

11th March 2016

9:30 am : **Dr. Edamana Prasad**
IIT Madras
Laser Flash Photolysis and its Technology

10.30 am : Address and Distribution of Certificates
Dr. Kuruvilla Joseph
Dean and HOD of Chemistry, IIST, Thiruvananthapuram

11:00 - 11: 15 am : Tea

11: 15 am : *Valedictory Function of the Golden Jubilee Celebrations of the PG Department of Chemistry, Mar Ivanios College*

Chief Guest : **Dr. Alexander Jacob IPS**
Former DGP and Alumni of the Department of Chemistry

ORGANIZING COMMITTEE

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(Major Archbishop - Catholicos of the Malankara Catholic Church)

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Dr. K. L. Anandavally, Vice Principal, Mar Ivanios College

Rev. Fr. Sheen Palakuzhy, Bursar, Mar Ivanios College

Dr. V. George, Former Deputy Director, TBGRI, Palode

ADDRESS FOR CORRESPONDENCE

Dr. Suju C. Joseph

PG & Research Department of Chemistry

Mar Ivanios College (Autonomous), Nalanchira. P.O., Thiruvananthapuram

Ph: 9633078868, 8547147460, 8289829785

E-mail: nsaat2016@gmail.com, sujucjoseph@rediffmail.com

www.marivanioscollege.ac.in

Note:

* Accommodation can be provided on prior information.

* Number of participants will be limited to first come first serve basis.

* Duty certificate will be issued to the faculty members /scientists.

Registration fees:

Rs 100 for Students / Research Scholars and Rs 200 for Faculty members/Scientists.

NATIONAL SEMINAR ON ADVANCED ANALYTICAL TECHNIQUES (NSAAT 2016)

March 9-11, 2016



Organized by



PG AND RESEARCH DEPARTMENT OF CHEMISTRY,
MAR IVANIOS COLLEGE (AUTONOMOUS),
MAR IVANIOS VIDYA NAGAR, NALANCHIRA. P. O.
THIRUVANANTHAPURAM 695 015, KERALA
(As a part of the Golden Jubilee Celebrations of the PG Department)



Sponsored by

UNIVERSITY GRANTS COMMISSION (UGC), NEW DELHI

VENUE : MAR GREGORIOS CONFERENCE HALL,
MAR IVANIOS COLLEGE (AUTONOMOUS)



About Mar Ivanios College (Autonomous)

Mar Ivanios College, Thiruvananthapuram, established by the Servant of God Archbishop Mar Ivanios in 1949, is a prestigious higher educational institution in Kerala, having made significant contributions to the promotion of science, education & research in various academic fields. The college has been reaccredited with 'A' grade by NAAC (third cycle) and is a college with potential for excellence (UGC). The College which is affiliated to the University of Kerala, Thiruvananthapuram has been granted autonomous status in 2014. The College is situated at Nalanchira which is 8 km away from Thiruvananthapuram central railway station and 14 km away from the airport.

About the Department

The Department of Chemistry (DST-FIST supported) was began in 1957 with the BSc Degree Course. The MSc Degree course was started by the Department in 1965 and became an approved research centre in 1977. The Department is renowned for various research activities that include solid state kinetics, biomaterials, electrochemistry, phytochemistry, pharmaceutical chemistry and synthetic organic chemistry. The PG Department of Chemistry is celebrating the Golden Jubilee in the academic year 2015-'16. The Department was able to produce several nationally and internationally renowned scientists and professors who are holding positions of high esteem.

About the Seminar

As a part of the Golden Jubilee Celebrations, the PG Department of Chemistry is organizing a three day UGC sponsored National Seminar on Advanced Analytical Techniques (NSAAT 2016) from 9th March to 11th March 2016.

The technical session will be contributed by eminent scientists from various national research institutions including IISc, IIT, NIIST, IISER, IIST, NIT and Dr. Reddy's Laboratories, Hyderabad. The technical sessions deal with AFM, TEM, STM, NMR (Including 2D & 3D), Mass Spectrometry, Laser Flash Photolysis and other related material characterization techniques for better composites and surfaces. The major objective of the seminar is to enlighten the participants on advanced material characterization techniques. Faculty members, Research Scholars, PG Students & outstanding UG Students are cordially invited to this seminar.

Call for Abstracts in Seminar Proceedings

Abstracts for paper and poster presentations are invited from researchers and teachers on any topic related to characterization of materials. The abstract should be send in not more than 300 words. The author can submit the abstract in MS Word format in Times New Roman using font size 12 and 1.5 spacing. The abstract should include the title, names of authors, full postal address including e-mail address. Introduction, experimental results & discussions, photographs / images, conclusions and references must be send as a single document. The last date for submission of abstract is 2nd March 2016. The abstract can be send to following e-mail ID: nsaat2016@gmail.com The best two presentations will be awarded with Rs. 2000 each.

Programme

9th March 2016

Registration	:	8:30 - 9:30 am
Inaugural Session	:	9:30 - 10:45 am
Welcome	:	Dr. Sumol Varghese HOD of Chemistry, Mar Ivanios College
Opening Address	:	Dr. A. Ajayaghosh FNA Director, CSIR - NIIST, Thiruvananthapuram
Inauguration	:	Shri. P. K. Abdu Rabb Hon'ble Minister for Education, Govt. of Kerala
Presidential Address	:	Rev. Dr. Gigi Thomas Principal, Mar Ivanios College
Plenary Lecture	:	Dr. K. L. Sebastian FNA Professor of Chemistry, IISc, Bangalore <i>Understanding chemical phenomena using Statistical and Quantum Mechanics</i>
Felicitation	:	Rev. Fr. Sheen Palakuzhy Bursar, Mar Ivanios College
Vote of Thanks	:	Dr. Suju C. Joseph Organizing Secretary, NSAAT 2016
10:45 - 11:15 am	:	Tea
Technical Session	:	
11:15 am	:	Dr. B.S. Somashekar Dr. Reddy's Laboratories Ltd., Hyderabad <i>NMR and its applications (Including 2D & 3D)</i>
12:30 - 1:15 pm	:	Lunch
1:15 - 1.45 pm	:	Poster Presentations
1:45 pm	:	Dr. Jobin Cyriac, IIST, Thiruvananthapuram <i>Mass Spectrometry and its applications</i>
3:00 pm	:	Paper Presentations
3:45 pm	:	Tea

10th March 2016

9:30 am	:	Dr. Manoj Raama Varma NIIST, Thiruvananthapuram <i>TEM - Methods for Nano Characterization</i>
10:45 - 11:15 am	:	Tea
11:15 am	:	Dr. Mahesh Hariharan IISER, Thiruvananthapuram <i>Characterization by AFM & SEM</i>
12:30 - 1:30 pm	:	Lunch
1:30 pm	:	Dr. Biju V.M., NIT, Tiruchirappalli <i>Atomic & Molecular Spectroscopies and their applications</i>
3:00 pm	:	Paper Presentations
3:45 pm	:	Tea