



**INDIAN COUNCIL OF CHEMISTS**  
**APPLICATIONS AND MANAGEMENT**  
**IN CHEMICAL SCIENCES**

**4th International Conference**

**Venue : Hotel Le Grande Plaza  
Tashkent, Uzbekistan**

**13<sup>th</sup> - 15<sup>th</sup> June, 2015**



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Dear Fellow,

We are happy to inform you that 4<sup>th</sup> International Conference of Indian Council of Chemists will be held during June, 13<sup>th</sup> - 15<sup>th</sup>, 2015 at Tashkent, Uzbekistan

On behalf of the Indian Council of Chemists, India, we have great pleasure in inviting you to attend this Conference and participate in the deliberations.

The Conference programme is associated with a tour and travel programme of Tashkent - Samarkand and a visit to Chimgan - Charwak Lake. The complete itinerary is given in following lines.

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 19<sup>th</sup> Sept., 1981. The 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 Three International Conferences at Bangkok, Kuala Lumpur & Dubai were highly successful and well attended.

### CONFERENCE THEME

Applications and Management in Chemical Sciences

### SUB THEME

- |                                    |  |
|------------------------------------|--|
| 1. Chemistry of Life               | 9. Chemistry and Sustainable Future          |
| 2. Chemistry of Food and Nutrition | 10. Chemistry and Combating Disease          |
| 3. Chemistry of Water              | 11. Chemistry and New Fuels                  |
| 4. Chemistry and Energy            | 12. Chemistry of Drugs and Therapies         |
| 5. Chemistry and Material World    | 13. Chemistry and Resource Management        |
| 6. Chemistry of Oil and Fats       | 14. Future of Women in Chemistry and Science |
| 7. Chemistry and Climate Change    | 15. Synthetic Chemistry                      |
| 8. Chemistry and Quality of Life   | 16. Miscellaneous                            |

### SUBMISSION OF ABSTRACTS

Active participation in scientific sessions covering the topics of the Conference is welcome. Scientists are requested to submit only the soft copy of the abstract (not more than 200 words with no diagram) of the papers intended for presentation to **Prof. Rajesh Dhakarey**, Secretary, ICC, **latest by 15 March, 2015 at email: icctashkent15@gmail.com**. 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 sub-theme 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 Conference must be Fellows of the Council. (Annual fellowship fee for the 2015 onwards, Rs. 600/- or life fellowship fees Rs. 6000/-) must be paid along with the submission of the abstract.

## TENTATIVE PROGRAMME OF THE CONFERENCE

The programme of the Conference includes plenary lectures, oral and poster presentations.

### 13 June, 2015 - Saturday

09:30 AM - 10:00 AM	INAUGURATION
10:00 AM - 11.00 AM	Technical Session I Plenary lecture and oral presentations Introduction to poster presentations
11:00 AM - 11: 15 AM	TEA BREAK
11.15 AM - 01.30 PM	Technical Session II Plenary lectures and oral presentations Introduction to poster presentations
01:30PM - 02:30 PM	LUNCH
02:30 PM - 04:15 PM	Technical Session III Plenary lectures and oral presentations Introduction to poster presentations
04:15 PM - 04:30 PM	TEA BREAK
04:30 PM - 05:30 PM	Technical Session IV
05:30 PM - 07:00 PM	Poster presentation

### 14 June, 2015- Sunday

9:00 AM - 11:30 AM	Technical Session V Plenary lectures and oral presentations
11:30 AM - 11:45 AM	TEA BREAK
11:45 AM - 01:30 PM	Panel discussion on Focal Theme Valedictory Function
01:30 PM - 02:30 PM	LUNCH

### 15 June, 2014 - Monday

03.00 PM - 05.00 PM	Plenary lecture, summing up and recommendation of the Conference to be forwarded to various concerned agencies.
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## HIGHLIGHTS OF THE PROGRAMME

1. Two days ICC International Conference at Four Star Hotel at Tashkent.
2. One day tour of Samarkand (350 kms) by Bullet Train Afrosiyob.
3. One day tour to Chimgan Mountains-Charwak Lake (80 kms) including Chair lift ride.
4. All days Grand-gala dinner with Belly dancing and unlimited drinks.
5. Three half days local sight seeing of Tashkent.
6. Pleasant stay in a Four Star Hotel at Tashkent.

**Important : This conference is planned only for ICC fellows and their spouses.**

Submission of early registration fee is advised because the package with the tour operator has been finalized for the limited number of seats only hence **first cum first basis** rule will be followed

## ABOUT UZBEKISTAN

Uzbekistan is located in the heart of Central Asia, between two large rivers Amu Darya and Syr Darya. This land became the motherland of civilization, which is perhaps one of the most ancient in the World. This land was the crossroad of the Great Silk Road, connecting Asia and Europe. There are numerous bazaars and workshops craftsmen created fine works of art, which by the Silk Road reached the most remote parts of Europe and Asia.

### Places of Interest in Uzbekistan

**a) Tashkent :** The main city and Capital Tashkent is a huge metropolis with a population of over 3 million. The city is lined with a grid of straight and wide streets and avenues, decorated with emerald green parks, gardens, fountains imbued with crystal strands. This wonderful city is a real embodiment of the modern elegance that is inherent in many world capitals.



**Old Town :** The Old Town has retained much of its old charm. Here you will find low adobe houses with shady courtyards, narrow winding streets and many ancient mosques and madressas.

**Chorsu Bazaar :** (Tashkent's farmers market under a huge cupola, spices, grain, dairy products, fruits of the season), (Southern edge of the old town). Here you can encounter the hustle and bustle of everyday life in Central Asia and you will have a good chance to see people in the colourful local dress.



**War Memorial :** Monument of Courage is on Sharof Rashidov Street, 300 Meters from the Independence Square.

The monument was built to acknowledge the courage of the people at the time of the Tashkent earthquake on 26th April 1966. The whole city was reduced to rubble and then modern Tashkent was built.

**Amir Temur Monument and Museum** in the Amir Timur park. The park has been recently renovated and looks very nice. The Amir Temur Monument is in the center of Tashkent.



**Independence Monument** was erected in 1991 as a symbol of the sovereignty of the Country. It shows a golden globe and the outlines of Uzbekistan.

**"Afrosiyob" High-Speed Train :** On the eve of 20th anniversary of the independence of the Republic of Uzbekistan a significant event happened when the First High Speed line in service in Central Asia was started. Especially conceived for extreme climate conditions, connecting Tashkent and Samarkand with the most innovative and advanced technology at the maximum commercial speed of 250 km/hour.



**b) Samarkand** is situated in the valley of the river Zerafshan. It is the second largest city of Uzbekistan and is of the same age as the city of Babylon or Rome. The history of Samarkand is about 2,500 years old and has witnessed many upheavals during the times of Alexander the Great, the Arabic Conquest, Genghis-Khan Conquest and lastly Tamerlane's. Hence, the culture of Samarkand was developed and mixed together with the Iranian, Indian, Mongolian and a bit of the Western and Eastern cultures. Majestic and beautiful city Samarkand has a marvelous and attractive power. Poets and historians of the past called it



"Rome of the East, The beauty of sublunary countries, The pearl of the Eastern Muslim World". Its advantageous geographical position in the Zarafshan valley put Samarkand to the first place among cities of Central Asia. Over the history this legendary city on the Silk Road went through growths and decays, suffered from destroying invasions of foreign rulers and again revived, becoming more beautiful. Trade routes to the west, to Persia, to the east, to China, to the south, to India, intersected here and formed intersections of the Silk Road.



In the 14th century it became the capital of the empire of Timur (Tamerlane) and is the site of his mausoleum (the Gur-e Amir). The Bibi-Khanym Mosque (a modern replica) remains one of the city's most notable landmarks. The Registan was the ancient center of the city. The city has carefully preserved the traditions of ancient crafts: embroidery, gold embroidery, silk weaving, engraving on copper, ceramics, carving and painting on wood.



**Bibi Khanum** : Timur initiated the building of Bibi Khanum after his campaign in India in 1398-1399. Before its reconstruction after an earthquake in 1897, Bibi Khanum had around 450 marble columns that were established with the help of 95 elephants that Timur had brought back from Hindustan. Also from India, artisans and stonemasons designed the mosque's dome, giving it its distinctiveness amongst the other buildings.



**Gur-i Amir** : The best-known structure in Samarkand is the mausoleum known as Gur-i Amir. It exhibits many cultures and influences from past civilizations, neighboring peoples, and especially those of Islam.

In the city of Samarkand, there were two major gardens, the New Garden and the Garden of Heart's Delight, and these became the central areas of entertainment for ambassadors and important guests. The color of the buildings in Samarkand also has significant meaning behind it. For instance, blue is the most common and dominant color that will be found on the buildings, which was used by Timur in order to symbolize a large range of ideas.



**c) Chimgan** : is located 80 km from Tashkent, a more pleasant place in Uzbekistan. The valley of Chimgan is located on the height of 1200-1600 meters above sea level and is surrounded by mountains for its beauty and health improving properties. Chimgan is called as "Uzbek Switzerland". Chimgan mountains attract tourists with apple tree and fir-tree forest, barberry and dog roses bushes, tumultuous rivers, beautiful lakes and waterfalls.



**Charvak Lake** : This pearl of Tian Shan mountains has appeared quite recently. The rock fill dam of 168 meter height was made in 1970. Confluent of mountain rivers of Pskem, Kok-Su and Chatkal created the wonderful mountain lake-Charvak reservoir, which blue water attracts everyone in hot summer days. Charvak reservoir is located 60 km from Tashkent and is the most popular recreational area for local people. The most comfortable place here is the complex "Charvak-Oromgokhi", where you can have good time, tanning on sandy beach, boating or riding on water scooter.



#### WEATHER AT TASHKENT

Tashkent has a continental climate with dry hot summers. In the month of June average high temperature is around 30 degrees centigrade with average low ranging between 15 to 17 degrees centigrade. The shortest day of the month is June 1 with 14:57 hours of daylight; the longest day is June 24 with 15:09 hours of daylight. .

## COMPLETE TENTATIVE CONFERENCE & TOUR PROGRAMME

(12th - 17th June, 2015)

- Day-1: Assemble at Delhi Airport in the morning. A small briefing by the tour escort to the group and Kit Bag, Passport and Visa distribution. Board the flight, arrive Tashkent. Pick up from the Airport and transfer to Hotel. Check-in Hotel and rest. Proceed to half day city tour. Grand-gala Dinner in Indian Restaurant at 20.00 Overnight in Hotel.
- Day-2: After Breakfast at Hotel, Conference starts at 9.30 am. Lunch in Hotel Restaurant at 13.30. After lunch continue for the Conference. 19.00 Conference ends. Grand-gala Dinner in Restaurant. Overnight in Hotel.
- Day-3: After Breakfast continue with the Conference. Lunch in Hotel Restaurant at 13.30. Afternoon 15:30 board to coach to transfer for half-day city tour. Grand-gala Dinner in Restaurant at 20.00. Overnight in Hotel.
- Day-4: After Breakfast at 9:00 proceed to visit Chimgan- Charwak Lake. Lunch in Restaurant at Charwak 13.30. Evening come back to Hotel and rest. Grand-gala Dinner at Restaurant at 20.00. Overnight in Hotel.
- Day-5: After Early Breakfast at 7:00, proceed to Railway Station for the Bullet Train, **Afrosiyob** to visit Samarkand. Pre-Lunch sight-seeing and after Lunch in Restaurant at 14.00 sight-seeing and shopping continues, transfer to the Railway Station for the Bullet-Train back to Tashkent at 17.00 pm. 19:20 arrival at Tashkent and dropping at Hotel. 20:00 Grand-gala Dinner in Restaurant. Overnight at Hotel.
- Day-6: After Breakfast at Hotel the Group will be taken for visiting and shopping at Malls and Local Market. 14:00 Lunch at Indian Restaurant, checkout from the Hotel. 15:00 transfer to Airport for final departure to Delhi.

## REGISTRATION

All participants are required to register in advance by sending either **Demand Draft** in the favour of **Indian Council of Chemists**, payable at Agra or through **NEFT transaction** latest by 10th March 2015 by all means to the **Treasurer, Dr. Manoj Rawat**. The acceptance of the abstract of papers will be sent as soon as they are received. Authors should not wait for acceptance of the papers because in case the abstract is not accepted by the referees for technical reasons the money shall be refunded immediately. This is all the more necessary as there are limited seats which will be provided on **first come first serve** basis. When registration of required number of seats is complete registration will be closed without waiting for last date. The details of the NEFT transaction are as follows:

**Name : Indian Council of Chemists**  
**A/c No. 0302500100301201, IFSC Code : KARB0000030**  
**Branch : Karnataka Bank, M.G. Road, Agra**

The registration fee (non-refundable) is as follows

- A. For Local Indian Delegates (Full Package 5N/6D):
- Rs. 49000/- (Forty nine thousand only) on twin sharing via flight.
  - Rs. 44000/- (Forty four thousand only) per child (2 to 12 years)
  - Rs. 25000/- (Twenty five thousand only) per infant (below 2 years)
- B. Land Charges 5N/6D, excluding airfare :
- Rs. 32000/- (Thirty two thousand only)
- C. For Foreign Delegates : excluding airfare & hotel accommodation
- \$ 500 (Five hundred US dollars only) Conference registration charges.

The registration fee (non-refundable) for local delegates includes the following :

**Inclusions :**

1. Registration charges of the Conference.
2. Return economy class airfare on Uzbekistan airways ex-Delhi only.
3. 5 Nights accommodation in the mentioned hotel.
4. Buffet breakfast at hotel (all days)
5. 05 Lunches (veg., non-veg.) at an Indian restaurant and 2 meals in flight.
6. All nights gala dinner (veg., non-veg.) drinks and exclusive belly dance shows.
7. 3 conference coffee breaks.
8. 02 bottles of 0.5 Ltr water per person per day.
9. A/C comfortable transport with professional driver as per the Itinerary.
10. Professional english speaking escort guide from arrival to departure in Tashkent and Samarkand.
11. All tours & travels on SIS basis with travel/medical insurance.
12. Full day trip to Charvak Lake & Chimgan Mountains and full day trip to Samarkand by bullet train with tickets.
13. Tashkent city tour.
14. Entrance fees for all monuments (except photo & video charges)
15. Uzbekistan visa support & normal visa processing fees.
16. Kit bags to the participants.
17. Two Indian tour manager and sufficient number of local guides.
18. All basic conference facilities including conference hall.
19. All taxes included.
20. Airport transfers to/from hotel.

**Exclusions :**

1. Photo & video charges
2. Beverages & hotel charges order by yourself
3. Tips and gratuities
4. Any personal expenses
5. Any service not included in inclusions & Itinerary
6. Courier charges laundry, telephone bills etc.

**Others :**

16. The check in time is 1400 hrs and check out time is 1200 Hrs.
1. Any amendment/cancellations, once booking is confirmed will cause cancellation and amendments charges as per the hotel and airline policy.
2. In case of termination of tour midway by you, no refund will be made.
3. In any kind of force majeure factors the tours operator will look for most suitable/possible alternative services with the consent of the client or Foreign Associate.
4. Once itinerary and tickets are confirmed and booked, no date change or name change should be allowed.

**Visa Specification:**

1. Scan copy of passport front page.
2. Two coloured passport size photograph with 85% face resolution with white background.
3. Original passport before one month of departure date.
4. The visa will be group e-visa and it will be delivered on the day of departure at IGI airport (gate no. 6) by tour operator.
5. Passport valid for at least 6 months from the date of travel (expiry upto : Dec 2015).
6. On arrival visa is not available in Uzbekistan.

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

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### ABSTRACTS

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### Last Date for the submission of

Registration Fee 10<sup>th</sup> March 2015

Abstracts 15<sup>th</sup> March 2015

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

**ICC Website**  
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