



# INDIAN COUNCIL OF CHEMISTS



## XXXXI ANNUAL CONFERENCE 27th -29th December, 2022



DEPARTMENT OF CHEMISTRY  
INSTITUTE OF BASIC SCIENCES, KHANDARI  
DR. BHIMRAO AMBEDKAR UNIVERSITY, AGRA

# SOUVENIR

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**INDIAN COUNCIL OF CHEMISTS**

**41<sup>st</sup> ANNUAL CONFERENCE**

**27th -29th December, 2022**

**SOUVENIR**



**Department of Chemistry  
Institute of Basic Sciences, Khandari  
Dr. Bhimrao Ambedkar University, Agra**



# INDIAN COUNCIL OF CHEMISTS

**Dr. S.C. Goyal**  
Joint Secretary



Former Dean, Faculty of Engg. & Tech.  
Ex-Head, Department of Chemistry,  
Agra College, Agra-282 002  
Mob.: 9997693840, 9358018440  
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## *Editorial*

It is a matter of great pleasure for all of us that Indian Council of Chemists is organising its 41st Annual Conference at Agra a world heritage city, jointly hosted by the Department of Chemistry, Institute of Basic Sciences, Khandari, Dr. Bhimrao Ambedkar University, Agra. After the inception at Agra on 19 September, 1981 when it was inaugurated at Hotel Clarks Shiraz in presence of Hon'ble Shri Nural Hussain, Education Minister, Govt. of India as Chief Guest, Shri Dayal Krishana, Minister of Science & Technology, U.P. Govt., Prof. W.U. Malik as Founder President, Dr. G.C. Saxena as Founder Secretary and Dr. Arvind Kumar as Founder Treasurer.

In its journey of 40 glorious years, ICC achieved the objectives to promote the cause of education and research to disseminate knowledge and academic excellence in the field of chemical sciences and to publish standard quality articles, proceedings through ICC Journal.

During four decade long of its existance the ICC organized 40 National Conferences in difference parts of country and 6 International Conferences where scientists, academicians and young generation came together, interacted and discussed about new opportunities, newer challenges and future developments in the field of chemistry.

On this occasion ICC is putting this Souvenir to recollect the contribution of our founder respected Dr. G.C. Saxena and other chemists.

I feel honoured in placing before you this souvenir published by ICC.

**Dr. S.C. Goyal**  
Editor

योगेन्द्र उपाध्याय  
मंत्री  
उच्च शिक्षा, विज्ञान एवं प्रौद्योगिकी,  
इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी विभाग



कक्ष सं०-मुख्य भवन, 63बी/डी  
विधान भवन, लखनऊ।  
दूरभाष- 2238051(कार्या०)  
दिनांक- 23.12.2022

पत्रांक: 919(कैम्प)/मं.उ.शि.,वि.प्रौ.,इ.सू.प्रौ./2022



### सन्देश

अत्यन्त ही हर्ष का विषय है कि रसायन विज्ञान विभाग, डॉ० भीमराव आम्बेडकर विश्वविद्यालय, आगरा द्वारा इंडियन काउंसिल ऑफ कैमिस्ट्स का 41वें वार्षिक अधिवेशन का आयोजन किया जा रहा है। उक्त परिषद का मुख्य उद्देश्य रसायन विज्ञान में शिक्षा और अनुसंधान को बढ़ावा देना एवं उसके क्षेत्र में काम कर रहे राष्ट्रीय और अन्तर्राष्ट्रीय वैज्ञानिकों के साथ जुड़ाव और समान उद्देश्यों वाले अन्य संगठनों के साथ सहयोग करना है।

इंडियन काउंसिल आफ कैमिस्ट्स का 41वें अधिवेशन के आयोजन के अवसर पर एक स्मारिका प्रकाशित की जा रही है। जिसके द्वारा समस्त भारतवर्ष एवं विदेशों से अधिक से अधिक रसायनज्ञों का एकत्र होना अत्यन्त प्रशंसनीय है।

मेरी ओर से इंडियन काउंसिल ऑफ कैमिस्ट्स के 41वें अधिवेशन के सफल आयोजन एवं स्मारिका प्रकाशन के लिए शुभकामनायें देते हुए उक्त परिषद के समस्त सदस्यों को बहुत-बहुत बधाई।



23.12.2022

मंत्री  
उच्च शिक्षा, विज्ञान एवं प्रौद्योगिकी,  
इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी विभाग



प्रो. आशु रानी  
कुलपति

Prof. Ashu Rani  
Vice-Chancellor



डॉ. भीमराव आंबेडकर विश्वविद्यालय  
(पूर्ववर्ती आगरा विश्वविद्यालय)  
आगरा - 282 004 (उ.प्र.)

Dr. BHIMRAO AMBEDKAR UNIVERSITY  
(Formerly : Agra University)  
AGRA - 282 004 (U.P.) India



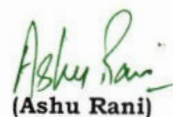
## Message

It is truly a joyous occasion and my immense delight to note that the Department of Chemistry, Dr. Bhimrao Ambedkar University, Agra is organizing the "XXXXI Annual Conference of the Indian Council of Chemists" during 27<sup>th</sup> – 29<sup>th</sup> December, 2022. I am indeed honored to be the Patron of this conference of ICC one of the premier council of chemistry teachers and scientists from all over the country, established in the year 1981 at the City of Taj, Agra.

The field of science as a part of our education system has now undergone an enormous change. Chemical science is an ever-evolving subject as it has broadened its scope into biology, nanotechnology, material science, computation and advanced methods of process control. The close interaction with other branches of science has enriched scope and importance of chemistry. As Helen Keller once said "alone we can do so little; together we can do so much", the ICC is playing a pivotal role to this very thought of binding every chemical invention together to make a meaningful impact in this world.

It is my faith that this 41<sup>st</sup> conference will provide a suitable platform for interaction of scientists from different fields of chemistry to share their knowledge and learn the art of development in chemical sciences for sustainable national development and prosperity of humankind. Moreover, this conference will stimulate the budding chemists to shape the future of chemical sciences by strengthening the application of chemistry in today's world and building a network of chemists in India and overseas.

I extend my warmest welcome and felicitation to all participants who will share their expertise and become a catalyst for new collaborations in various emerging areas of chemical sciences and allied fields.

  
(Ashu Rani)



# INDIAN COUNCIL OF CHEMISTS

**Dr. G.C. Saxena**  
President



Ex Vice Chancellor  
Dr. B.R. Ambedkar University, Agra  
Dr. R.M.L. Awadh University, Faizabad



## *Message*

It is a matter of great pleasure that Dr. Bhimrao Ambedkar University, Agra is organizing the 41st Annual Conference of the Indian Council of Chemists, I am happy to learn that a Souvenir is being published at this occasion.

I am confident that this Conference would provide an excellent opportunity for Research workers for presenting new experimental results, participating wide ranging discussions and critical debate in different areas of Chemistry and shall provide an opportunity for meaningful interactions among the members of the Scientific Fraternity.

I am sure that the 41st Annual Conference of the Council at Agra will be a big success.

With best wishes,

**Dr. G.C. Saxena**

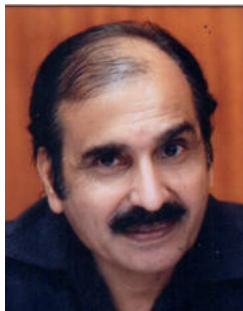


# INDIAN COUNCIL OF CHEMISTS

**Prof. R.K.S. Dhakarey**  
Secretary



Vice Chancellor  
Maharaja Surajmal Brij University  
Bharatpur-321201 (Rajasthan)



## Message

It is a matter of pleasure and pride that the 41st Annual Conference of the Indian Council of Chemist is being organized by the Department of Chemistry, Institute of Basic Sciences, Khandari, Dr. B.R. Abmedkar Univestity, Agra from 27th to 29th December, 2022 and on this occasion, the organizers are bringing out the Souvenir to make this event more memorable.

As the Secretary of ICC, it gives me immense pleasure to heartily welcome all to the Conference. We are very fortunate that a large number of Academicians, Researchers and Scientists of Chemical Science from all over the Country and Abroad are participating in it.

I am sure that this Scientific Congregation will address issues concerning employment opportunities and carries options in the present scenario and enhance the efficiency of the chemists in their respective fields.

My best wishes for the success of this Conference.

**Prof. R.K.S. Dhakarey**  
Secretary



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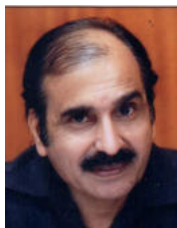
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Mr. Purshottam Mayura, Convenor  
Dr. Devashish Ganguli



## Programme of 41<sup>st</sup> ICC Conference

Day/Date	Time	Programme	Venue
<b>TUESDAY</b> 27.12.2022	1:00 PM – 3:00 PM	Prev. Arrival Lunch	Dept. of Chemistry
	2:00 PM – 4:00 PM	Registration & Kit Distribution	Dept. of Chemistry
	5:30 PM – 8:30 PM	Inauguration, Award Ceremony and Keynote Address	Hotel Clarks Shiraz Mall Road, Agra (Sehnaz Hall)
	8:30 PM onwards	Dinner	Hotel Clarks Shiraz
<b>WEDNESDAY</b> 28.12.2022	8:00 AM – 9:00 AM	Breakfast	Dept. of Chemistry
	9:00 AM – 11:00 AM	Symposium on "Materials, Health & Environmental Science" (MHE)	J.P. Sabhagar/ Chemistry Dept.
	11:00 AM – 1:00 PM	Sectional President Address, Invited Lectures and Paper Presentation in Parallel Sections	
		(a) Inorganic	Physics Dept., IBS
		(b) Organic	Computer Sci., Dept. IBS
		(c) Physical	Maths Dept. IBS
		(d) Anal. & Env.	Chemistry Dept. IBS
	1:00 PM – 2:00 PM	Lunch	Dept. of Chemistry
	2:00 PM – 5:30 PM	Invited Lectures and Paper Presentation in respective Section	as already mentioned
	5:30 PM – 6:30 PM	Poster Presentation	Dept. of Chemistry
	6:30 PM – 7:00 PM	ICC General Body Meeting (To be attended by Fellow only)	Dept. of Chemistry
	7:00 PM – 8:30 PM	Cultural Programme	J.P. Sabhagar
	8:30 PM onwards	Dinner	Dept. of Chemistry
<b>THURSDAY</b> 29.12.2022	8:00 AM – 9:00 AM	Breakfast	Dept. of Chemistry
	9:00 AM – 1:00 PM	Invited Lectures and Paper Presentations	in respective Sections
	1:00 PM – 2:00 PM	Valedictory Function	Dept. of Chemistry
	2:00 PM – 3:00 PM	Lunch	Dept. of Chemistry



## Brajbhoomi



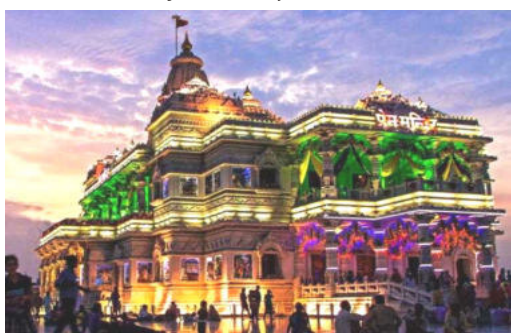
*Dwarkadhish Temple, Mathura*



*Krishna Janm-Bhumi, Mathura*



*Bankey Bihari Temple, Vrindavan*



*Prem Mandir, Vrindavan*



*Iskon Temple, Vrindavan*

On the road from Delhi to Agra, You are passing through the ancient, love-soaked land of Braj. Love and longing are the flavour of Braj, because of devotion to the Divine - Sri Radha Krishna, who came to Braj to love and be loved, unconditionally.

Brajbhoomi is where Sri Krishna of Srimad Bhagwad Gita fame spent his childhood before He moved to Dwarka (Gujarat), met his Pandava cousins in Hastinapur (near Meerut in Uttar Pradesh), sang Srimad Bhagwad Gita to Arjun at Kurukshetra (Haryana) in the Mahabharata. The epic Sanskrit text Mahabharata has 1 lakh verses penned by Maharshi Ved Vyas and records incidents of that time, including the war and Bhagwad Gita. Vyas gets his name from organizing the Vedas into branches, but Bhagwad Gita and Srimad Bhagwat remain his best selling books.

Srimad Bhagwat Purana is a biography of Parikshit, the grandson of Arjun, and includes lives of sages, devotees and incarnations of Sri Vishnu (including Rama, Krishna, Rishabh Dev -- the first Jain Tirthankar, and Buddha who was to appear in the future). Vishnu in Sanskrit means, the one consciousness present in every atom of the universe. Vishva, meaning Universe; Anu meaning the tiniest particle.

The Mahabharat, Srimadbhagwat and Garga Samhita texts speak volumes of Brajbhoomi. Garga Samhita was written by Rishi Garga, who performed the naming ceremony of baby Krishna. Krishna means 'One who attracts'. Akarshiti Iti Krishna.

Sri Krishna was born in Mathura to princess Devaki and her husband Vasudev. The present Janmabhoomi temple near Kansa Quila was his birth place.

He was taken to Gokul village by Vasudev to protect him from Kansa, the king of Mathura, who had heard a prophecy that Devaki's eighth son would bring him death. When Krishna was 12 years old, he was brought to Mathura by Akrura, and there He finished the rule of Kansa, bringing the rightful King Ugrasen to the throne. This happened, 50 centuries, or so ago.

Brajbhoomi (in and around district Mathura), stretching from Kotban (not far from Delhi) to Agra (Agarvan, meaning 'scented forest') has been celebrating love for about 5000 years now. For Mathura, Vrindavan, Govardhan, Barsana, Nandgaon, Deeg, Kamvan, Sanket, Gokul, Mahavan, Baldeo, Rawal and surrounding villages, hills, forests, fields, River Yamuna and water bodies, Krishna never left!

## About Agra City



Agra, an old heritage City in Western Uttar Pradesh State, Northern India. It lies in the Indo-Gangetic Plain on the Yamuna (Jumna) River about 125 miles (200 km) southeast of Delhi. There was an early reference to an “Agravana” in the ancient Sanskrit epic Mahabharata, and Ptolemy, the famous 2nd Century Geographer is said to have called the site “Agra.” The city was founded by Sultan Sikandar of the Lodi dynasty in the early 16th century to be the capital of the Delhi sultanate. Agra also served as the Mughal capital during some periods of that empire. In the late 18th century the city fell successively to the Jats, the Marathas, the Mughals, the ruler of Gwalior, and, finally, the British in 1803. Agra is a major road and rail junction and a commercial and industrial centre known for its leather goods, cut stone and handwoven carpets.

Places to visit in and around Agra



**Taj Mahal** : Agra is best known for the Taj Mahal (17th century), designated a UNESCO World Heritage site in 1983. A complex mausoleum, the Taj Mahal is often considered to be the world's best example of Mughal architecture. The Taj Mahal is phenomenal not in the beauty alone that shines forth, but is the deep planning and design that went into its making and ethereal idea of immortalizing love.



**Agra Fort** : Agra Fort (16th century), called the Red Fort for its massive red sandstone walls, was built by the emperor Akbar; it contains the Pearl Mosque (Moti Masjid; 17th century), constructed of white marble, and a palace, the Jahangiri Mahal. The fort was also declared a World Heritage site in 1983.

**Sikandra** : It is the mausoleum of Mughal Emperor Akbar. It represents his philosophy and secular outlook, combining the best of Hindu and Muslim architecture in a superlative fusion. It was completed in 1613 AD, and is one of the well preserved monuments.



**Fatehpur Sikri** : A world heritage site was founded as the capital of Mughal Empire in 1571 by Emperor Akbar. Famous for Buland Darwaza [54 metre/177 ft height], Panch Mahal, Joda Bai's place and the beautiful marble tom of Sheikh Salim Chishti which attracts thousands of people who seek blessing of the reversed saint.



## About University

The foundation of Dr Bhimrao Ambedkar University (originally known as Agra University) was laid on the 1st of July, 1927, as a result of hectic efforts of a band of enthusiastic educationists like Rev. Canon A.W. Davis, Munshi Narain Prasad Asthana, Dr. L.P. Mathur, Lala Dewan Chand, Rai Bahadur Anand Swaroop and Dr. Brajendra Swaroop. The first Executive committee took place on 15th Oct 1927.



Original jurisdiction of University extended over United Provinces of Agra, Central India and Rajputana with 14 affiliated colleges and 2530 students of which, 1475 students belonged to United Provinces. Initially, there were only four faculties in the University viz. Arts, Sciences, Commerce and Law. Faculties of Medicine (1936), Agriculture (1938), Home Science (1980), Basic Sciences (1981), Fine Arts (1982) and Management (1994) were added subsequently.

During last ninety six years the University has endeavoured to keep adopting these high ideas and has established rich traditions and evolved respect from the intellectual community. University has sincerely served the cause of higher education in northern India. The ancient principle of integrating ethical and moral values in education has been the endeavour of the University. To inculcate these essential values in its students academicians have been assiduously trying to sharpen the content and curriculum of the University.

The Agra University, Agra was renamed as Dr Bhimrao Ambedkar University, Agra from 24.09.1995 vide U.P. Govt. Notification No. 33/XVII-V-1-1(ka)-43-1996, dated 06.01.1996). The University previous caters to the educational need of the eight districts of Agra Division Agra, Aligarh, Mainpuri, Hathras, Firozabad, Etah and Mathura, but in present day with the formation of State University in Aligargh only four districts lie in his jurisdiction. Besides, the University is proud of having constituted, Sarojini Naidu Medical College, which is one of the oldest and premier Medical Institute of the country. At present university has approx 600 affiliated colleges and 30 residential Institutes spread out in its four residential campus viz. Paliwal Park, Khandari Campus, Civil Lines Campus and Chhaleshar Campus. Furthermore, this university affiliates colleges of Homeopathy, extending all over the State of U.P.

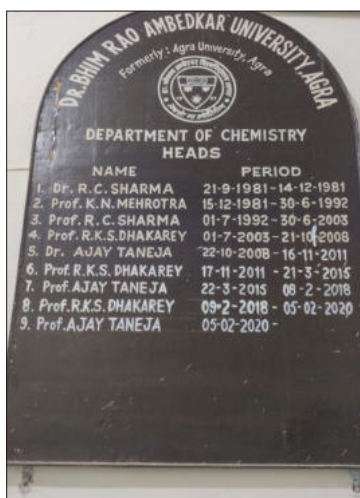
The University is steadily surging ahead as a center for higher scientific vocational and job oriented education and innovative research. The goal of the University is to innovate in the field of education and to become a centre of excellence both nationally and internationally. The University is not only confined to impart quality education but also to satisfy the burning desire of the students who are exploring the creative intellect and learning attitude of the students. The University is making every effort to fulfill the spirit of University motto "**Tamso Ma Jyotirgamay**" moving from darkness to light and fulfilling its vision "to be a quality higher education institution by producing students with knowledge, professional skills and ethical values and remain as a preferred partner to the Industry and community for their progress and development". This is evident from the core value, (i) Academic freedom and flexibility (ii) collegiality and team work (iii) concern for the environment and society (iv) transparency and accountability to all stake holders.

## *About The Chemistry Department*

Department of Chemistry, Dr. Bhimrao Ambedkar University, Agra was established in the year 1981 for M.Phil. and Ph.D. programmes and has presently three faculty members. Till 1995 only M.Phil. and Ph.D. programmes were running in the Department. Later in the year 1996 M.Sc. Analytical and M.Sc. Industrial chemistry were opened, thereafter, in 1998 M.Sc. Forensic Science and in 2003 M.Sc. Chemistry were started. Department follows semester system, which includes regular Seminars, Assignments, Periodical tests, Practical's and research work as part of curriculum. In 2022 Department has started B.Sc. (Science) course. The curriculum in all the course have been designed as per the NEP guidelines. This department is well known for excellent research and academics and from the very beginning has strived hard for quality teaching and research and have played significant role in the field of spreading the scientific knowledge among the students who are placed in good position in the field of academics, Industry, R&D and in National & International Institute etc. Faculty of this Department up to now have published more than 500 papers in National and International Journals of repute and from this Department more than 100 doctorates and 300 M.Phil. have been awarded. The highest h-index of the faculty is 34 with more than 4500 citations. Faculty members of the Department are life members of different organizations like Indian Science Congress Association, Kolkata, Indian Chemical Society, Kolkata, Institute of Chemists, Kolkata, Indian Council Of Chemists, Agra, ActaCinecialIndica, Meerut. Indian Association for

Environment management NEERI, Indian Association for Air pollution control, New Delhi, Indian Aerosol Science & Technology Association BARC, National Academy of Sciences, Allahabad, Indian Association of Chemistry teachers. About 60 students have qualified UGC-CSIR(NET) Examination for JRF and Lectureship eligibility in last decade. The thrust areas of research are in the field of Green chemistry, coordination chemistry, environmental chemistry, macrocyclic chemistry, polymer chemistry and Nano chemistry. Department is well equipped with instrument like AAS, FT-IR(ATR &KBr) UV-Visible spectrometer, flame photometer, visible spectrophotometer, Gas Chromatograph, Microwave Synthesizer, Gel electrophoresis, Aerosol Black Carbon detector, GRIMM Aerosol spectrometer, high and low volume air samples etc. It has been recognized as FIST(DST) supported from 2012-2017. The Department Faculty has carried out many projects sponsored by UGC, CSIR, DST (New Delhi), State Government, DRDO etc. They along with their

students have participated in many National & International conferences and have presented their work



DR. BHIM RAO AMBEDKAR UNIVERSITY, AGRA Formerly : Agra University, Agra		
DEPARTMENT OF CHEMISTRY HEADS		
NAME	PERIOD	
1. Dr. R. C. SHARMA	21-9-1981 - 14-12-1981	
2. Prof. K. N. MEHROTRA	15-12-1981 - 30-6-1992	
3. Prof. R. C. SHARMA	01-7-1992 - 30-6-2003	
4. Prof. R. K. S. DHAKAREY	01-7-2003 - 21-10-2008	
5. Dr. AJAY TANEJA	22-10-2008 - 16-11-2011	
6. Prof. R. K. S. DHAKAREY	17-11-2011 - 21-3-2015	
7. Prof. AJAY TANEJA	22-3-2015 - 09-2-2018	
8. Prof. R. K. S. DHAKAREY	09-2-2018 - 05-02-2020	
9. Prof. AJAY TANEJA	05-02-2020 -	





## *Faculty Profile*



Dr. Ajay Taneja is presently working as Professor and Head in the Department of Chemistry, Dr B R Ambedkar University Agra, India. He also holds the post of Dean Science in the University. He has more than 29 years of teaching and research experience. His research interest is in Environmental Chemistry and Air pollution. He has guided more than 18 Ph.D. and 29 M. Phil students. He has coauthored more than 140 research articles, 5 books, 7 book chapters and 5 research reports. He is life member/Fellow of many professional bodies and is holding the post of Joint Secretary, Indian Council of Chemists India since 2006. He is also reviewer of many International Journals. He was also awarded Father Rev. T. A. Mathias "National award for Innovative College Teachers for the year 2001" by All India association for Christian higher education and Prof Lallan Singh Award for Best PG Chemistry Teacher (State Universities) for 2021 by Association of Chemistry Teachers ( Homi Bhabha Centre of Science Education, TIFR, Mumbai) .He is a LEAP (Leadership for Academicians Programme) FELLOW (March 2020) and has been a Resource person for IAQ workshops for The Associated chambers of commerce & Industry of India, New Delhi and for Environment sciences in Academic Staff College of different Universities & science and technology (DST) Schools on Earth and Environment Sciences. He is also a consultant to the task force set up by Central Pollution Control board to set up standards and SOPs for Indoor air pollution in India and have traveled 14 countries for academic purposes and have participated in many national and international conferences and workshops. His expertise is in the field of monitoring different types of pollutants in indoor and ambient environment as well as chemically characterizing the indoor and outdoor aerosols and has completed many research projects.



Dr. Devendra Kumar, Professor, Department of Chemistry, Institute of Basic Sciences, Khandari, Dr. Bhimrao Ambedkar University, Agra completed his masters and M.Phil. in 1994 and 1995 respectively and Ph.D. in 1998. He has more than 18 years of teaching experience in Dept. of Chemistry, Dr. Bhimrao Ambedkar University, Agra. He has 58 publications in esteemed journals and 5 books publication. He has rich administrative experience. He has supervised more than 46 M.Phil. students and supervising 3 Ph.D. students at present.



Dr. Gautam Jaiswar, is working as Professor in Department of Chemistry Dr. Bhimrao Ambedkar University, Agra, with more than 19 years of experience in teaching and research. His area of research is in the field of polymer science, nano composite and synthetic chemistry. He has published more than 30 research articles in various national and international journals. He has guided 35 M.Phil. and 1 Ph.D. student with 4 Ph.D. registered students. He had presented 14 papers in national and international conferences. He is a member of various important committees of university. Beside all these he has completed project funded from UGC New Delhi and a one ongoing project funded by UP Govt.



Dr. Amit Gupta completed his double M.Sc. in 1998 and Ph.D. in 2001 from Agra College. He has a teaching experience of 24 years. His area of research is mercury salts and nitrogen bases and has list of about 32 publications including 29 research papers and 3 books of graduation level. He had won 1st prize in the Inter-Collegiate Literary Competition E-poster "Nanomaterial and quantum dot in chemistry" organized by Little Flower Degree College Uppal, Hyderabad-39 in July 2021. He had an experience of attending a lot of seminars, conferences and webinar during his career.



Dr. Anup Paul completed his Masters in chemistry in 2012 and his Ph.D. in 2021 from University of Lucknow. His area of research is biomedical application of nuclear magnetic resonance spectroscopy. Which mainly focuses on cancer. He recorded NMR spectra on tissues from patients suffering from various forms of cancer. He had developed robust model from quantified metabolites and validated its accuracy in prediction malignancy among tissues from cancer patients. He has 2 publications on this topic in esteemed journal. He has teaching experience of almost 10 years and expertise in technical skills like NMR operating, statics, computer science and analytical chemistry.



## *India Council of Chemists*

The Indian Council of Chemists (ICC) was founded at Agra in the year 1981 (19th September, 1981) with a view :-

- (i) to advance and promote the cause of chemical research and education in the country
- (ii) to publish research journal & proceedings, transactions and other material of standard quality and topical interest.
- (iii) to organize conference, seminars, symposia, discussions, special lectures, exhibitions and such other activities as may be considered desirable and necessary for promoting better understanding of chemical research and its application for the economic, social and industrial programmes.
- (iv) to strive for strengthening national co-operation and contact amongst the scientists of the Country and
- (v) to work in association with National and International Scientists working in the field of chemistry and to co-operate with other organizations having similar objectives.

The Council started with a membership of merely 100 fellows in 1981. However, over the years it has grown in strength and popularity and at present there are about 1870 Life fellows and 8800 annual floating fellows. These include scientists, teachers and research scholars from various colleges, universities, IITs and other academic institutions and scientific organizations from all over the Country and abroad.

### **NATIONAL CONFERENCES**

The Council has been regularly organizing annual national conference in different parts of the Country. So far 40 such conferences have been successfully organized by the Council in different centres of scientific and academic activities viz. Agra, Srinagar, Dharwad, Gorakhpur, Dhanbad, Madurai, Gwalior, Tirupati, Gulbarga, Goa, Muzaffarpur, Warangal, Jammu, Mumbai, Aurangabad, Mangalore, Chennai, Jalgoan, Shimoga, Mysore, Jabalpur, Roorkee, Mumbai, Ranchi, Kalyan (Mumbai), Sagar, Haridwar, Patan, Chandigarh, Hyderabad, Rajkot, Dharwad, Dhanbad, Surat, Pune, Visakhapatnam, Surathkal, Jaipur, Surat and Karimnagar. These conferences have always been well attended by delegates from all over India.

ICC annual conferences provide an excellent opportunity to research workers for presenting new experimental results, participating in wide ranging discussion and critical debate concerning their specific fields of interest and affords a chance for a meaningful interaction amongst the members of the scientific fraternity. The scientific programme in the conferences include invited papers, both oral and poster presentations in five parallel session Viz. Inorganic, Organic, Physical, Pharmaceutical & Biochemistry and Analytical & Environmental chemistry. Eminent scientists deliver invited talks. Young scientists have ample opportunity for indepth discussions with the leading scientists engaged in basic and applied research in the area of their interest.

### **INTERNATIONAL CONFERENCE**

Indian Council of Chemist also organized Six International Conferences at Bangkok (Thailand), Kuala Lumpur (Malaysia), Dubai, Tashkent (Uzbekistan), Bali (Indonesia) and Europe (Paris & Brussels) in which more than 200 delegates. These events were organized by Indian Council of Chemists including air transport, local stay arrangements, sight seeing and the conference.

### **SYMPOSIA**

In addition to invited lectures and paper presentations, it has been a tradition to have a half day symposium in every national conference on a subject of topical interest. The following are some of the subject of topical interest which have been the main them of symposia in various conferences: Co- ordination Chemistry, Electro Chemistry, Homogeneous Catalysis, Education in Chemistry, Role of chemists in Integrated Rural Development, Chemistry & Environment, Problems of Energy and Role of Chemists, Interface of Chemistry & Bio-technology, Advance techniques for separation Role of Chemistry in emerging areas of Agricultural Bio-engineering Environment & Medical Sciences Recent Trends in Pharmaceutical & Medical Sciences, Nano



Sciences and Technology, Green Chemistry, Medicinal Plants in India, Coal Petroleum and Solar Energy. Application of Thermal Analysis & Calometry, Recent Advancement in Atmospheric Chemistry Research, Role of Indian Women Researchers in Chemical Sciences, Chemistry of Marine Environment, Water-Our Future-Indian Scenario etc.

Beside the annual national conferences, the council also holds Seminars and regional conferences on subject of current national and scientific interest.

### MEMBERSHIP OF ICC

Any individual who is M.Sc. in Chemistry or B.Tech in Chemical Engineering or possesses equivalent qualification can become a life fellow or annual fellow by paying the prescribed fee.

Life Fellow : Life fellowship fee is Rs. 6000/- (Rupees Six Thousand).

Annual Fellow : Annual Fellowship Fee (1st April. to 31st March) is Rupees Six Hundred (Rs. 600/-)

Fellowship fee should be sent by Bank Demand Draft (drawn in favour of the 'Indian Council of Chemists' payable at Agra) to Dr. Manoj Rawat, Treasurer, ICC, "Samridhi Courts", Flat No. 404, Awadh Puri 100 Feet Road, Near Bodla, Agra-282010, Mobile : 09412255300, 9258074571.

The Fellowship Fee can also be sent by Online and send the details NEFT /RTGS Transaction No. & UTR No. with date of Transaction & Name of the A/c Holder from which Money is Transferred to Dr. Manoj Rawat E-mail : [treasurericc21@gmail.com](mailto:treasurericc21@gmail.com). The details of Indian Council of Chemists Account is Saving Bank A/c : 2481101026079, IFC Code : CNRB0002481, Bank : Canara Bank, Branch : Raja Ki Mandi, Agra-282002

### *Roll of Honour*

#### PRESIDENT

1. Prof. W. U. Malik, Ex. Vice Chancellor
2. Prof. B. M. Shukla, Ex. Vice Chancellor
3. Prof. S. P. Hiremath, Ex. Vice Chancellor
4. Dr. G. C. Saxena, Ex. Vice Chancellor

#### SECRETARY

1. Dr. G. C. Saxena, Ex. Vice Chancellor
2. Dr. Arvind Kumar
3. Prof. R. K. S. Dhakarey

#### TREASURER

1. Dr. Arvind Kumar
2. Prof. R. K. S. Dhakarey
3. Prof. M. K. Rawat



## Awards

THE COUNCIL GIVES THE FOLLOWING AWARDS EVERY YEAR

- 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.
- 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**.
- Prof. S. P. Hiremath Award**, carrying a citation and a cash award of Rs. 15,000/- given annually to an eminent scientist actively engaged in any branch of Chemistry at National level on the basis of his/her significant contribution. The award has been instituted by **Dr. (Mrs.) Ujwala S. Hiremath**, wife of **Prof. S. P. Hiremath**.
- 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 **Mrs. Bharati Arvind**, wife of **Dr. Arvind Kumar**.
- Prof. Kaza Somasekhara Rao Award**, instituted in the memory of his wife **Smt. Kaza Indiradevi**, carrying a citation and a cash award of Rs. 10000/- only for best Women Scientist in Chemistry.
- Prof. S. T. Nandibewoor 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 to any branch of chemistry. The award has been instituted by **(Mrs.) Aruna S. Nandibewoor**, wife of **Prof. S. T. Nandibewoor**.
- Prof. S. M. L. Gupta Award**, carrying a citation and cash award of Rs. 10,000/- given annually to an eminent scientist on the basis of his/her significant contribution in the field of chemistry. The award has been instituted by **his Family Members**.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Dr. G. D. Nigam Award**, instituted in the memory of his parents **Late Jaishree Gopalji**, carrying a citation and a cash award of Rs. 1000/- only for best poster presentation in Anal. & Environment Chemistry section.
- 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 **Prof. G. K. Chaturvedi**, Agra himself.
- 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.
- 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.
- 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.
- 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.
- Woman Scientist Award**, carrying a cash award of Rs 1500, a citation for best oral presentation in Anal and Environmental Chemistry by **Dr. Kalpana** in the memory of her mother-in-law **Late Smt. Shanti Sinha**.
- Prof. H. J. Arnikar Award**, instituted by **Prof. (Mrs.) N. S. Rajurkar** in the memory of her teacher, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Physical Chemistry Section preferably in the field of Nuclear / Electro / Adsorption Chemistry.
- Prof. Shivraj & Dr. N.J.P. Subhasini Award**, instituted in the memory of their parents Late Shri Ashanna and Late Shri Ayamma, Late Rev. N.P. James & Late Shri Deevanamma, carrying a citation and a cash award of Rs. 1000/- only for best presentation to be given to young researcher upto the age of 35 years in Inorganic section.
- Prof. P.B. Punjabi Award**, carrying a cash award of Rs. 1000/- and a citation for best oral presentation in Analytical and Environmental Chemistry section.
- Prof. M. Mohsin Qureshi Award**, instituted by **Prof. Ali Mohammad** in memory of his teacher, carrying a citation and a cash award of Rs. 1000/- only for best oral presentation in Analytical and Environmental Chemistry Section.
- Prof. U. Muralikrishna Award**, instituted in the memory of his late parents-in-law **Sri G.J. Sastri & G. Suryakanthamma**, carrying a cash award of Rs. 1000/= and a citation for best oral presentation in Drug Research in Organic Chemistry Section.
- Prof. L. Nalanda Sharada & Mr. Ch. J. Vora Prasadam Award**, carrying a cash award of Rs. 1000/= and a citation for best oral presentation in Inorganic Chemistry Section.
- Dr. R.P.S. Chauhan Award**, instituted in the memory of his late parents **Shri Mani Raj Singh Chauhan and Smt. Son Kali Singh**, carrying a cash award of Rs. 1500/= and a citation for best oral presentation in Organic Chemistry Section.
- Dr. Ranjit Kumar Award**, instituted in the memory of his grandfather late **Shri Gurudev Singh**, carrying a cash award of Rs. 1000/= and a citation for best oral presentation in Analytical and Environmental Chemistry Section.
- Prof. S.M.L. Gupta Memorial Award**, carrying a citation and cash award of Rs. 1000/= for best oral presentation in Organic Chemistry Section. The award has been instituted by his student **Dr. S.C. Goyal**, Joint Secretary, ICC.
- 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 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.
- 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**, Dharwad has instituted this award.



## *Life Time Achievement Awardees*



**Prof. B.M. Shukla**  
Ex. Vice Chancellor  
Gorakhpur  
(2008)



**Prof. S.M. Khopkar**  
IIT, Mumbai  
(2009)



**Prof. S.P. Hiremath**  
Ex. Vice Chancellor  
Kuvempu University, Shimoga  
(2010)



**Prof. M.M. Taqui Khan**  
Osmania University  
Hyderabad  
(2011)



**Prof. Thimme Gowda**  
Mangalore University  
Mangalore  
(2012)



**Prof. K.R. Desai**  
South Gujarat University  
Surat  
(2013)



**Prof. Ganpati D. Yadav**  
ICT, Mumbai  
(2014)



**Prof. S.C. Ameta**  
P.A.H.E.R. University  
Udaipur  
(2015)



**Prof. S.T. Nandibewoor**  
Karnataka University  
Dhanwad  
(2016)



**Prof. K. Somasekhara Rao**  
Acharya Nagarjuna University  
Nuzvid, Andra Pradesh  
(2017)



**Prof. Anamik Shah**  
V.C. Gujarat Vidyapeeth  
Ahmedabad  
(2018)



**Dr. R.K. Agarwal**  
Sahibabad  
(2019)



**Prof. R.K. Verma**  
Founder Vice Chancellor  
Munger University, Munger  
(2022)



### PROF. WAHID UDDIN MALIK MEMORIAL AWARDEES

1st	2008	Prof. S.C. Ameta, P.A.H.E.R. University, Udaipur
2nd	2009	Prof. Y.K. Agarwal, Director, R&D Section, Gujarat, Gandhi Nagar
3rd	2010	Prof. Shive Murat Singh Chauhan, Delhi University, Delhi
4th	2011	Prof. S.T. Nandibewoor, Karnataka University, Dharwad
5th	2012	Prof. Vimal Kumar Jain, BARC, Mumbai
6th	2013	Prof. Ashok Kumar Mishra, IIT, Madras
7th	2014	Prof. Sambasiva Rao Kotha, IIT, Mumbai
8th	2015	Prof. S.K. Mehta, Panjab University, Chandigarh
9th	2016	Prof. Ali Mohammed, Aligarh Muslim University, Aligarh
10th	2017	Prof. K.M. Husmani, Karnataka University, Dharwad
11th	2018	Prof. Balbir Singh Kaith, NIT, Jalandhar
12th	2019	Prof. Puttaswamy, Bangalore University, Bangaluru
13th	2022	Dr. Sartaj Tabassum, Aligarh Muslim University, Aligarh



### PROF. S.P. HIEMATH AWARDEES

1st	2014	Dr. P.M.S. Chauhan, CDRI, Lucknow
2nd	2015	Dr. Balakrishna Kalluraya, Mangalore University, Mangalore
3rd	2016	Prof. Diwan S. Rawat, University of Delhi, Delhi
4th	2017	Dr. Mandava V. Basaveswara Rao, Krishna University Machilipatnam, A.P.
5th	2018	Prof. Vommina V. Sureshbabu, Bangalore University, Bangalore
6th	2019	Prof. P. Venkatesu, University of Delhi, Delhi
7th	2022	Prof. Shimpi Navinchandra Gopal, University of Mumbai, Mumbai



### DR. ARVIND KUMAR MEMORIAL AWARDEES

1st	2008	Prof. V.S. Srivastava, G.T.P. College, Nandurbar, M.S.
2nd	2009	Dr. Nitin K. Labhasetwar, NEERI
3rd	2010	Dr. Vinod Kumar Tiwari, BHU, Varanasi
4th	2011	Dr. V. Venkatesu, University of Delhi, Delhi
5th	2012	Prof. Niranjana Karak, Tezpur University, Tezpur
6th	2013	Dr. A. Venugopal, IICT, Hyderabad
7th	2014	Dr. Anil Kumar, Birla Inst. of Tech., Pilani
8th	2015	Dr. Harsh Kumar Manchanda, NIT, Jalandhar
9th	2016	Dr. Ramesh L. Gardas, IIT, Madras, Chennai
10th	2017	Dr. Parag V. Adhyapak, C-MET, Pune
11th	2018	Dr. Atul Changdev Chaskar, University of Mumbai, Mumbai
12th	2019	Dr. Vishwanath R. Patil, University of Mumbai, Mumbai
13th	2022	Dr. Nagaraj P. Shetti, KLE Technological University, Hubballi, Karnataka



### PROF. KAZA SOMASEKHARA RAO AWARDEES

1st	2014	Prof. (Mrs.) N.S. Rajurkar, University of Pune, Pune
2nd	2015	Prof. (Mrs.) Rama Pande, R.S. Shukla University, Raipur
3rd	2016	Prof. L. Gomathi Devi, Bangalore University, Bangalore
4th	2017	Prof. Kiran Singh, Kurukshetra University, Kurukshetra
5th	2018	Prof. Vishalakshi B. Mangalore University, Mangalore
6th	2019	Prof. Dhiraj Sud, S.L. Inst. of Engg. & Tech., Longowal
7th	2022	Dr. Nimisha Jadon, Jiwaji University, Gwalior (M.P.)



### PROF. SML GUPTA AWARDEE

1st	2022	Prof. (Dr.) V.S. Shrivastava, Ex. Principal, G.T.P. College, Nandurbar
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### PROF. S.T. NANDIBEWOOR AWARDEES

1st	2017	Prof. H.P.S. Chauhan, Devi Ahilya University, Indore
2nd	2018	Dr. Airody Vasudeva Adhikari, NITK, Surathkal
3rd	2019	Dr. Badekari Ramachandra Bhat, NITK, Surathkal
4th	2022	Dr. Raj Kishore Sharma, University of Delhi, Delhi

## ICC International Conference

- First International Conference was organised on 11th–15th June, 2011 at Hotel Windsor Suites, Bangkok (Thailand). In which more that 400 delegates from all over the country and abroad participated.

The Theme of the Conference :

#### GLOBAL CHALLENGE'S – THE ROLE OF CHEMISTRY IN GIVING THEIR SOLUTIONS

- Second International Conference was organised in Hotel Pearl International, Kuala Lumpur (Malaysia) from 10th–12th June, 2012. Around 250 delegates participated in this Conference.

The Theme of the Conference :

#### TRENDS IN CHEMICAL SCIENCES GOING BEYOND FRONTIERS

- Third International Conference was held in Hotel Grand Excelsior, Dubai from 11th–13th June, 2014. In this Conference around 225 delegates participated.

The Theme of the Conference :

#### CHEMISTRY FOR SUSTAINABLE DEVELOPMENT : INDIAN PERSPECTIVE

- Fourth International Conference was organised in Hotel Le Grande Plaza, Tashkent, Uzbekistan from 13th–15th June, 2015. In this Conference above 200 delegates participated.

The Theme of the Conference :

#### APPLICATIONS AND MANAGEMENT IN CHEMICAL SCIENCES

- Fifth International Conference was held in Hotel Swiss-Belhotel Rainforest, Bali (Indonesia) from 7th–9th June, 2017. In this Conference 200 delegates participated.

The Theme of the Conference :

#### CURRENT CONCEPTS IN CHEMISTRY

- Sixth International Conference was organised in Hotel Novotel Wellness and Spa Roissy (Paris) & Courtyard by Marriot Avenue des olympiades (Brussels from 6th - 8th June, 2019. Above 175 delegates participated in this conference.

The Theme of the Conference :

#### CHEMISTRY - OUR HEALTH, OUR FUTURE



## ICC 's National Conferences

Conf. No.	Year	Local Organizers
1st	1981	Indian Council of Chemists, Hotel Clarks Shiraz, Agra
2nd	1982	Kashmir University, Srinagar (J&K)
3rd	1983	Karnataka University, Dharwad
4th	1984	Gorakhpur University, Gorakhpur
5th	1985	Central Fuel Research Institute (CFRI) Sindhri, Dhanbad
6th	1986	Kamraj University, Madurai
7th	1987	Jiwaji University, Gwalior
8th	1988	Sri Venkateshwara University, Tirupati
9th	1990	Gulbarga University, Gulbarga
10th	1991	Goa University, Goa
11th	1993	Bihar University, Muzaffarpur
12th	1993	Kakatia University, Warangal
13th	1994	Jammu University, Jammu (J&K)
14th	1995	The Institute of Science, Mumbai
15th	1996	Dr. B.R. Ambedkar University, Aurangabad
16th	1997	Mangalore University, Mangalore
17th	1998	Madras University, Chennai
18th	1999	North Maharashtra University, Jalgoan
19th	2000	Kuvempu University, Shimoga
20th	2001	Mysore University, Mysore
21st	2002	Rani Durgavati University, Jabalpur
22nd	2003	Indian Institute of Technology, Roorkee
23rd	2004	K.C. College, Churchgate, Mumbai
24th	2005	Birla Institute of Technology, Mesra, Ranchi
25th	2006	Birla College, Kalyan, Mumbai
26th	2007	Dr. H.S. Gaur, Sagar University, Sagar (M.P.)
27th	2008	Gurukul Kangdri University, Haridwar
28th	2009	H.N.U, University, Patan(Gujrat)
29th	2010	Punjab University, Chandigarh
30th	2011	Osmania University, Hyderabad
31st	2012	Saurashtra University, Rajkot
32nd	2013	Karnataka University, Dharwad
33rd	2014	Indian Institute of Mines, Dhanbad
34th	2015	UKA Tarsadia University, Bardoli, Surat
35th	2016	College of Engineering, Pune
36th	2017	Andhra University, Visakhapatnam
37th	2018	N.I.T.K. Suratkal, Mangalore
38th	2019	Jaipur National University, Jaipur
39th	2021	Veer Narmad South Gujarat University, Surat (Online)
40th	2021	Sahabana University, Karimnagar, Telagana (Online)
41th	2022	Dr. B.R. Ambedkar University, Agra

*Silver Jubilee Celebrations*  
of  
Foundation Day of ICC, 21st September, 2006



HE Dr. A.R. Kidwai, Governor, Haryana inaugurating the foundation day of ICC



Prof. Pankaj welcoming HE Dr. A.R. Kidwai, Governor, Haryana



Prof. B.M. Shukla, Ex. Vice Chancellor Addressing the Audience



Audience in the Foundation Day of ICC in Silver Jubilee Celebration



Welcome of Dr. G.C. Saxena, President, ICC



Prof. Ajay Taneja welcoming Prof. Pankaj Shrivastav



## INDIAN COUNCIL OF CHEMISTS XXXXI ANNUAL CONFERENCE

### *Silver Jubilee Conference of ICC* at Birla College, Kalyan, 2006



Dr. G.C. Saxena, President, ICC Addressing Executive Committee



Audience in the Inaugural Function



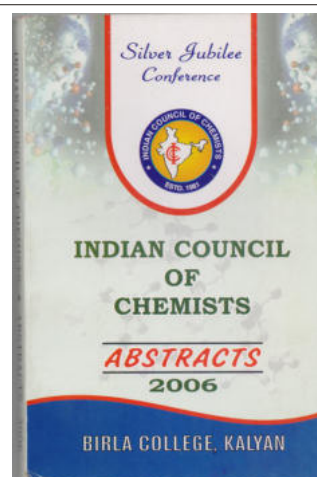
25th Conference of ICC



Dr. S.C. Goyal Receiving Memento in Valedictory Function



Dr. M.K. Rawat, Treasurer, ICC presenting Reports



Abstract Book 2006

## *Glimpses of International Conferences*



1st International Conference at Bangkok



1st International Conference at Bangkok



1st International Conference at Bangkok



2nd International Conference at Kuala Lumpur (Malaysia)



2nd International Conference at Kuala Lumpur (Malaysia)



2nd International Conference at Kuala Lumpur (Malaysia)



## *Glimpses of International Conferences*



3rd International Conference at Dubai



3rd International Conference at Dubai



3rd International Conference at Dubai



4th International Conference at Tashkent (Uzbekistan)



4th International Conference at Tashkent (Uzbekistan)

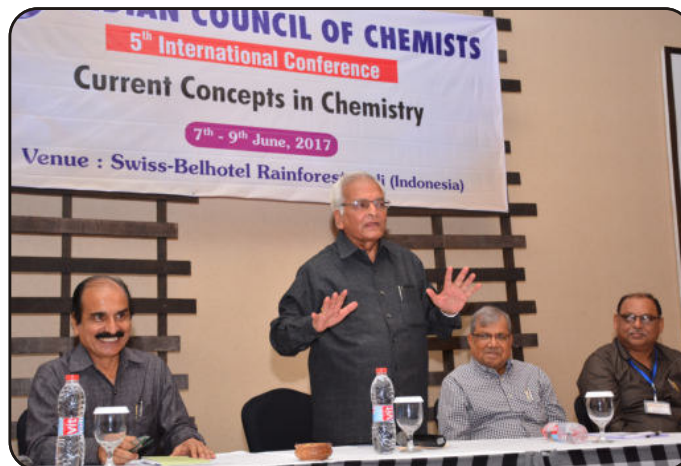


4th International Conference at Tashkent (Uzbekistan)

## *Glimpses of International Conferences*



5th International Conference at Bali (Indonesia)



5th International Conference at Bali (Indonesia)



5th International Conference at Bali (Indonesia)



6th International Conference at Europe (Paris & Brussels)



6th International Conference at Europe (Paris & Brussels)



6th International Conference at Europe (Paris & Brussels)



## *Glimpses of National Conferences*



Dharwad Conference 2013



Dharwad Conference 2013



Dhanbad Conference 2014



Dhanbad Conference 2014



Bardoli, Surat Conference 2015



Bardoli, Surat Conference 2015

## *Glimpses of National Conferences*



Pune Conference 2016



Pune Conference 2016



Pune Conference 2016



Vishakhapatnam Conference 2017



Vishakhapatnam Conference 2017



Vishakhapatnam Conference 2017



## *Glimpses of National Conferences*



Surathkal Conference 2018



Surathkal Conference 2018



Jaipur Conference 2019



Jaipur Conference 2019



Dharwad Conference 1983



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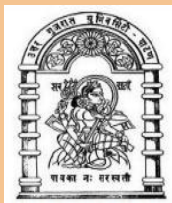
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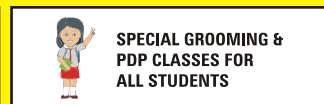
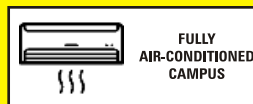
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