PROGRAMME

The programme of the Conference includes invited papers, oral and poster presentations and lectures by eminent scientists in five parallel sessions viz. Inorganic, Organic, Physical, Analytical and Environmental and Pharmaceutical & Biochemistry Sections. Some Memorial Lectures have also have arranged during the Conference. LCD facility will be provided by the organizers for paper presentations in all the sections.

PROVISIONAL PROGRAMME

Saturday, 26th December, 2015

08:30 to 10:00 am	Registration and kit distribution
10:00 to 01:00 pm	Inauguration, keynote address
01:00 to 02:00 pm	Lunch
02:00 to 02:30 pm	Sectional Presidents address in respective sections
02:30 to 05:30 pm	Invited lectures and paper presentations
05:00 to 07:00 pm	Poster presentations
07:00 pm	Cultural programme
08:30 pm onwards	Dinner

Sunday, 27th December, 2015

09:00 to 01:00 pm	Invited lectures and paper presentations
01:00 to 02:00 pm	Lunch
02:00 to 06:00 pm	Invited lectures and paper presentations
06:00 to 07:00 pm	Poster presentations
07:00 to 08:00 pm	ICC General Body Meeting (To be attended by fellows only)
08:00 pm onwards	Dinner

Monday, 28th December, 2015

09:00 to 01:00 pm	Invited lectures and paper presentations
01:00 to 02:00 pm	Lunch
02:30 to 04:00 pm	Valedictory Function

The detailed programme of each day and each section shall be circulated in the Conference.

ABOUT THE SURAT CITY : THE CITY OF SILK AND DIAMONDS

Surat, the second largest city of Gujarat state is located in the western part of India. Lying on the banks of Tapi river, Surat is renowned for silk and diamond. Known for silks, textiles, spices and exquisite diamond cutting and polishing, Surat was described as "a storehouse of the most precious production of Hindustan" by a Portuguese traveler Barbosa in 1514. UN has termed Surat as the "Fastest Growing City of the World". Surat is also known for producing world-class synthetic textiles and having more than 400 dyeing and printing house, producing per day 300 Lakhs meter cloths. It is famous for its silk weaves like the Tanchoi and Gajee sarees and Kinkhab brocades sometimes woven with gold and silver threads.

IMPORTANT PLACES TO VISIT NEARBY SURAT

Tourists must visit the beautiful Dutch Gardens, various Mughal monuments, the old fort of Muhammad Tughlak, Sardar Patel museum, etc. Some nearby places worth visiting are :

1. **Hajira Beach :** This picturesque beach is 28 km from Surat.
2. **Dandi :** This historically significant place is located on the coastline near Surat. It was here the first salvo was triggered against the British Government through Gandhiji's "Dandi March and Salt Satyagraha" The place is worth visiting.
3. **Ubharat Beach :** This panoramic beach is just 42 km from Surat. This beach captivates the tourists in no time with its golden sandy beach with the palm groves flaunted as its backdrop.
4. **Tithal Beach :** The beach is located 10 kms away from Surat. Tourists can hang out in the golden sandy beach with the palm trees as its backdrop.
5. **Vansda National Park :** This national park is 174 kms away from Surat in Bulsar (Valsad) district. This park sprawls across 24 sq km. It shelters various wildlife and birds.
6. **Saputara :** This densely wooded hilly hamlet is located 164 km from this city in Dang district. It offers ropeway, trekking, boating, waterfalls etc., to the tourists.
7. **Ukai Dam :** An important tourist spot of the state, the Ukai dam is situated 37 km from the Bardoli. It is the biggest reservoir of the state. It was here the irrigation project named Vallabha Sagar Sarovar originated.
8. **Unai :** Another important landmark which gives antiquity to Bardoli is Unai with its hot spring some 50 kms from Surat. It is believed to have been created by Lord Ram by shooting an arrow in the ground.

How to Get there :

Air: Various domestic airlines connect Delhi, Mumbai to Surat.

Rail: it is on the western railway line to Mumbai, Delhi and Ahmedabad.

Road: State Transport buses and private luxury coaches from Surat connects various centers of Gujarat. Surat is approximately 297 kms from Mumbai, 155 kms from Baroda and 275 kms from Ahmedabad.

ABOUT UKA TARSADIA UNIVERSITY

Bardoli : The Land of Sardar Patel

Uka Tarsadia University Campus is on the Bardoli-Mahuva road. It is about 7 kilometers from Bardoli and 35 kilometers from Surat. The University is well connected with the government and private bus services from Bardoli and Surat. Bardoli has acquired an important place in the history of India. Tourists and followers of Gandhiji visit this place often. Bardoli is considered to be one of the tourist attractions in Surat. The place has immense important to the historians as well. In 1921 to 22, Gandhiji, addressed and respected as the Father of the Nation had launched a protest movement against various policies initiated by the British Government. In Indian history this protest movement by Gandhiji is known as **Bardoli Satyagraha**. The peasant movement was led by Sardar Vallabh Bhai Patel. Sardar's ideals of strong character, patriotism, value-based education and dynamic social change have been inspiration to many social, economical and educational workers.

Uka Tarsadia University was established in 2011 by Bardoli Pradesh Kelavani Mandal, with an objective of meeting the growing demand for quality education. The University offers a comprehensive array of academic prorams across the disciplines of Chemistry, Biotechnology, Microbiology, Pharmacy, Nursing, Physiotherapy, Management, Commerce , Engineering and Technology, Architecture, Fashion Design, Interior Design, Computer Science, Physical Education and others that lead students to self-enrichment and productive careers in their respective professions, government, business and industry. It continues its efforts towards creating and providing a world class, dynamic and conductive learning environment for educating and training the future professionals of the nation.

The campus has state-of-the-art infrastructure and instrumental facilities and provides serene atmosphere for academic excellence. Campus also houses a huge library, classroom with multimedia facilities, well equipped laboratories, CPCSEA approved animal house, a modern computer lab and a language lab, canteens, play ground, auditoriums and seminar halls.

ABOUT THE DEPARTMENT OF CHEMISTRY

Department of Chemistry is one of the leading departments in the university, which offers graduate and post graduate courses viz. B.Sc. Chemistry (English Medium), M.Sc. Organic Chemistry, M.Sc. Pharmaceutical Chemistry; and are planning to start M.Sc. Analytical Chemistry and M.Sc. Industrial Chemistry in coming sessions. Over the years the department has progressed at rapid pace with the development in the both spheres of infrastructure facilities and the academic programmes. The department is also having facilities to pursue the student for Ph.D program. The faculties of department is actively engaged in the field of research on Synthetic Dyes, Polymers, Green Chemistry, Pharmaceutical Sciences, Novel drug formulations apart from academic responsibilities. The course curriculum is well designed by eminent experts from various fields of academic institution to industrial arena to satisfy the goal of competitive examinations viz. NET, SLET, GATE, GRE etc. To meet growing demands of industries and to develop research attitude in students, our students are continuously motivated for research literature survey using on-campus Wi-Fi internet facilities, and for it minor project work is included in course curriculum of Semester-1, 2 & 3, while in last semester (4th semester) of M. Sc. Programme, they will have to undergo dissertation.

It also caters to the need of trained, skilled and knowledgeable human resource to the industries, R&D sectors, and teaching faculty at academic institutes. As affirmed in the mission statement, department believes in holistic education, that is to impart quality education and create strong foundation of cultural values in our students to support future of our society and country, and to establish as premier educational & research institute, recognized globally for its excellence in all endeavors. Accordingly, on one hand when thrust is given to technical - academic activities like participation and organizing seminars, conferences, workshops, industrial visits etc., on the other hand students are motivated to do social service. The department is also inviting eminent scientist and well known resource persons on regular basis over and above the well qualified regular staff members to provide an insight into varied aspects of academia directly or indirectly related to profession and to educate students meaning of purposeful and fulfilling life.

We earnestly hope that you would participate in the conference and get yourself registered in advance.

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GENERAL INFORMATION

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MEMBERSHIP OF ICC

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ABSTRACTS

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JOURNAL OF INDIAN COUNCIL OF CHEMISTS

The Council is publishing biannual Journal of Indian Council of Chemists which incorporates review articles, short communications and research papers. The journal is supplied without any charges to all the fellows. The Institutional membership is Rs. One Thousand annually. All correspondence and the subscription may be sent to:

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Executive Editor, JICC
Dean, Research
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Ph. : 0562- 6450006 E-mail : iccsurat15@gmail.com

Last Date for the Submission of

a) Abstracts 31st October, 2015
b) Registration 30th November, 2015

Kindly bring this circular to the notice of active research workers in your Department/Institution

E-mail : iccsurat15@gmail.com
Website : www.chemicc.com

XXXIV ANNUAL CONFERENCE

INDIAN COUNCIL OF CHEMISTS

26th - 28th DECEMBER, 2015

UKA TARSADIA university
Imparting Knowledge, Awakening Wisdom, Transforming Lives

DEPARTMENT OF CHEMISTRY
UKA TARSADIA UNIVERSITY
BARDOLI, SURAT

FIRST CIRCULAR

Website: www.chemicc.com
Email : iccsurat15@gmail.com

Dear Colleagues,

We are happy to inform you that the 34th Conference of the Indian Council of Chemists will be held from 26th - 28th December, 2015 at Department of Chemistry, UKA Tarsadia University, Bardoli, Surat (Gujrat).

On behalf of the Indian Council of Chemists, we have great pleasure in inviting you to attend all the functions and participations in the deliberations to be conducted under scientific sessions of Inorganic, Organic, Physical, Analytical & Environmental and Pharmaceutical Chemistry & Biochemistry Sections.

The Conference would provide an excellent opportunity to research workers for presenting new experimental results, participating in wide ranging discussions and critical debate in different areas of Chemistry and shall provide an opportunity for a meaningful interactions among the members of the scientific fraternity.

INDIAN COUNCIL OF CHEMISTS

The Indian Council of Chemists was founded at Agra on 19th Sept., 1981. Thirty three annual conferences held at Agra, Srinagar, Dharwad, Gorakhpur, Dhanbad, Madurai, Gwalior, Tirupati, Gulbarga, Goa, Muzaffarpur, Warangal, Jammu, Mumbai, Aurangabad, Mangalore, Chennai, Jalgaon, Shimoga, Mysore, Jabalpur, Roorkee, Mumbai, Ranchi, Kalyan (Mumbai), Sagar, Haridwar, Patan, Chandigarh, Hyderabad, Rajkot, Dharwad, Dhanbad and four International Conferences at Bangkok, Kuala Lumpur, Dubai and Tashkent were highly successful and well attended.

OBJECTIVES

The main objectives of the Council are:

1. To advance and promote the cause of chemical research and education in the Country.
2. To publish such proceedings, Journals, Transactions and other materials as may be considered desirable.
3. To organize symposia, discussions, special lectures, exhibitions and such other activities necessary for a better understanding of chemical research and its applications for the economic, social and industrial programmes.
4. To strive for strengthening national co-operation and contacts amongst the scientists of the Country.
5. To work in association with National and International Societies of Chemistry and to co-operate with other organizations having similar objectives.

SUBMISSION OF ABSTRACTS

Active participation in scientific sessions covering the topics of the Conference is welcome. Scientists/Researchers are requested to submit only soft copy of abstract (not more than 200 words with no diagram) of the papers intended for presentation to the CONCERNED SECTIONAL PRESIDENT and CC to **Secretary** latest by 31st October, 2015 on their e-mail addresses. The abstract should be submitted online as an email attachment. It should be typed in MS-word using Times New Roman with font size 12. Authors should clearly mention on the top of the abstract, the section in which the paper is to be presented. They should mention their telephone no., fax no. and e-mail address along with their postal address. No hard copy is required.

Note: All authors contributing a paper in the Conference must be Fellows of the Council. (Annual fellowship fee for the 2015, Rs. 600/- or life fellowship fee Rs. 6000/-) must be paid along with the submission of the abstract.

REGISTRATION

All participants are required to register in advance by sending a registration fee of Rs. 1800/- (One thousand eight hundred only) by 30th Nov, 2014.

The registration fee should be paid by a crossed demand draft made in favour of the 'Indian Council of Chemists' payable at Agra. Registration fee for accompanying person (spouse & children) is Rs. 900/- (Nine hundred only) without kit. The registration form & demand draft should be sent to: Dr. M.K. Rawat, Treasurer, ICC, Principal, Agra College, Agra-282002.

On the spot registration fee will be Rs. 2500/- (Two thousand five hundred only).

SECTIONAL PRESIDENTS

1. ANALYTICAL AND ENVIRONMENTAL CHEMISTRY SECTION
   Dr. V.S. Shrivastava
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5. PHYSICAL CHEMISTRY SECTION
   Prof. Ali Mohammad
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   Faculty of Engineering and Technology
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ICC AWARDS

1. Life Time Achievement Award, carrying a citation and Gold Medal to be given annually to a senior eminent scientist preferably above the age of 60 years, who has made distinguished contribution to any field of Chemical Sciences.
2. Prof. Wahid Uddin Malik Memorial Award, carrying a citation and cash award of Rs. 15,000, given annually to an eminent Chemical Scientist on the basis of his / her significant contribution in any field of Chemistry. The award has been instituted by Mr. Mujeeb Malik, son of Prof. W.U. Malik.
3. Dr. Arvind Kumar Memorial Award, carrying a citation and cash award of Rs. 10,000/-, given annually to an Indian Scientist, up to the age of 45 years, actively engaged in any area of Chemical Sciences at national level. The award has been instituted by Ms. Bharati Arvind, wife of Dr. Arvind Kumar.
4. Prof. Kaza Somasekhara Rao Award, instituted in the memory of his wife Smt. Kaza Indiradevi, carrying a citation and a cash award of Rs. 10,000/- only for best Women Scientist in Chemistry.
5. Prof. G. Gopala Rao Centenary Commemorative Award, carrying a citation and a cash award of Rs. 1000/- given annually to one young researcher whose paper, presented in the Analytical Chemistry/Physical Chemistry section by rotation.
6. Prof. S. C. Ameta Award, carrying a citation and a cash award of Rs. 1000/- given annually to one young researcher whose paper, presented in the Physical Chemistry section.
7. Prof. C.P. Bhasin Award, instituted in the memory of his mother Late Smt. Sudesh Bhasin, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Inorganic Chemistry section.
8. Dr. R. K. Agarwal Award, instituted in the memory of his father Late Sri Madhusudanji carrying a citation and a cash award of Rs. 1000/- only for best poster presentation in Inorganic Chemistry section.
9. Dr. V. K. Sharma Award, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Pharmaceutical Chemistry section. The award has been instituted by Dr. Bharat Parashar, Udaipur.
10. Prof. G. L. Talesara Award, instituted in the memory of his father Late Sri Nandlal Talesara, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Organic Chemistry section.
11. Dr. G. D. Nigam Award, instituted in the memory of his parents Late Sri Jaishree Gopalji, carrying a citation and a cash award of Rs. 1000/- only for best poster presentation in Anal. & Environment Chemistry section.
12. Prof. G. K. Chaturvedi Award, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in the field of coordination chemistry in Inorganic Chemistry section. The award has been instituted by Late Prof. G. K. Chaturvedi, Agra himself.
13. Prof. A. P. Mishra Award, instituted in the memory of his father Late Sri Ram Pyare Mishra, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Inorganic Chemistry Section preferably in the area of Bioinorganic / Medicinal Inorganic Chemistry.
14. Prof. S. T. Nandibewoor Award, instituted in the memory of his parents Smt. & Shri T. Nandibewoor & Smt. & Shri V. Javali, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Chemical Kinetics / Physical Chemistry Section.
15. Prof. Sudhir K. Banerjee Memorial Award, carrying a citation and a cash award of Rs. 2500/- only for Senior Scientist, who has made significant contribution in the field of Organic Chemistry . The award has been instituted by his wife Mrs. Aparna Banerjee, Udaipur.
16. Prof. D. Ashok and Dr. M. Sarasija Award, instituted in the memory of their parents Sri. D. Gangaram and Smt. D. Shankaramma, carrying a citation and cash award of Rs. 1000/- given annually to one young women researcher, up to the age of 35 years, whose oral paper is presented and defended in the Organic Chemistry Section.
17. Woman Scientist Award, carrying a cash award of Rs 1500, a citation for best oral presentation in Anal and Environmental chemistry by Dr. Kalpana (Muzaffarpur) in the memory of her mother-in-law Late Smt. Shanti Sinha.
18. Prof. (Mrs.) N. S. Rajurkar Award, instituted in the memory of her teacher, Late Prof. H. J. Arnikar, carryng a citation and a cash award of Rs. 1500/- only for best oral presentation in physical chemistry section preferably in the field of Nuclear / Electro / Adsorption Chemistry.
19. Young Scientist Award, The Council gives an award and a certificate to young scientists upto the age of 35 years for the best paper presented in oral and poster sessions separately in all the five sections. Some of the awards have been instituted for Best Oral presentations in (i) Inorganic Award chemistry section by Prof. M.M. Taquekhan, Hyderabad. (ii) Prof. V.Anatraman, Vishkhapatnam in Physical Chemistry section. (iii) Prof. K. Soma Sekhara Rao, Nagaland in Anal. and Environment Chemistry section.
20. Maximum Participation Award, The Council gives a 'Maximum Participation Award' to the College/ Institution from where maximum number of delegates participate in the Conference with the exception of the Colleges/ Institutions of the city where the Conference is being organized. Prof S. P. Hiremath, Gulbarga has instituted this award.

Selection Procedure for Awards 2, 3 and 4 above

1. Head of the respective Department / Institute / ICC Life Member could nominate a person for the award.
2. Each such nomination should be accompanied with;
   a) CV of the person so nominated for the award to be received by the Secretary, ICC latest by 31st October of the year of the award.
   b) Reprints of 5 best publications preferably during the past 5 years
3. Last Date of such nomination / application would be 31st Oct. 2015.
4. Selected candidate shall give a presentation of 30 minutes duration in the ICC conference at which the award will be conferred.
5. The selection for these awards will be made by a panel of eminent chemists in a fair and transparent manner.

YOUNG SCIENTIST AWARD

The Council gives an award and a certificate to young scientists upto the age of 35 years for the best paper presented in oral and poster sessions separately in all the sections. Those interested in participating in the contest must write in bold letters "CYSA" on the right corner at the top of the abstract and enclose the proof of the age i.e. photocopy of High School Certificate. The awards will be given in the valedictory function of the Conference.

MEMORIAL LECTURES

1. **Prof. T.N. Srivastava Memorial Lecture :**
   Prof. T.N. Srivastava (Lucknow) an eminent inorganic chemist was the sectional president of Inorganic Chemistry Section in the first Conference of the Council held at Agra when Council was founded in 1981. Throughout his life he worked actively for the growth and development of the Council. This lecture will be delivered in Inorganic Section.
2. **Prof. P.R. Singh Memorial Lecture :**
   Prof. P.R. Singh (IIT-K) an eminent organic chemist, Ex-vice Chancellor was also the Sectional President of Organic Chemistry Section in the first conference of the Council. He also worked very actively for the growth of the Council. This lecture will be delivered in Organic Section.
3. **Dr. Arvind Kumar Memorial Lecture :**
   Dr. Arvind Kumar was the founder Treasurer of the ICC and later on assumed the responsibility of its Secretary and the Executive Editor of the Journal of ICC. He was closely associated with the core group that conceived dream into a reality in the form of an organization we all know as ICC. This lecture will be delivered in Physical Chemistry Section.