

EMERGING TRENDS IN CHEMICAL SCIENCE 2019 (ETCS 2019)

A National Seminar Organised by

**PG & RESEARCH DEPARTMENT OF CHEMISTRY
NSS HINDU COLLEGE CHANGANACHERRY**
(Accredited with 'A' Grade by NAAC)

in association with

INDIAN CHEMICAL SOCIETY (ICS), KOLKATA

&

MAHATMA GANDHI UNIVERSITY, KOTTAYAM



September 19 & 20, 2019

venue

Auditorium
NSS Hindu College Changanacherry

www.nsshinducollege.org

ETCS 2019

The PG and Research Department of Chemistry, NSS Hindu College Changanacherry is hosting a National Seminar 'EMERGING TRENDS IN CHEMICAL SCIENCE 2019 (ETCS 2019), in association with Indian Chemical Society (ICS), Kolkata and Mahatma Gandhi University, Kottayam on September 19 & 20, 2019. You are cordially invited to participate in this venture. The seminar is intended to bring the recent developments in Chemistry field to the research and student community.

NSS HINDU COLLEGE CHANGANACHERRY

NSS Hindu College, Changanacherry, the earliest among the institutions of higher education was established by the Nair Service Society in 1947. College is affiliated to Mahatma Gandhi University and has been accredited with 'A' Grade by the NAAC in third cycle. The formal functioning of the college was inaugurated by Dr. S. Radhakrishnan, the then Vice-President of India in 1956. At present the college offers 14 Undergraduate courses and 11 Postgraduate Courses and 3 Add-on courses. Besides, Mahatma Gandhi University as approved seven departments (Zoology, Malayalam, History, Mathematics, Hindi, Economics and Chemistry) as research centers.

Chemistry department started functioning in 1957 with an undergraduate course. Post Graduate course in pure chemistry was introduced in 1995. Department was upgraded as Research Centre in 2019.

INDIAN CHEMICAL SOCIETY (ICS)

The Indian Chemical Society, a premier Scientific Society of India, was founded in 1924, as National Forum for the community of chemists and members of allied disciplines in the country. The driving force behind its establishment was the nationalistic spirit prevailing in India under British rule. J. N. Mukherjee, J. C. Ghosh and S. S. Bhatnagar while carrying out their research work in the University College, London in 1919 for the D.Sc. Degree, took a decision that after coming back to India their endeavour would be to establish a Chemical Society like the Chemical Society of London. Their cherished dream was transformed into a reality with active cooperation of many of the leading personalities in the country, and the Indian Chemical Society was founded on May 9, 1924, as a registered Society, with Sir Prafulla Chandra Ray, the doyen of Indian Chemists, as the First President.

PROGRAMME

September 19, 2019 (Thursday)

09.00 – 10.00 **Registration**

10.00 – 11.15 **Inaugural Session**

- Prayer & Acharyanusmaranam
- Welcome:
Dr. Anilkumar S. (IQAC Coordinator & Head, Department of Chemistry)
- Presidential Speech:
Professor D. C. Mukherjee (President, ICS)
- Inauguration and Inaugural Address:
Dr. Sujatha S. (Principal & Member Syndicate, MG University)
- Felicitation to Professor K. L. Sebastian and Life Time Achievement Award by President, ICS
- Honouring Professor K. L. Sebastian by the Principal, NSS Hindu College Changanacherry.
- Address by Guest of Honour
Professor K. L. Sebastian (IIT Palakkad)
- Guest Address:
Professor P. Ramamurthy (Madras University, Chennai)
- Guest Address:
Dr. B. U. Nair (CLRI, Chennai)
- Vote of Thanks
Professor C. Sinha (Jadavpur University, Kolkata & Hon. Secretary, ICS)

11:15-11:30 *Tea Break*

Technical Session I Chairperson: Professor D. C. Mukherjee

11.30-12:30 *(Lecture 1) Professor P. Ramamurthy*

« Topic »

12:30-01:30 Lunch Break

Technical Session II Chairperson: Professor P. Ramamurthy

01:30-02:15 *(Lecture 2) Dr. B. U. Nair, CLRI*

« Topic »

02:15-03:00 *(Lecture 3) Professor C. Sinha*

« Topic »

03.00-03:15 Tea/Coffee

Technical Session III

03.15-04:00 **Paper Presentation Chairperson: Dr. Cyril Augustine**

September 20, 2019 (Friday)

Technical Session III Chairperson: Dr. Cyril Augustine

10.00-10.45 *(Lecture 4) Dr. Subila K. B.*
Band gap Engineering of Lead-halide Perovskites

10.45-11:00 *Tea/Break*

11.00-11.45 *(Lecture 5) Dr. Suja Haridas*
Porphyrine Mediated Hydrogen Evolution

11.45-12.30 Poster Presentation

12:30-01:30 Lunch Break

Technical Session IV

01.30-03.00 **Paper Presentation Chairperson: Dr. Vibin M.**

03.00-03:15 Tea/Coffee

03.15-03:45 Valedictory Function

Registration

Registration fee can be remitted at the time of registration which includes conference materials, lunch and local hospitality. Registration Fee: Students-100/-, Research Scholars-200/- & Faculties-350/-. Participants are requested to make their own arrangement for accommodation.

Call for Papers

Prospective authors are invited to submit abstracts of the original work in standard format to racs2019@gmail.com. One page abstract in MS Word format (Times New Roman 12) must reach electronically on or before September 10, 2019 for oral/poster presentations. The abstract should include the title, name of authors, full postal address including e-mail address. The presenting and corresponding authors should be specified. Accepted abstracts will be intimated by September 13, 2019 and full paper has to be submitted on or before September 16, 2019. Accepted papers will be published in the conference proceedings with an ISBN number.

Poster must not be larger than 100 cm X 100 cm. Prizes will be awarded for best oral presentation and best poster presentation.

Important Dates

Abstract : September 10, 2019.
Registration : September 15, 2019
Full Paper : September 16, 2019

Resource Persons

- **Prof. P. Ramamurthy, Madras University, Tamilnadu.**
- **Dr. B. U. Nair, CLRI, Chennai.**
- **Prof. C. Sinha, Jadavpur University, Kolkata.**
- **Dr. Suja Haridas, CUSAT, Kerala.**
- **Dr. Subila K. B., Mahatma Gandhi University, Kerala.**

Organising Committee

- Chairperson : **Dr. Sujatha S.**
(Principal, NSS Hindu College Changanacherry & Member Syndicate MG University, Kottayam)
- Conveners : **Professor C. Sinha** (Honorary Secretary, Indian Chemical Society)
Dr. Anilkumar S. (IQAC Coordinator, NSS Hindu College Changanacherry)
- Coordinators : Dr. Vinayakan R. (Assistant Professor of Chemistry)
Dr. Jayaprabha K. N. (Assistant Professor of Chemistry)
- Members : Dr. Saumya S. Pillai (Assistant Professor of Chemistry)
Dr. Dhanya S. (Assistant Professor of Chemistry)
Dr. Savitha K. U. (Assistant Professor of Chemistry)
Dr. Arya Anil (Assistant Professor of Chemistry-Contract)
Ms. Keerthy Rajan (Guest Faculty-Contract)
Ms. Maya M. Nair (Guest Faculty-Contract)
Ms. Chithra Sekhar V. (Guest Faculty-Contract)

For all correspondance, contact;

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How to Reach

NSS Hindu College is located 1 km south to Changanacherry KSRTC bus terminal and 3 km south to Changanacherry railway station. Nearest airport is Cochin International Airport (105 km).