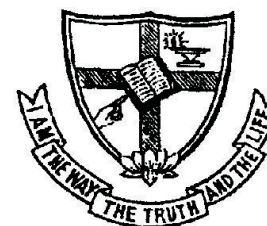
Registration fee for students: Rs. 100/-
Registration fee for faculty: Rs. 200/-

Mar Thoma College **Tiruvalla, Kerala, India, Pin-689 103**

www.marthomacollege.org

(Affiliated to Mahatma Gandhi University, Kottayam)

(Re-Accredited with A-Grade [Third phase] by the National Assessment and Accreditation Council)



“Workshop on Spectroscopy and Computational Chemistry”

Sponsored by

Kerala State Council for Science, Technology and Environment (KSCSTE)

9th-10th August 2018

Organized by

Department of Chemistry,
Mar Thoma College, Tiruvalla

Venue: Alexander Mar Thoma Memorial Golden Jubilee Seminar Hall
Mar Thoma College
Tiruvalla

About the College

Mar Thoma Church, one of the oldest Syrian Christian Churches founded by St. Thomas in India, entered the realm of higher education by establishing a College in Tiruvalla, the Headquarters of the Church. The Church, which had pioneered many social and humanitarian projects, was thus responding to a direct need of the society in the field of higher education by founding Mar Thoma College in 1952. The college grew fast, even beyond the dreams of founding fathers and now it is one of the most reputed Colleges in the state and is a glowing example of the vision of the Church and its commitment to the needs of the society.

The College, accredited by the National Assessment and Accreditation Council (NAAC) in 1998, the first college to do so in Kerala, has attained the unique distinction on being the first re-accredited college with A-Grade in Mahatma Gandhi University. The College is affiliated to Mahatma Gandhi University, Kottayam and comes under the 2(f) & 12(b) category of the University Grants Commission.

About the Department

The glorious journey of the Department began in the year 1957 with B.Sc. degree course. It became a Post Graduate Department in 1984 and a Research Department since 2000. The Department offers two postgraduate programmes *viz.*, M.Sc. in Chemistry and M.Sc. in Analytical Chemistry. The Department celebrated its Golden Jubilee in 2007. The Department cherish a history of good academic performance consistently. The students of the Department had bagged ranks in M.Sc. Chemistry and M.Sc. Analytical Chemistry during the previous years.

About the Workshop

Spectroscopy and Computational Chemistry are two emerging topics in Chemistry and currently a part of curriculum for post graduate students. The workshop on Spectroscopy and Computational Chemistry aims to provide a platform for post graduate students to acquire the fundamental concept and problem solving skill in both fields. In this context, we are planning to conduct a workshop on this topic which has interdisciplinary nature benefitting teachers, students and researchers.

Programme

9 - 08 - 2018

- 09.30 am – 10.20 am : Inauguration
- 10.20 am – 11.20 am : Computational Chemistry - Methods (Session I)
Dr. Baby Thomas, Associate Professor (Retd.), St. Dominic's College, Kanjirappally
- 11.20 am – 11.30 am : Tea Break
- 11.30 am – 12.30 pm : Computational Chemistry - Methods (Session II)
Dr. Baby Thomas, Associate Professor (Retd.), St. Dominic's College, Kanjirappally
- 12.30 pm – 01.30 pm : Lunch
- 01.30 pm – 03.00 pm : Identification of simple organic compounds based on their spectral data (Session III)
Dr. S. Prathapan, Professor (Retd.), Department of Applied Chemistry, CUSAT
- 03.00 pm – 03.15 pm : Tea Break
- 03.15 pm – 04.30 pm : Identification of simple organic compounds based on their spectral data (Session IV)
Dr. S. Prathapan, Professor (Retd.), Department of Applied Chemistry, CUSAT

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- 09.30 am – 11.00 am : Theory of Nuclear Magnetic Resonance Spectroscopy (Session V)
Dr. C.G. Ramankutty, Associate Professor (Retd.), U.C. College, Aluva
- 11.00 am – 11.15 am : Tea Break
- 11.15 am – 12.30 pm : Theory of Nuclear Magnetic Resonance Spectroscopy (Session VI)
Dr. C.G. Ramankutty, Associate Professor (Retd.), U.C. College, Aluva
- 12.30 pm – 1.30 pm : Lunch
- 01.30 pm – 03.00 pm : A Practical Approach to Computational Chemistry (Session VII)
Dr. Abi T.G, Assistant Professor, Sacred Heart College, Thevara
- 03.00 pm – 03.15 pm : Tea Break
- 03.15 pm – 04.00 pm : A Practical Approach to Computational Chemistry (Session VIII)
Dr. Abi T.G, Assistant Professor, Sacred Heart College, Thevara
- 04.00 pm – 04.30 pm : Valedictory Function