

National Convention of Chemistry Teachers(NCCT)

National Convention of Chemistry Teachers is a much awaited annual event held in different parts of the country. NCCT provides a platform to teachers and scientists to present their research work. Invited lectures by eminent experts, demonstration of innovation teaching methods and experiments and paper presentations by the participants are some of the noteworthy features of NCCT. On this occasion ACT Awards are presented to the Outstanding Chemistry Teachers of the country in appreciation of their rich contributions to Chemistry Education and Research.

Chemistry for Sustainable Development: Empowering Change Through Education and Research

Chemistry, often referred to as the "central science," plays a pivotal role in addressing some of the world's most pressing challenges. Among these challenges, the Sustainable Development Goals (SDGs) stand as a global blueprint for a better, more sustainable future. As the India's responsible scientific society, the Association of Chemistry Teachers (ACT) is uniquely positioned to make a significant impact in achieving these goals. Through education, research, and fostering a sense of social responsibility, chemistry can be a powerful catalyst for sustainable development.

The Role of Chemistry in Sustainable Development

Chemistry underpins a wide array of industries and technologies, making it indispensable to achieving the SDGs. From clean energy production to water purification and waste management, chemistry provides the innovative solutions necessary for a sustainable future. The SDGs themselves cover a broad spectrum of issues, including poverty alleviation, climate action, and health improvements, all of which benefit from the contributions of chemistry.

Promoting Green and Sustainable Chemistry Education

One of the key avenues through which chemistry can drive sustainable development is education. ACT is committed to promoting green and sustainable chemistry education. This entails teaching students not only the fundamental principles of chemistry but also the importance of conducting research and manufacturing processes with sustainability in mind. It involves fostering a mindset that values the environment and social responsibility.

Encouraging Research for Sustainability

Chemical research plays a vital role in developing sustainable solutions. ACT supports and encourages its members to engage in research that addresses real-world sustainability challenges. This may involve the development of new materials, processes, or technologies that reduce environmental impacts, conserve resources, and improve overall quality of life.

The Association of Chemistry Teachers (ACT) recognizes the pivotal role that chemistry plays in achieving sustainability and is dedicated to empowering educators, researchers, and students to contribute to this cause. By embracing green and sustainable chemistry education, promoting responsible research, and advocating for sustainable practices, ACT and its members are actively working towards a more sustainable and prosperous world. As we look to the future, it is clear that chemistry will continue to be at the forefront of efforts to protect our planet and improve the quality of life for all.

The NCCT 2023 encourage and inspire all scientists, researchers, faculties, educators and students to understand the importance of the sustainable development goals and to add the concept of sustainability into their action plans and lessons with activities, ideas and curriculum-linked resources.

ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

The Association of Chemistry Teachers (ACT) was formed in 2000 to serve as an apex national body of Chemistry educators to promote excellence in Chemistry Education. The idea of formulating ACT was conceptualized by Homi Bhabha Centre for Science Education (TIFR), Mumbai. The Association brings together on a common platform, higher secondary school teachers, college and university teachers, scientists and researchers from industry for organizing subject related activities.

Since its inception, ACT has been striving tirelessly to strengthen Chemistry education in India and to motivate students to pursue Chemistry as a career through its manifold activities- national and international conferences, training workshops, research convention, Concept test in Chemistry for B Sc students, newsletter, celebration of National Chemistry Day and National Science Day and organization of Chemistry competitions for school and college students. The Association plays a pivotal role in the organization of National Standard Examination in Chemistry (NSEC) which is the first stage examination leading to participation in the Indian National and International Chemistry Olympiads. ACT forges a synergistic relationship between academia, industry and research centres for mutual benefit and seeks collaboration with International Science Teacher organizations for joint activities.

ACT has a large network of active Life members and institutional members spread across the country. The leading chemical scientists of India are Honorary Members of ACT and provide valuable guidance and support.

Gujarat Council on Science & Technology

Gujarat Council on Science & Technology (GUJCOST), is an autonomous body registered under the Societies Registration Act in February 2000, has emerged as an effective and large-scale science education and science popularization platform in the state and country to promote innovative and experimental activities through hands-on activities and minds-on exposures. Earlier it has been established as a cell under Department of education since September 1986. With its innovative concept and design along with regular scientific activities and educational programmes, the GUJCOST is capturing new heights in scientific excellency and in public understanding of Science & Technology.

GUJCOST's dedication to promoting STEM learning and creating an ecosystem for scientific research, technology development, and intellectual property management is commendable. By actively collaborating with science, engineering, and pharmacy institutions, as well as university departments, GUJCOST enhances research and intellectual property (IP) activities. This collaborative approach strengthens the state's scientific and technological capabilities while fostering innovation and knowledge creation, and advances research, technology, and IP management in Gujarat!

Through these various initiatives, GUJCOST actively contributes to science education, promotes scientific thinking and innovation, and creates an environment conducive to learning, exploration, and research. Its efforts to engage students, teachers, and the community in science and technology make it a valuable educational institution in the field of science education and popularization.

Gujarat Science City

Gujarat Science City in Ahmedabad is a unique and interactive science centre built on a sprawling campus of over 100 acres, to promote and encourage the understanding of science and technology in a fun and engaging way. It is a hub of scientific and technological activities, exhibitions, and events that cater to people of all ages.

The Science City is divided into several sections, each with to inspire and engage visitors of all ages through its various exhibits, attractions and events. The science city has a range of attractions that showcase various fields of science and technology. The most popular of these include the Aquatic gallery, Robotics gallery, Energy Park, Hall of Space, Life Science Park, and Planet Earth Pavilion. The IMAX 3D Theatre at the Science City is the first of its kind in India, offering a fully immersive movie-watching experience with high-quality 3D visuals and surround sound.

Gujarat Science City is home to various educational programs and workshops, aimed at fostering an interest in science and technology among students and the general public.

NATIONAL CONVENTION OF CHEMISTRY TEACHERS (NCCT 2023)

Association of Chemistry Teachers (ACT)
Organized by Gujarat Council on Science and Technology
Ahmedabad
October 27-29 /2023

REGISTRATION FORM

Name of Participant (in BLOCK LETTERS)

Institute/University/College with pin code

Email :-

Contact No :-

If presenting a paper, title of abstract

Accommodation Required : Yes No

Accommodation can be arranged in hotels with payment of hotel charges in advance.

LM Number of ACT Member

Signature of Participant

Registration fees Rs 750/- per head

Online payment of registration fees should be made to the following account:

Name of Account : Association of Chemistry Teachers

Name of Bank : Central Bank of India

Name of Branch : Mankhurd Branch, Mumbai 400088

Account No. 3175982972 IFSC Code : CBIN282523

After the payment is done, the acknowledgement slip from the bank along with Transference Reference Number and the filled in registration form along with the abstract must be sent online to dvprabhu48@gmail.com (Dr D V Prabhu, General Secretary, ACT) and sanrasam@gmail.com (Mrs Sandhya Rasam, ACT Office Incharge, HBCSE)

A copy of the filled-in registration form along with the abstract all details should be sent to Dr Poonam Bhargava at pbhargava16@gmail.com

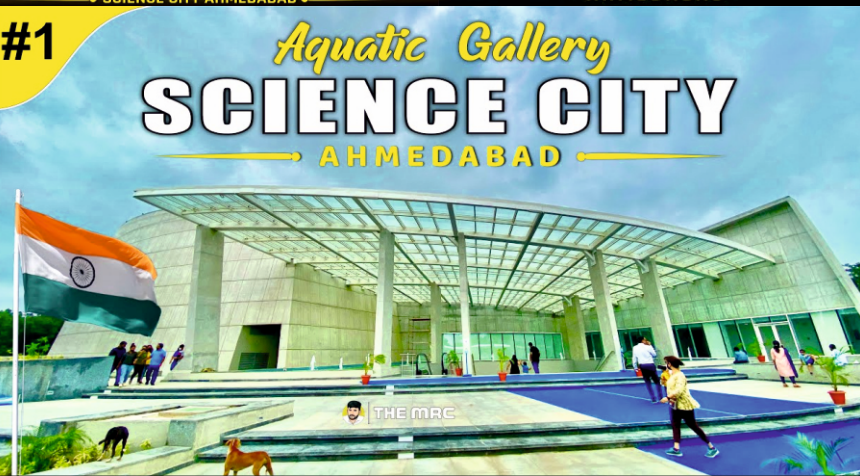
IMPORTANT DATES

Last date for Registration	11 Oct, 2023
Last date for Abstract Submission	16 Oct, 2023
Notification for acceptance of abstract	18 Oct, 2023

Accommodation: The organizers are arranging limited accommodation at nearby institutional Guest house / hotel. This will be available for first- cum- first - serve basis. Necessary charges will be paid by the respective guests.

Those who are willing to avail accommodation at hostels, they can send their requisition to the the organizer on email in advance.

Wheather : The weather of Ahmedabad is Pleasant and generally dry during October. daily temprature will range from 15^o to 20^o c.



Convenor : Dr Narottam Sahoo
Advisor & Member Secretary
 Gujarat Council on Science and Technology (GUJCOST)

Co-Convenor : Dr D V Prabhu, Founder General
 Secretary, Association of Chemistry Teachers

NATIONAL ADVISORY COMMITTEE

1) Padma Shri Prof Dr G D Yadav,
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 ICT, Mumbai President, Indian Chemical Society

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 Sciences, University of Mumbai, Mumbai

9) Prof Dr D C Deka,
 Vice Chancellor, University of Mizoram, Mizoram

NATIONAL ORGANIZING COMMITTEE

1) Prof Brijesh Pare,
 President, Association of Chemistry Teachers (ACT)
 Madhav Science PG College, Ujjain

2) Prof D V Prabhu,
 Wilson College, Mumbai-General Secretary, ACT

3) Prof Hemant Khanolkar,
 Fr. Conceicao Rodrigues College of Engineering, Mumbai

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 Formerly, Hislop College, Nagpur

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 IIS University, Jaipur

14) Prof Wasudeo Gurnule
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15) Prof Gitimoni Deka
 Rangia College, Rangia, Assam

16) Prof Anand Aswar,
 Formerly Amravati University, Amravati, Maharashtra

17) Prof Savita Ladage,
 Dean of Academic Affairs, HBCSE (TIFR), Mumbai

18) Prof Sudesh Ghoderao,
 RNC Arts, J D B Commerce and NSC Science College,
 Nashik Mrs Swapna Narvekar Formerly HBCSE (TIFR), Mumbai

19) Dr. Vrajesh Parekh,
 General Manager (Science Popularization)
 Gujarat Science City

20) Dr. Poonam Bhargava,
 Principal Scientific Officer, GUJCOST



NATIONAL CONVENTION OF CHEMISTRY TEACHERS NCCT - 2023

Focal Theme
Chemistry for Sustainable Development
 Empowering Change Through Education and Research

Gujarat Science City, Ahmedabad
 27 - 29th October 2023

Catalysed and Supported by:
 Association of Chemistry Teachers (ACT) India

Organized by:
 Gujarat Council on Science & Technology
 Gujarat Council of Science City
 Dept of Science & Technology, Govt of Gujarat