Organiser CHEMICAL SOCIETY

CENTENNIAL JUBILEE CELEBRATION

ACC 2025 Annual Convention of Chemists 20th-21st Dec 2023 | IIT Delhi Campus, Hauz Khas, New Delhi

THEME

NET ZERO GOAL & SUSTAINABILITY: ROLE OF CHEMICAL SCIENCES IN GREEN ENERGY, CIRCULAR ECONOMY AND PROSPERITY OF INDIA

Centennial Jubilee Year

As the President of the Indian Chemical Society, which entered the Centennial Year on May 9, 2023, I am honoured and privileged to invite you all to join us for the celebration mega event which we have planned in New Delhi from December 20-21, 2023. We have planned a series of conferences during the year with the valedictory function being in Mumbai from August 2-4, 2024.

The theme for the Entire Year's Conferences: Net Zero Goal &, Sustainability: Role of Chemical Sciences in Green Energy, Circular Economy, and Prosperity of India. These conferences will include participation by leading industries, academics, Noble Laureates and students, international Chemical Societies and Padma awardees. Hon'ble Shri Nitin Gadkari, Cabinet Minister for Road Transport has kindly agreed to be the Chief Guest. Several sessions have been planned. We are approaching Hon'ble President of India to inaugurate the conference during one of the two days.

It is a matter of great coincidence that G20, S20 and Azadi ka Amrut Mahotsav were organized during this year in different places in the country. The Centennial Jubilee Celebration will showcase the strength of Indian Chemistry and Chemical Industry. We have appointed a Local Organizing Committee. CSIR is the co-host. Dr. Ranjana Aggarwal, Director, CSIR-NISCPR is the Co-Chair.

The inaugural function was held on May 9, 2023, in Kolkata with Dr. C. V. Ananda Bose, Hon'ble Governor of West Bengal in the presence of a galaxy of scientists, Padma awardees and captains of Industry. Several important events will be organized throughout the Centennial Year from May 9, 2023 to August 2, 2024.

The Indian Chemical Society was founded by the great son of India, Sir Acharya Prafulla Chandra Ray on 9th May 1924. The Society is a premier Scientific Society of India, was founded as National Forum for the community of chemists and members of allied disciplines in British India. The driving force behind its establishment was the nationalistic spirit prevailing in India under British rule. Drs. J. N. Mukherjee, J.C. Ghosh and S.S. Bhatnagar. Acharya P.C. Ray was the first academic entrepreneur having established the Bengal Chemicals & Pharmaceuticals in 1901, which is now a Govt. PSU and was known for the manufacture of hydroxychloroquine which was in the limelight during the covid pandemic. It is our plea to the Government to declare August 2, the birthday of Acharya as the National Science Day.

60th ACC 2023 - Annual Convention of Chemists

It is with great pleasure and pride that I welcome you to the 60th Annual Convention of Chemists (ACC 2023), organized by the Indian Chemical Society which is part of the Centennial Jubilee Celebration. As we gather to celebrate the society's remarkable journey over a century, we also embark on an exciting new chapter, exploring the critical role of chemistry in the next zero goal, circular economy, and sustainability.

For a century, the Indian Chemical Society has been at the forefront of advancing the field of chemistry in India. Our journey from a national forum for chemists to a premier scientific society has been one of dedication, innovation, and unwavering commitment to the pursuit of knowledge. Our founders' vision has transformed into a vibrant and thriving community of scientists, researchers, and students, all united by a shared passion for chemistry.

In this 60th edition of our Annual Convention, we come together to explore and celebrate the contributions of chemistry to a sustainable future. From the fundamental principles of green chemistry to the transformative power of materials science, from circular economy strategies to innovative approaches in energy solutions, we will delve into the ever-evolving landscape of our discipline. 60th ACC will not only showcase cutting-edge research but also honor the excellence and dedication of our community.

I am particularly eager to see the participation of young chemists, the future torchbearers of our society. This event provides a platform for them to share their research & connect with seasoned scientists from India & around the world. The exchange of ideas and mentorship will undoubtedly shape the future of our field.

In the spirit of the next zero goal and sustainability, let us collectively strive to make our world a better place. I am confident that the 60th Annual Convention of Chemists will be a resounding success, fostering collaboration, inspiring innovation, and enriching our understanding of the chemistry that shapes our world.

I look forward to an exciting and enlightening event and to the continued growth and success of the Indian Chemical Society.

With warm regards,

Prof. G. D. Yadav,

President, Indian Chemical Society
Former VC, Institute of Chemical Technology, Mumbai

Chief Patron



Shri Nitin Gadkari Hon'ble Union Minister of Road Transport & Highways, Government of India

Patron



Prof. M. M. Sharma
Former Director
ICT Mumbai
Padma Vibhushan Awardee

Patron



Dr. R. A. Mashelkar Chancellor, ICT, Mumbai Former Director General CSIR & Secretary, DSIR, Gol Padma Vibhushan Awardee

Patron



Dr. N. Kalaiselvi Director General CSIR & Secretary DSIR, Gol

Chairman



Prof. G. D. Yadav
President, Indian Chemical Society
National Science Chair (SERB/ DST/ Gol)
Emeritus Professor of Eminence
Former Vice-Chancellor, ICT, Mumbai
Padma Shri Awardee

- ACC 2023 Program Committee

Chairman

Prof. G. D. YadavPresident, Indian Chemical Society

Chairman - LOC

Prof. Ramesh Chandra Vice Chancellor Maharaja Surajmal Brij Vishwa Vidyalay

Co - Chair

Prof. Ranjana Aggarwal
Director
CSIR. NISCPR

Organising Secretary

Prof. Satish K Awasthi Chemistry Head Delhi University

Joint Organizing Secretary

Dr. Akhilesh K VermaProf of Chemistry
Delhi University

Member

Prof. Lakshmi Kantam Dr. B. P. Godrej Distinguished Professor, ICT, Mumbai

Member

Prof. B. M. Bhanage HOD, Chemistry ICT, Mumbai

Member

Prof. V. K. Rathod HOD, Chemical Engineering ICT, Mumbai

Member

Prof. Sudip Kumar Das Honorary Secretary ICS

Member

Ravi Boratkar Managing Director MM Activ Sci-Tech Communications

Executive Officer

Dr. Rahul Bhattacharya Executive Officer ICS

ICS Council Members

President

Prof. G. D. Yadav

Vice-President (Elected)
Prof. Rakshit Ameta

Vice-President (Chairperson, Raipur Branch)
Prof. Kallol K Ghosh

Honorary Secretary
Prof. Sudip Kumar Das

Honorary Treasurer
Dr. Avijit Ghosh

Honorary Editors

Prof. A C Bhasikuttan, Physical & Industrial Chemistry Section Prof. Samaresh Bhattacharya, Inorganic & Analytical Chemistry Section Prof. Jyotirmayee Dash, Organic & Biochemistry Section Prof. B. M. Bhanage, Engineering Chemistry & Green Technology Section
Prof. V. K. Srivastava, Analytical & Environmental Chemistry Section
Prof. B. Ros. Pharmacouticals & Organic Chemistry Section

Prof. P. Das, Pharmaceuticals & Organic Chemistry Section

Head Quarter -Council Members

Prof. Chhanda Mukhopadhyay Prof. Susanta Lahiri Prof. Ashutosh Ghosh Eastern Zone -Council Members

Dr. Jhimli Bhattacharyya Mr. Ashok Kumar Jha Dr. Shivendu Ranjan Southern Zone -Council Members

Dr. Sujoy Sarkar Dr. V Sivamurugan Dr. S. Vasudevan Western Zone -Council Members

Prof. Damodar Shambhag Prof. Anindya Datta Prof. Virendra K Rathod Northern Zone -Council Members

Dr. Om Prakash Prof. (Dr.) Sanjay K. Sharma Professor Diwan S Rawat

Advisors

Prof. Suresh C. Ameta Prof. R. N. Prasad Prof. Ramesh Chandra Prof. Sukh Dev Dr. Jai P. Mittal Prof. Dulal C. Mukherjee Prof. K. B. Pandeya Prof. Sunil Kumar Talapatra Prof. M. C. Chattopadhyaya

Organic & Biochemistry

Prof. Akhilesh K Verma University of Delhi, Delhi

Section

Inorganic & Material Chemistry Section

Prof. Pradeep K SharmaJ N V University, Jodhpur

Analytical & Environmental Chemistry

Scientists-in-charge

Prof. Vimal Chandra Srivastava Indian Institute of Technology Roorkee

Prof. A D Sawant Institute of Science, Mumbai Physical Chemistry Section

Prof. Siva Umapathy IISc. Bangalore

Chemical Engineering & Green Chemistry Section

Prof. V. K. Rathod HOD, Chemical Engineering ICT, Mumbai

Prof. B. M. Bhanage HOD, Chemistry ICT, Mumbai

International Advisory Members

Prof. Yasuhiro Iwasawa, University of Electro-Communications Chofu, Japan

Prof. Takehiko Sasaki, The University of Tokyo

Prof. Suresh Bhargava, RMIT University, Australia

Prof. G.K Suryaprakash, USC, Los Angeles

Prof. Mayasuki Shirai, Iwate University, Japan

Prof. Matthias Beller, Leibniz Institute for Catalysis, Germany

Prof. Ramani Narayan, MSU, USA

Prof. Ajay Dalai, University of Saskatchewan, Canada

Prof. Chennupati Jagadish, Australian National University, Canberra, Australia

Prof. Samir Mitragotri, Harvard, USA

Dr. Shashank Mishra, Université Claude Bernard Lyon1, France

Prof. Ajayan Vinu, University of Newcastle (UON), Australia

Prof. K. V. Ramanujachary, Rowan University, USA

Prof. Subhash Jonnalagadda, Rowan University Rowan University, USA

Prof. Vikramaditya Yadav, University of British Columbia, Canada **Prof. Rajender S. Varma**, Environmental Protection Agency, USA

Prof. Nazeeruddin, EPFL, Switzerland

National Advisory Members -

Prof. Abhay Karandikar, DST Secretary, New Delhi

Prof. Ashutosh Sharma, Former DST Secretary & Professor, IIT, Kanpur

Prof. V. K. Singh, Professor, IIT, Kanpur

Dr. Thirumalachari Ramaswami, Former DST Secretary, Chennai

Prof. V. Chandrasekhar, Director, TIFR center, Hyderabad

Prof. A. K. Tyagi, Director, Chemistry Group, BARC, Mumbai

Prof. Santanu Bhattacharya, Director, IISER, Tirupathi

Prof. P. Selvam, IIT, Madras

Prof. B. Mahipal Reddy, BITS, Hyderabad

Dr. Ashish Lele, Director, NCL, Pune

Dr. S. Kannan, Director, CSMCRI, Bhavnagar

Prof. Ashok Ganguli, Director, IISER, Berhampur

Prof. S. Natarajan, IISC, Bangalore

Prof. G. U. Kulkarni, Director, JNCASR, Bangalore

Prof. Mugesh, IISC, Bangalore

Prof. Kulamani Parida, Siksha 'O' Anusandhan University, Bhubaneswar

Prof. Neera Raghav, Chemistry Dept, Kurukshetra university, Kurukshetra

Prof. Sonal Singhal, Panjab University, Chandigarh

Dr. Raksh Vir Jasra, Reliance Technology Group, Vadodara

Prof. Sukhprit Singh, GND University, Amritsar

Prof. P. Shyamala, Chemistry Dept, Andhra university, Visakhapatnam

Prof. Ramesh Ch. Deka, Vice Chancellor, Cotton University, Guwahati

Dr. P A Hassan, BARC, Mumbai

60th ACC 2023 - Conference Highlights

Event Spectrum

- International Conference
- Invited Talks

Keynote Address

- **Oral Presentations**
- Poster Presentations

- Awards

- Sponsor Showcase
- Journal Publications

Submission of Abstracts for Oral Presentation & Poster Session

ACC 2023 Welcomes abstracts for Oral Presentation & Poster relevant to the Focus Areas of the International Conference via the event website www.icsacc.com All abstracts must be submitted online.

Deadline for Abstracts Submission: 26th November, 2023 Notification of Acceptance: 30th November, 2023

All Papers will be published in the Conference Proceedings and selected papers will be published in highly reputed International Journals.



Key Focus areas for the Conference —

The focus areas for the conference are diverse and encompass a wide range of topics within the field of chemistry.

- Green Chemistry
- Inorganic Chemistry
- Organic Chemistry
- Materials Chemistry
- Nuclear Energy
- Minerals

- Batteries
- NEP & Teaching Chemistry
- Hydrogen Technologies
- Photocatalysis
- Use of Al in Chemical Synthesis
- Nanocafalysis

- Drug Delivery
- Fluorine Chemistry
- · Waste to Wealth
- Patenting & IPR Evaluation

For more deatils please visit - www.icsacc.com



Awards -

- 17 Endowment Awards of ICS
- 100 awards for Research Students presenting Papers & Posters (50% reserved for women researchers)

Note: * Sole discretion by the awards committee

Conference Delegate Registration Fees

Participant	Industry Delegates	Academic Delegates	Students (PG/PhD)	Students (B.Tech/UG)	International	Accompanying Delegates (Spouse)
Regular	₹ 7000/-	₹ 4000/-	₹ 3000/-	₹ 2200/-	USD \$100 (Commonwealth Chemistry)	Industry Delegates ₹ 3000/-
On-Spot Registration	₹ 8000/-	₹ 5000/-	₹ 4000/-	₹ 2500/-	USD \$200 (Others)	Academic Delegates ₹ 2000/-

Please Note:

All rates are applicable per person

+ GST 18% Extra

Entitlements per Delegate - Access to all sessions
Accommodation and Travel not Included



Chemistry is the study of matter, but I prefer to think of it as the study of transformation. It's the science that explores how one substance can be transformed into another, and that's where the real magic lies.

- Sir Acharya Prafulla Chandra Ray







Supported By















































Media Partner **ChemicalWeekly**

Event Secretariat

Mumbai



Denzil D'souza

+91 98214 47064 I denzil.dsouza@mmactiv.com

For Conference Details

Marilyn Fernandes

+91 98330 63558 I marilyn.fernandes@mmactiv.com

Kolkata -

Dr. Rahul Bhattacharya

+91 98311 82848 I ics.correspondence@gmail.com

Delhi -

Manas Das

+91 98992 08916 I manas.das@mmactiv.com