

Technical Session 4
Lecture 1
Dr. Jai Anand Garg
(DST-SERB Young Scientist Fellow, Dept. of Chemistry, IIT Madras, Chennai)
Organometallic Gold Complexes for Light Emitting Applications and Energy Sustainability using Homogeneous Catalysts



- 2.30 pm – 3.00 pm : **Poster Presentations**
3.00 pm – 4.00 pm : **Oral Presentations**
4.00 pm – 4.15 pm : **Tea Break**
4.15 pm – 04.30 pm : **Interactive Session with the Resource Persons of the Day**
4.30 pm – 5.00 pm : **Valedictory Function & Prize Distribution**

Call for Oral/Poster Presentation

The GACS-2019 invites participation from members of academia and industry to submit abstracts of unpublished original research work focusing on the subject areas for presentation as papers/posters.

Authors should electronically submit abstracts of paper/poster presentations (MS word document, max. one A4 size page, Times New Roman 12 font size, image max. 8 x 5 cm or 2 MB whichever is lesser) to sgcacs2019@gmail.com. The submission should specify in the mail whether the author/s opt for oral or poster presentation. The best oral and poster presentation from students and research scholars will be awarded cash prize along with certificate of appreciation.

Registration Details, Fee Structure & Deadline

All the participants of GACS-2019 should register in advance by filling the registration form available in the website <http://gregorioscollege.org/> and paying registration fee. The registration fee may be paid to through DD/cheque/online drawn in favour of Dr. Binil P. Sasidharan, the convener GACS-2019, Dept. of Chemistry, S. G. College, Kottarakara payable at SBI, Pulamon Branch, Kottarakara (Account number: 67344981314, IFSC- SBIN0070272).

Fees*	Students	Research Scholars	Faculty/Scientist
	Rs. 200/-	Rs. 400/-	Rs. 800/-

*Registration fee includes Conference Kit, Conference Certificate and Refreshments.

Last date Submission of Abstract is 5th November 2019.

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NATIONAL SEMINAR ON

GREEN APPROACHES TOWARDS CHEMICAL SYNTHESIS

7th & 8th November 2019

Sponsored by
Science and Engineering Research Board (DST-SERB)
Govt. of India



Organized by



POSTGRADUATE DEPARTMENT OF CHEMISTRY
ST. GREGORIOS COLLEGE
KOTTARAKARA, KOLLAM, KERALA-691513

Affiliated to the University of Kerala and Reaccredited by
NAAC with 'B' grade.



Venue
Seminar Hall
St. Gregorios College

About the College

St. Gregorios College, Kottarakara was founded in 1964 by His Grace Mathews Mar Coorilos, the Bishop of Kollam Diocese of Malankara Orthodox Church. The affiliation of the college is with the University of Kerala, Thiruvananthapuram and the College is reaccredited by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission with B Grade (score 2.85). The college offers 4 Post Graduate and 9 Under Graduate courses. This institution has moulded more than sixty thousand students who have blossomed out to our vast world.

About the Department

The Department of Chemistry marked its beginning in 1964. UG and PG courses are offered by the department. PG course was started in the year 1995. From the inception, the department secures one among the top positions in University of Kerala and continuously produces rank holders. Five faculty members are PhD degree holders and another five are currently doing part time doctoral research.

About the Seminar

Green strategies in chemical sciences have a significant role in this contemporary era of fast growing technologies to assist developments through pollution free environment and to enhance clean future energy. A seminar comprising recent developments in the areas of catalysis and other means of green approaches would strengthen interest and motivation and would enable further in the learning and research activities in and around the region. The two day national seminar titled "Green Approaches towards Chemical Synthesis (GACS-2019)" aims at bringing students, teachers, researchers, scientists and other interested parties to a platform to share their knowledge, ideas and research outcomes.

Dear Sir/Madam,

The Department of Chemistry, St. Gregorios College, Kottarakara, Kerala, is organizing a two day National Seminar on "Green Approaches towards Chemical Synthesis (GACS-2019)" on 7th & 8th November 2019. The seminar comprises lectures by various eminent personalities from reputed institutes in India. We invite original research papers in the areas of chemical sciences for oral/poster presentations for teachers, research scholars and students. We believe that the seminar would be a suitable platform for the participants to share their knowledge and ideas there by contributing for further development in the area.

We request your participation for making this event a very successful one.

Thanking You,

Dr. Suman Alexander
Principal
Dr. Binil P Sasidharan
Convener (GACS-2019)

Dr. Francis Chacko
HOD Department of Chemistry
Dr. Remya R.
Co-Convener (GACS-2019)

PROGRAMME SCHEDULE Thursday, 07th November 2019

08.30 am – 09.45 am **Registration**
09.45 am – 10.45 am **Inaugural function**
Welcome
Dr. Francis Chacko
(Head of the Department)
Dr. Suman Alexander
(Principal)
Presential Address
Prof. A. Jayakrishnan, FASc, FNA
Inauguration & Address
Prof. S. Subramanian, FASc, FNA
Keynote Address
Rev Fr. Baby Thomas
(Retd. Prof. & Manager)
Felicitation
Dr. Binil P. Sasidharan
(Convener, GACS-2019)
Vote of Thanks
Tea Break
10.45 am – 11.00 am

Technical Session 1

11.00 am – 12.00 noon
Dr. A. Jayakrishnan, FASc, FNA
(Raja Ramanna Fellow, Former Vice Chancellor, University of Kerala & CUSAT, Kochi; Former Professor, IIT Madras)

Novel Nanotechnological Approaches for the Treatment of Leishmaniasis using n-2-Propylquinoline

12.00 noon – 01.00 pm
Dr. S. Subramanian, FASc, FNA
(Adjunct Professor & NSA Visiting Scientist, Department of Chemistry, IIT Madras; President, National Magnetic Resonance Society)

The Evolution of Magnetic Resonance Spectroscopy from Physics to Chemistry to Biology to Medicine - An Amazing Journey

01.00 pm – 01.45 pm **Lunch Break**

01.45 pm – 02.45 pm
Dr. Irishi N. N. Namboothiri
(Professor, Department of Chemistry, IIT Bombay, Mumbai)
Organocatalysis: A Paradigm Shift in Asymmetric Synthesis

02.45 pm – 03.00 pm **Tea Break**
03.00 pm – 04.00 pm
Lecture 2
Dr. I. Ibusaud
(Professor & Director, IIRBS, M. G. University, Kottayam, Kerala)
Diversity Oriented Synthesis using Garcinia and Hibiscus Acids

04.00 pm – 05.00 pm **Oral presentations**

Friday, 08th November 2019 Technical Session 3

09.30 am – 10.30 pm
Lecture 1
Dr. S. Baskaran, FASc, FNA
Institute Chair Professor
Department of Chemistry
IIT Madras, Chennai
Reversal of Polarity by SET Oxidation: Domino Synthesis of Heterocyclic Ring Systems

10.30 am – 11.30 am
Lecture 2
Dr. Dipankar Srimani
(Asst. Professor, Dept. of Chemistry, IIT Guwahati, Assam)
Application of Acceptorless Dehydrogenation and Hydrogen Auto-transfer in Sustainable Synthesis

11.30 am – 11.45 am **Tea Break**
11.45 am – 12.45 pm
Lecture 3
Dr. Rajesh Kunjanpillai
(Asst. Professor & DST-SERB Young Scientist Fellow, Dept. of Chemistry, St. Albert's College (Autonomous), Kochi)

Nickel(II) Catalyzed Michael type Hydroamination of Activated Olefins using Arylamines
Lunch Break

12.45 pm – 1.30 pm