

**PROF. K V THOMAS ENDOWMENT INTERNATIONAL SEMINAR ON
NEW TRENDS IN APPLIED CHEMISTRY (NTAC - 2017)**

Title:	PROF. K V THOMAS ENDOWMENT INTERNATIONAL SEMINAR ON NEW TRENDS IN APPLIED CHEMISTRY (NTAC - 2017)
Date:	09.02.2017 – 11.02.2017
Venue:	College Auditorium/Hotel Crowne Plaza
Focus of the Event:	Research Methodology
Organizing Body:	Department of Chemistry
Resource Person:	Justice P.Sathasivam (The H'ble Governor of Kerala), Prof. K.V. Thomas M P, Dr. Suresh Das, Dr. Thomas Colacot
Total Number of Attendees:	120



Event Report

The Post Graduate and Research Department of Chemistry organized **Prof. K.V.Thomas Endowment International Symposium on New Trends in Applied Chemistry** at Sacred Heart College, Thevara and at Hotel Crowne Plaza from 9-11th February, 2017. The Symposium started with registration at 8.15 am on 9th February 2017 at Sacred Heart College auditorium. 133 outside participants registered for the symposium. The

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registration process was followed by the inaugural ceremony at 9.00 am. The Honorable Governor of Kerala Justice P. Sathasivam was the Chief Guest. The function was presided over by the M.P of Ernakulam constituency, Prof. K.V. Thomas who is an alumnus of the Department of Chemistry of Sacred Heart College. The Executive Vice president of KSCSTE Dr. Suresh Das and Dr. Thomas Colacot delivered felicitations. Principal of Sacred Heart College, Rev. Dr. Prasant Palackappillil CMI delivered the welcome speech and Dr. Joseph John, Head of the department of Chemistry expressed the vote of thanks. Dr. Grace Thomas, Convener of the Symposium gave the introduction to the Seminar.


After the inaugural function the technical sessions started with the key note address by Dr. Thomas J. Colacot, Global R & D Manager and Technical Fellow, Johnson Matthey Catalysis & Chiral Technologies, 2001 Nolte Drive, West Deptford, New Jersey, USA. This was followed by plenary lectures and invited talks by eminent scientists from across the globe. There were cultural programmes on the first day evening at the college auditorium which was followed by Conference Dinner at the Lake View Grounds of Sacred Heart College. About 138 poster presentations (100-138) were conducted spanning the first two days. The third day 11th February 2017 started with the oral presentation by the selected candidates after evaluation of the posters.

The Symposium was concluded with the valedictory function followed by lunch. The valedictory function was presided over by the Vice principal of Sacred Heart College Rev. Dr Jose Thuravackal CMI and the chief guest was Prof. Mark Lautens .The symposiums was indeed a boost to the ongoing academic and research activities in the higher educational institutions around the state and inspired our students for practicing science and to realize the significance of the same. Around 168 delegates from outside and 100 in house delegates participated in the Symposium

Additional Pictures




Event Brochure



Prof. K.V. Thomas Endowment
International Symposium on
**New Trends In
Applied Chemistry**
NTAC-2017
09 -11 February, 2017

Venue: Inaugural Session : Sacred Heart College, Thevara
Technical Session s : Crowne Plaza, Kochi



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

www.ntac.shcollege.in

INTERNATIONAL SYMPOSIUM 2017

The Post graduate and Research Department of Chemistry is organising Prof. K.V. Thomas Endowment International symposium on *New Trends in Applied Chemistry-2017 (NTAC-2017)* in connection with the platinum jubilee year celebrations of the department. We cordially invite you to attend and present your most recent research accomplishments, share your knowledge, and actively engage in scientific discourse with other experts in NTAC-2017.

The theme of the three day symposium cover the following areas:

- Medicinal and Pharmaceutical chemistry
- Flow chemistry
- Synthesis of natural and unnatural materials
- Enzymes and biochemistry
- Organometallic/Catalysis
- Material science
- Polymer chemistry
- Nuclear Chemistry
- Computational chemistry

REGISTRATION

Interested person can register for the symposium, NTAC – 2017 either online or offline.

REGISTRATION FEES

Cutoff Date	National Participants		Overseas Participants		
	Students	Faculty	Students	Faculty	
09 th December 2016	Rs 1000	Rs.2500	Rs 5000	US\$ 100	US\$ 200
09 th January 2017	Rs 1500	Rs.3000	Rs 7500	US\$ 150	US\$ 250

Your registration includes Conference Registration kit, Access to Scientific Sessions, Morning and Afternoon Refreshments and Lunch.

Accompanying persons are required to register for the conference at 50% charges and they have access to refreshments and lunch.

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ONLINE REGISTRATION

Registration can be done through the website (www.ntac.shcollege.in) and the registration fee must be transferred electronically to the following account. Convener, NTAC-2017

Bank: Federal Bank, Sacred Heart College, Thevara Branch, Kochi

MICR Code: .682049052

Account Number: 17530100016721

IFSC code: FDRLO001753

OFFLINE REGISTRATION

Send the duly filled registration form (can be downloaded from the website) along with the registration fee as Demand Draft favouring “Convener, NTAC-2017” payable at Ernakulam to the Convener.

Arrangements for local transport from Airport/Railway station to the conference venue/place of accommodation will be provided (on request only) for all the registered participants. Transport from place of stay to the conference venue will be given to all residential participants.

CALL FOR PAPERS - ISBN NO. 978-81-930558-2-3

Prospective authors are invited to submit abstracts of original papers in standard format describing new theoretical and/or experimental research to ntac2017@shcollege.ac.in. Submissions will be judged on originality, significance, interest, clarity, relevance, correctness, and presentation. The abstract must reach electronically on or before **9th December 2016**.

Accepted abstracts would be intimated by **30th December 2016** and the authors have to submit the full paper by **9th January 2017** with the following specifications.

Final manuscript: upto 4 pages; paper format: A4 size; File: MS Word Document; Font Type: Times New Roman; Text: Justified; Font Size: 11; Paper Title: Centre Bold, Font Size: 14; Line Spacing: 1.5; Left & Right Margin: 2.5 cm; Top & Bottom Margin: 3 cm; Author's name (s) and affiliations: Centre and Bold; Font Size: 10; Presenting Author's Name: Indicated by Asterisk.

The papers will be published in the proceedings of the conference with ISBN NO. 978-81-930558-2-3. Only full papers from authors who have remitted the registration fee will be published.

PLENARY SPEAKERS**Dr. Thomas J. Colacot**

Global R&D Manager and Technical Fellow
Johnson Matthey Catalysis & Chiral Technologies
2001 Nolte Drive, West Deptford
New Jersey, USA

**Prof. Shimon Weiss**

Department of Chemistry and Biochemistry
University of California, 607 Charles E. Young Drive East
Los Angeles, CA 90095-1569

**Prof. Bakthan Singaram**

Professor of Organic Chemistry
Chemistry and Biochemistry Department,
University of California, Santa Cruz, USA

**Prof. Vasudevan P. Biju, PhD, FRSC**

Professor, Research Institute for Electronic Science (RIES)
Hokkaido University
N20 W10, North Ward
Sapporo 001-0020

**Dr. Timothy Noël**

Assistant Professor
Eindhoven University of Technology
Micro Flow Chemistry & Process Technology
Building 14, Helix, room STW 1.48, De Rondom 70
5612 AP Eindhoven, The Netherlands

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Mark Lautens, O.C., FRSC
J. Bryan Jones Distinguished Professor
AstraZeneca Professor of Organic Synthesis
Department of Chemistry Davenport Research Laboratories
University of Toronto, 80 St. George St.
Toronto, ON CANADA M5S 3H6



Prof. Pierre Dixneuf
Laboratory of Organometallic Catalysis,
Institute of Chemical Sciences, University of Rennes,
France



Dr. Andreas Wächtler
Senior Scientist
Performance Materials I Development (PM-OT)
Merck – Living Innovation
Merck KGaA | Frankfurter Str. 250 Germany



Prof. Naoto Chatani,
Professor, Department of Applied Chemistry,
Faculty of Engineering, Osaka University, Suita, Osaka
565-0871, Japan



Prof. Dr. Richard Hark
H. George Foster Professor and Chemistry Department Chair
Juniata College
Huntington Pa
Pennsylvania, USA

SACRED HEART COLLEGE

Sacred Heart College, Thevara is an autonomous college in Kerala affiliated to M G University, Kottayam. The college was established in the year 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. As a crowning glory for its history of academic and non-academic achievements, the institution recently obtained Autonomous status in June 2014.

**DEPARTMENT OF CHEMISTRY**

The Department of Chemistry was established in 1946 and is celebrating the Platinum Jubilee this year. It offers one undergraduate programme and two post graduate programmes (Chemistry and Pharmaceutical Chemistry). The Department is a recognized research center under Mahatma Gandhi University and is now supported by DST under FIST programme.

PROF. K V THOMAS ENDOWMENT TRUST

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 and the Chairman of Public Accounts Committee, Govt. of India. The trust was established in 2002 by his colleagues and well wishers. The trust organizes National seminar annually, to honour their beloved professor. This is the 15th edition of the National seminar.

ACCOMODATIONS

The accomodation will be arranged (on request in the registration form) for all registered participants of NTAC-2017 as per the tariff given below:

Category A : Rs. 5000 Category B: Rs. 3000 Category C : Rs. 2000
Category D: Budget accomodation (Dormitory)

The above rates are for one day occupancy only and inclusive of taxes.

Full Payment (for all days of stay) in advance should be transfered electronically or send as DD drawn in favour of "Convener, NTAC-2017". The duly filled accomodation form (download from the website www.ntac.shcollege.in) together with the DD should be send to Dr. Grace Thomas, Convener, NTAC – 2017, Department of Chemistry, SH College, Kochi-682013, Kerala, India

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INTERNATIONAL ADVISORY COMMITTEE

Prof. K.V.Thomas, Member of Parliament, Chairman, Public Accounts Committee, Govt. of India.

Dr. Thomas Colacot, Johnson Matthey Global R & D Manager and Technical Fellow, New Jersey, U.S.A

Prof. C. Oliver Kappe, Professor of Chemistry, Christian Doppler Laboratory for Microwave Chemistry and Institute of Chemistry, Karl-Franzens- University Graz, Austria

Dr. Suresh Das, Executive Vice President, KSCSTE, Kerala, India

Prof. Bakthan Singaram, Professor of Organic Chemistry, Chemistry and Biochemistry Department, University of California, Santa Cruz, USA

Prof. Shimon Weiss, Department of Chemistry and Biochemistry, University of California, Los Angeles, USA

Prof. K. L. Sebastian FASC., FNA, J. C. Bose National Fellow, Department of Inorganic and Physical Chemistry, IISc. Bangalore, India

Prof. Neil Pelkey, Associate Professor of Environment Science and Studies and Information Technology, Juniata College, Huntingdon Pa, U.S.A

Dr. A. Ajayaghosh FASC.; FNAsc.; FNA. Director, CSIR-NIIST, Industrial Estate PO, Pappanamcode, Trivandrum 695019, India

Prof. I. Ilnusaud, Director, IIRBS, M.G.University, Kottayam, Kerala, India

Prof. K.Girish Kumar, Department of Applied Chemistry, CUSAT, Kochi, Kerala, India

Prof. K. George Thomas, Professor, IISER, Trivandrum, Kerala, India

Dr. K Sudarshan, Group Head (Engineering) NPOL, Cochin, Kerala, India

Dr. Akkattu T. Biju, Scientist, Organic Chemistry Division, CSIR-National Chemical Laboratory, Homi Bhabha Road, Pune – 411008, India

Mr. George Paul, Director, Synthite Industries Ltd, Cochin, Kerala, India

Mr. Siva Subramanian C.G., Vice President, Innovation & Quality, OLAM, Fresno, CA.

ORGANIZING COMMITTEE

Rev. **Dr. Jose Kuriadath** CMI, Manager (Patron)

Rev. **Dr. Prasant Palackappillil** CMI, Principal (Chairman)

Rev. **Dr. Jose John** CMI, Bursar

Dr. Joseph John, HoD (General Convener)

Dr. K. B. Jose

Dr. Joseph T Moolayil

Dr. Thommachan Xavier

Dr. V. S. Sebastian

Dr. M. George (Jt. Convener)

Dr. Jorphin Joseph (Jt. Convener)

Dr. Franklin J (Jt. Convener)

Dr. Jinu George

Dr. Grace Thomas (Convener)

Dr. Ignatious Abraham

Mr. Midhun Dominic C D

Mr. Senju Devassykutty

Mrs. June Cyriac

Dr. Ramakrishnan S

Dr. Abi T. G.

BEST PAPER AWARD

As a token of appreciation and encouragement, special prizes will be awarded to the best oral / poster presentation both at the research (below age 35 years) and P. G. levels. Dr. Aleyamma Zacharia Endowment Award will be given for the best oral/poster presentation at the P. G. level.

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".



Symposium Dates: 9-11 February, 2017

Last Date for Abstract Submission: 9th December 2016

Last Date for Submission of Full Paper: 9th January 2017

Early Bird Registration: 9th December 2016







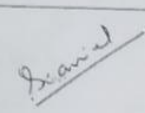
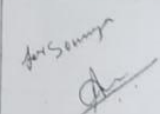

All correspondence shall be addressed to:

Dr. Grace Thomas
Convener, NTAC – 2017





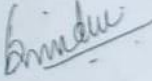
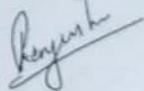
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Event Attendance Sheet

LIST OF PARTICIPANTS			
PROF. K. V. THOMAS ENDOWMENT INTERNATIONAL SYMPOSIUM ON NEW TRENDS IN APPLIED CHEMISTRY (NTAC - 2017)			
Department of Chemistry (S. H. College, Theyara)			
Date: 9 - 11 th February, 2017			
Sl.No.	Registration Code	Name, Designation and Affiliation of Participant	Signature
1.	T 01	Prof. JYOLSNA ABRAHAM ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY ST. DOMINIC'S COLLEGE, KANJIRALPALLY, PARATHODU P. O, KOTTAYAM - 686512	
2.	T 02	Mrs. JESNY S ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY SN COLLEGE, CHERTHALA	
3.	T 03	Ms. ANJANA V N ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY SSV COLLEGE, VALAYANCHIRANGARA PERUMBAVOOR - 683556	
4.	T 04	Dr. PADMA P ASSOCIATE PROFESSOR DEPARTMENT OF CHEMISTRY SSV COLLEGE, VALAYANCHIRANGARA PERUMBAVOOR - 683556	
5.	T 05	Dr. SOBHI DANIEL ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY MAHARAJAS COLLEGE, ERNAKULAM	
6.	T 06	Mrs. SOUMYA T CYRIAC ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY ST. MICHAEL'S COLLEGE, CHERTHALA	
7.	T 07	Sr. ALPHONSA THOMAS ASSISTANT PROFESSOR DEPARTMENT OF BASIC SCIENCE &	







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		HUMANITIES RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY RAJAGIRI VALLEY, KAKKANADU	
8.	T 08	Dr. DEEPA K BABY <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF BASIC SCIENCE & HUMANITIES RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY RAJAGIRI VALLEY, KAKKANADU	
9.	T 09	Mrs. ANJU C <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF BASIC SCIENCE & HUMANITIES RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY RAJAGIRI VALLEY, KAKKANADU	
10.	T 10	Mrs. TRESA SUNITHA GEORGE <i>RESEARCH SCHOLAR</i> DEPARTMENT OF APPLIED CHEMISTRY CUSAT, KOCHI – 682022	
11.	T 11	Mrs. DIVYA K M <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY NSS COLLEGE, PANDALAM	
12.	T 12	Dr. BINDU U <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY NSS COLLEGE, PANDALAM	
13.	T 13	Dr. RENJUSHA S <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY NSS COLLEGE, PANDALAM	

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14.	T 14	Mrs. ZAFNA RASHEED <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY THE COCHIN COLLEGE, KOCHI - 02	
15.	T 15	Mrs. ANNIES ANTONY <i>ASSOCIATE PROFESSOR & HEAD</i> DEPARTMENT OF CHEMISTRY ST. PETERS COLLEGE, KOLENCHERY	
16.	T 16	Dr. JAYA T VARKEY <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY ST. TERESA'S COLLEGE, ERNAKULAM	
17.	T 17	Mrs. DEEPA THOMAS <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY BISHOP MOORE COLLEGE MAVELIKARA, ALAPPUZHA	
18.	T 18	Dr. L MALLESHA <i>ASSISTANT PROFESSOR</i> PG DEPARTMENT OF CHEMISTRY JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE, OOTY ROAD MYSURU-570025, KARNATAKA	
19.	T 19	Dr. SUJA NR <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY MAHARAJAS COLLEGE, ERNAKULAM	
20.	T 20	Mr. REJIMON P K <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY MAHARAJAS COLLEGE, ERNAKULAM	
21.	T 21	Dr. SREESHA SASI <i>ASSISTANT PROFESSOR</i> DEPARTMENT OF CHEMISTRY	

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		MAHARAJAS COLLEGE, ERNAKULAM	
22.	T 22	Dr. AJISH K R ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY CMS COLLEGE(AUTONOMOUS) KOTTAYAM	
23.	T 23	Prof. SNAGARAJAN PROFESSOR & HEAD DEPARTMENT OF CHEMISTRY CENTRAL UNIVERSITY OF TAMIL NADU THIRUVARUR	
24.	T 24	Mrs. ABHITHA K ASSISTANT PROFESSOR DEPARTMENT OF POLYMER SCIENCE AND RUBBER TECHNOLOGY CUSAT, KOCHI - 22	
25.	T 25	Dr. REMALAKSHMY PODUVAL ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY DEVASWOM BOARD COLLEGE THALAYOLAPARAMBU	 
26.	T 26	Dr. PRAKASH P N INSTITUTE OF NANO SCIENCE AND TECHNOLOGY HABITAT CENTRE, PHASE 10, SECTOR 64 MOHALI - 160062, PUNJAB	
27.	T 27	Mrs. SHENEYA FESTUS ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY ST. XAVIER'S COLLEGE FOR WOMEN ALUVA	
28.	T 28	Mrs. SREEKALA S SHARMA ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY	