



17th Prof. K. V. THOMAS ENDOWMENT SEMINAR
&
SECOND INTERNATIONAL SYMPOSIUM
on
NEW TRENDS IN APPLIED CHEMISTRY (NTAC -2019)

Sacred Heart College Platinum Jubilee Edition

www.ntac.shcollege.in

14-15 January, 2019

Venue : Fr. Melesius Hall, S.H. College, Thevara

Organized by

**The Post Graduate & Research Department of Chemistry
Sacred Heart College (Autonomous)
Thevara, Kochi, India**

Current Sponsors:



INTERNATIONAL SYMPOSIUM, NTAC – 2019

The Post Graduate & Research Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi, Kerala, India organizes 17th Prof. K.V. Thomas Endowment Seminar & Second International Symposium on New Trends in Applied Chemistry (NTAC-2019) as part of the platinum jubilee year celebrations of the college. The organizing committee invites you to experience an intellectually stimulating symposium with world renowned experts from both academia and industry at Kochi, one of the most delightful and charming cities in India.

Nobel Lecture : Prof. Robert H. Grubbs
(Nobel Laureate in Chemistry, 2005)

Keynote Lecture : Prof. Jan-Erling Backvall (Past Nobel Chemistry Committee Chair and Current Member)

Eminent scholars and young investigators, across the globe are expected to participate in the symposium. The theme of the two day symposium covers the following areas:

- Synthesis of Natural and Unnatural Materials
- Organometallics / Catalysis
- Material Science
- Green Chemistry
- Computational Chemistry

NTAC-2019 Closing Ceremony & Public Interaction with Nobel Laureate/Former Nobel Committee Chair

Immediately following the valedictory function of the symposium, a public interaction programme (Open Forum) in collaboration with Malayala Manorama's MPower will be held at the college auditorium from 3.30 PM - 5.30 PM on 15th January 2019. During this event, pre-selected questions from school students and questions from audience are welcomed.



Prof. Robert Grubbs (Nobel Laureate in Chemistry, 2005) and Prof. Jan-Erling Backvall (Past Nobel Chemistry Committee Chair for 10 years and Current Member) will answer your questions. Dr. Thomas J. Colacot will moderate the session.

School students are encouraged to send their questions to both Prof. Robert Grubbs and Prof. Jan-Erling Backvall, via an email : nobelquestions@shcollege.ac.in in the prescribed format available on the website. Questions will be screened by a panel of experts from Manorama and SH college to inform the students by 1st January 2019.

SPEAKERS - NTAC 2019

Nobel Lecture



Prof. Robert H. Grubbs

(Nobel Laureate in Chemistry 2005)

Division of Chemistry and Chemical Engineering,
California Institute of Technology, USA.

Keynote Lecture



Prof. Jan-Erling Bäckvall

(Past Nobel Chemistry Committee Chair and current member)

Stockholm University,
Arrhenius Laboratory,
106 91, Stockholm, Sweden.



Prof. Bruce H. Lipshutz

Department of Chemistry and Biochemistry
University of California
Santa Barbara, USA



Prof. Valentine P Ananikov

Laboratory Head
Elected Member of Russian Academy of Sciences
Zelinski Institute of Organic Chemistry
Leninsky Prospekt 47, Moscow, 119991, Russia



Prof. Laurel Schafer

Department of Chemistry,
The University of British Columbia
Vancouver Campus, 2036 Main Mall
Vancouver, BC Canada



Dr. Shiju N Raveendran

Associate Professor,
Van 't Hoff Institute for Molecular Sciences,
University of Amsterdam, Netherlands

SPEAKERS - NTAC 2019



Prof. Sourav Pal
Director
Indian Institute of Science Education Research,
Kolkata, India



Prof. Krishna P. Kaliappan
Dean (Faculty Affairs), Institute Chair Professor
Department of Chemistry
Indian Institute of Technology Bombay
Powai, Mumbai, India



Dr. Virendra Gupta
Head R & D - Polymer,
Reliance Research & Development Centre,
Navi Mumbai, India



Dr. Cheng-yi Chen
Janssen R & D,
Pharmaceutical Development and
Manufacturing Sciences,
Small Molecule API, Switzerland



Dr. Sivakumar V.
Technical Services Manager
Johnson Matthey
Mumbai, Maharashtra, India



Dr. Ashwini Ghogare
Consultant - Cheminformatics Technology
Millipore Sigma
Greater Boston Area, USA

Call for Papers

You are invited to submit abstracts of the posters using the template from the website, describing new theoretical and/or experimental research. Submissions will be judged based on originality, significance, interest, clarity, relevance and correctness. The deadline for abstract submission is 30th November 2018. Final acceptance of the poster presentation will be intimated by 15th December 2018. Registered participants can submit their abstracts.

Best Poster Awards

Six best poster awards sponsored by American Chemical Society's leading journals - *The Journal of Organic Chemistry*, *Organometallics*, *ACS Applied Energy Materials*, *ACS Applied Nano Materials*, *ACS Applied Biomaterials* and *ACS Omega*.

Poster Prize : INR 5000/- each and certificates from the respective journals.

The awardees must give an oral presentation of 5 minutes.

REGISTRATION

Registration Fee

Deadline	National Participants		Industrial Participants	Overseas Participants	
	Students	Faculty		Students	Faculty
15 th November 2018 (Early bird registration)	Rs. 4500	Rs. 5500	Rs. 10000	US\$ 150	US\$ 250
30 th November 2018	Rs. 5000	Rs. 6000	Rs. 12000	US\$ 200	US\$ 300
Spot Registration	Rs. 6000	Rs. 7000	Rs. 15000	US\$ 300	US\$ 400

Your registration includes delegates kit, access to scientific sessions, morning and afternoon refreshments, lunch and conference banquet.

Important : Since the number of seats are limited for the symposium, the registration will be guaranteed on a first-come-first-serve basis.

Online Registration

Registration and payment can be done online at www.ntac.shcollege.in. The registration fee can be transferred through internet banking, debit/credit card.

Bank : The Federal Bank Ltd.
Name : Principal, Sacred Heart College
Account Number : 17530100038584
Branch Code : 1753 IFSC code : FDRL0001753

Offline Registration

Download the registration form from the website and send the duly filled registration form along with Demand Draft favouring "Convener, NTAC - 2019" payable at Ernakulam to the Convener.

ACCOMMODATION

The accommodation can be arranged (on request in the Registration form) for the participants at a concessional rate as given below.

Rate Card

Tariff per day for different categories of accommodation

	Category A Five Star Hotel	Category B Business Hotel	Category C Budget Accommodation
AC Double Occupancy	Rs. 7200	Rs. 2750	Rs. 1750
AC Single Occupancy	Rs. 6500	Rs. 2400	Rs. 1300
Non-AC Triple Occupancy	-	-	Rs. 350 per head
Non-AC Double Occupancy	-	-	Rs. 400 per head
Non-AC Single Room	-	-	Rs. 450

Full Payment (for all days of stay) in advance along with the registration fee should be remitted electronically through internet banking, credit/debit card or by DD in favour of "Convener, NTAC - 2019" payable at Ernakulam.

Travel

Local transport from Airport/Railway station to the place of accommodation will be arranged (on request only) for the registered participants on payment basis.

Transport from place of stay to the symposium venue will be arranged for all residential participants.

Sacred Heart College, Thevara

Sacred Heart College, Thevara is an autonomous college in Kerala affiliated to Mahatma Gandhi University, Kottayam. The college was established in 1944 by the Carmelites of Mary Immaculate (CMI). It was originally affiliated to University of Madras. The college is ideally situated, on a peninsular strip known as Thevara, in the city of Kochi. The Vembanad Lake adds to the beautiful ambience of the campus. The institution obtained Autonomous status in June 2014.



Department of Chemistry

The Department of Chemistry was established in 1944. It offers one undergraduate programme and two post graduate programmes (Pure & Applied Chemistry-Pharmaceutical). The Department is a recognized research center under Mahatma Gandhi University and is now supported by DST under FIST programme.

Prof. K.V. Thomas

Prof. K V Thomas served the Department as a member of the faculty and later as HOD. He was the union Minister for Food and Public Distribution, Government of India and the minister for Tourism and Fisheries, Government of Kerala. Presently he is the Member of Parliament representing Ernakulam constituency. Prof. K V Thomas Endowment Trust was established in 2002 by his colleagues and well wishers for organizing seminar / symposium annually, to honour their beloved professor.



ORGANIZING COMMITTEE

Advisory Board

1. Dr. Thomas J Colacot, Merck KGaA (Millipore Sigma) R&D Fellow, Director – Global Technology Innovation, USA (**Chair**)
2. Prof. Mark Lautens O. C., FRSC, D.Sc. h.c., University of Toronto, Canada
3. Prof. Pierre Dixneuf, Emeritus Professor, University of Rennes, France
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8. Prof. T. Pradeep, Institute Chair Professor, IIT Madras, Chennai, India
9. Prof. I. Ibnusaud, Director, IIRBS, Mahatma Gandhi University, Kottayam

Local Organizing Committee

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2. Rev. Dr. Prasant Palackappillil CMI, Principal (Chairman)
3. Rev. Dr. Jose Thuravackal CMI, Vice Principal (Vice Chairman)
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5. Dr. Joseph T. Moolayil
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12. Dr. Ignatious Abraham (Convener)
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15. Dr. June Cyriac
16. Dr. Ramakrishnan S.
17. Dr. Abi T. G.
18. Ms. Ammu Rosin Jose
19. Mrs. Ragi A. S.

How to reach Sacred Heart College Thevara

Sacred Heart College, Thevara is 35 kms away from Kochi International Airport, 5 kms away from Ernakulam Junction and 9 kms away from Ernakulam Town Railway Station. If you inform your arrival in advance, necessary help will be provided.

About Kochi

The vibrant city of Kochi lies in the heart of the verdant state, Kerala. Already on the road to metrohood, the city holds a promise to everyone to the holiday crowd. This young city with a deep history is a melting pot of cultures. The Chinese fishing nets, the Jewish Synagogue and the Dutch palace are some of the extant signposts. A ride on the blue backwaters will be an unforgettable experience. The Temple town of Guruvayoor, the hill resort of Munnar and the Periyar Tiger Reserve at Thekkady are a few hours drive away from Kochi. The best of moderate equatorial climate awaits the visitor to "Gods own Country".



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