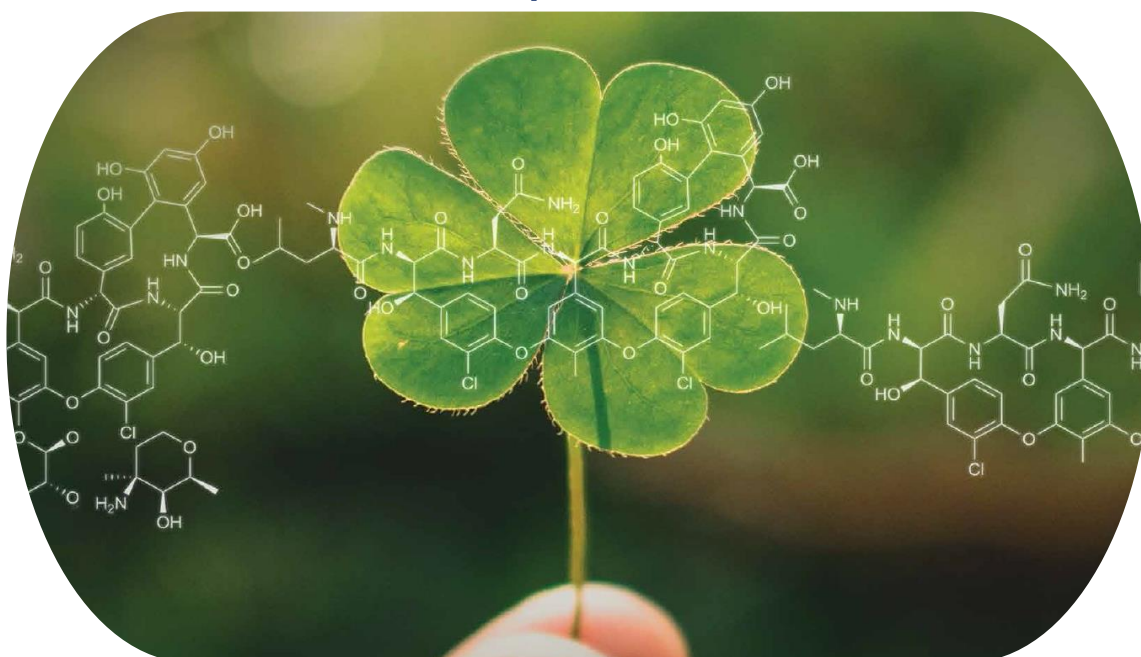




International Conference
On

GREEN TECHNOLOGY: ISSUES & CHALLENGES

22-24 September, 2022



Jointly organized by:



Centre for International Cooperation
Chaudhary Charan Singh University
Meerut-250004 (UP), India, &
Indian Science Congress Association (ISCA) Haridwar Chapter

Sponsored by:



विज्ञान एवं प्रौद्योगिकी विभाग
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Hosted By

Department of Chemistry

The Department of Chemistry was established in the year 2002. The Department is running one regular and three self-finance courses – M.Sc. (Chemistry), M.Sc. (PSCT), M.Sc. (Biochemistry) respectively, it also runs one UG course under self-finance scheme – B.Sc. (H)Chemistry. The Department has separate laboratories for Inorganic, Organic, Physical, Polymer Science and Technology & Biochemistry & two computer labs separately for UG & PG students. The Department has well established and well-equipped Biochemical Research Lab and Research Analytical Laboratories for Inorganic, Organic, Physical, Polymer Science and Technology, & Biochemistry. The Department has been conducting research work on different topics of National and International importance. The Department has started research activities in different fields of Polymer Science and Chemical Technology such as development of technology for recovering chemicals and useful products from polymer waste, biodegradable plastics, composites etc. The Department is conducting research on the development of new products and modification of the existing products. Also, several Patents has also been published and students actively participate in applied research.

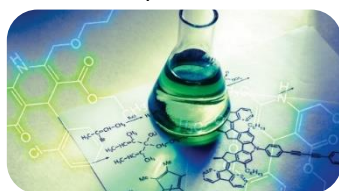
Some of the important Projects are Development of laminated and bullet resistant glass, Development of polymer blends with modification of properties by dynamic cross linking, Improvement of thermal stability of the plastic and rubber materials, Development of biodegradable polymers, Development of UV curable composites, Synthesis, Characterization and Applications of Lead-free thermal stabilizers, Recycling and Reuse of PET Waste. The Department has distinction of publications of Research papers in International Journals and filing applications for obtaining patents.

Invitation

On behalf of the organizing committee of the “International Conference on Green Technology: Issues & Challenges”, we invite you to participate in the conference & present your work during the technical sessions including Poster/Oral sessions of the conference.

Background

Green chemistry consists of chemicals and chemical processes designed to reduce or eliminate negative environmental impacts. The use and production of these chemicals may involve reduced waste products, non-toxic components, and improved efficiency.



Green chemistry is a highly effective approach to pollution prevention because it applies innovative scientific solutions to real-world environmental situations. Green technologies are required essentially to protect our environment from pollution. Some of the issues for protection of environment includes Biodegradation of polymers, e-Waste, Recycling and Reuse of plastics, Water treatment, Rubber recycling, Nano-materials toxicity, Ionic Liquids, Green Chemistry and Green Technology, Green House Gases, Renewable resources etc. All of these newer fields of green technology leading to greener environment need to be given special emphasis and require

exchange of knowledge and discussion forum, where the strategies for future research can be formulated. This conference will provide opportunities to interact with Academician, Scientists, Engineers and Industry personnel's

Major topics to be covered

Biodegradation of polymers, Waste treatment management, green technologies for greener environment, Biogeochemical cycles, Eco-toxicology, Processing of recycled polymers, Recycling of leather, Recycling of paper, Green building, Recycling/Reuse of materials, Ionic liquids, Eco-friendly paints, Renewable resources, Biodegradable rubbers, Rubber recycling, Nano-materials toxicity, Air pollution, Water pollution, Soil pollution, any other new related topic etc.



Organizer

ICGT2022 is being organized by Center for International Cooperation, Chaudhary Charan Singh University, Meerut-250004, Uttar Pradesh, India & ISCA jointly. The conference will focus on new developments in the field of Green Technology. The scientific programme will include Key-note address, invited lectures and contributed papers (oral & posters; mostly to be presented in poster session). The poster sessions will be strongly emphasized since they have been found to stimulate the closer interaction. It will be jointly organized by Centre for International Cooperation, CCS University, ISCA Haridwar Chapter, The Ana G Mendez University, Puerto Rico, USA & Central Connecticut State University, New Britain, USA.



Abstract Submission

Abstracts (One page, A-4) are to be submitted by email to deptchemccs@gmail.com on or before 15 September 2022 in camera ready form using MS word, Times New Roman, Font Size 12, Line Spacing 1.0 in black colour. The title of the paper should be in bold and centred, followed by names of authors marked with asterisk for paper presenter/Communicating author.

Guidelines for preparing posters

Poster size should not exceed 1mX1m.

Program at a Glance (Tentative)

Date	09:00-09:45	09:45-10:50	09:45-10:50	10:50-12:20	12:20-01:20	01:20-02:20	02:20-04:20	04:20-04:40	04:40-05:40	05:40-07:10	08:00
	R	E	G	I	S	T	R	A	T	I O	N
Thursday 22 September	Registration, Inauguration & high Tea			P.L. 1,2	IL in parallel session 1,2	LUNCH	Parallel T.S.	TEA-BREAK	PD	Poster Session	DINNER
Friday 23 September	P.L. 3	P.L. 4	TEA BREAK	I.L. in parallel sessions 3,4,5,6,7			Parallel T.S.		PD	Poster Session	
				I.L.H. in parallel sessions			I.L.H. in parallel session				
Saturday 24 September	P.L. 5	P.L.6		I.L. in parallel sessions 8,9,10,1,12			Parallel T.S.		Valedictory Session		
				I.L.H. in parallel sessions			I.L.H. in parallel sessions				

*P.L. – Plenary Lecture and I.L. – Invited Lecture, T.S. – Technical Session,

P.D. – Panel Discussion, I.L.H. – Invited Lectures in Hindi

Sponsorship and Exhibition

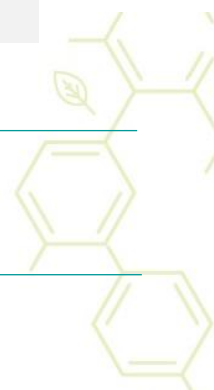
There will be many opportunities to promote your organization's activities by sponsoring or participating in the exhibition of ICGT 2022. The exhibition will be held in the main hub of the conference, in the refreshment service and poster area, just a short walk from conference hall. For further information, please contact convener.

Registration Fee (Non-Refundable/Non-Transferable)

	NATIONAL DELIGATES	INTERNATIONAL DELIGATES
Academician/Scientist	Rs. 4000	USD 600
Research Scholar	Rs. 2000 (CCSU Affiliated College)	USD 300
	Rs. 2500 (Other University & Colleges)	
Industry	Rs. 7500 (INDIAN)	USD 750

Deadlines

<i>Last Date for Registration</i>	: 15 th September, 2022
<i>Submission of abstract</i>	: 15 th September, 2022
<i>Notification of acceptance</i>	: 17 th September, 2022
<i>Conference (Inauguration)</i>	: 22 nd September, 2022



Accommodation

Accommodation will be provided for participants on prior request on first come first serve basis in the University Guest House of the University/Hotel as per the request on payment basis.

NOTE: Only limited number of Research Scholars/Students can be offered accommodation in the University Hostel Only. Participants can be also book Hotel by themselves, if you need any assistance, you can contact us. Accommodation will be confirmed through personal mail.

Venue

The conference will be organized in Department of Chemistry, Chaudhary Charan Singh University, University Campus, Meerut.

Transport

Meerut is one of the historical cities of Uttar Pradesh (India) and is situated at a distance of 75 Km North-East of Delhi (Capital of India). Trains arriving from South and West Bengal sides terminate at New Delhi/ Nizamuddin/ Old Delhi Railway Station. It is advised that from Delhi based railway station, the participants should come to ISBT, Kashmiri Gate, Delhi, from where frequent bus service is available for Meerut. It takes about 2.30 hours to reach Meerut. Participants coming from Varanasi side should get down at Hapur Junction. Also, frequent bus service is available from Hapur to Meerut. From Lucknow & Kanpur direct trains are available for Meerut. The nearest airport is Indira Gandhi International Airport, New Delhi. From Airport, taxis are available for Meerut. In case of any problem, please feel free to contact Dr. R.K. Soni (+91-9412662444). Lots of rickshaws are available from Meerut Bus Stand to CCS University Campus. City Bus Service No.1 is also available from railway station to campus.

Financial Assistance

The participants are requested to obtain financial assistance from their institutes. However, a very limited number of Research Scholars can partially be supported. A letter of request should be submitted along together with registration form to Prof. R.K. Soni.

Awards

There are two awards each of Rs. 2000/- in cash, one for oral presentation and one for poster presentation

Weather

During the last week of September, weather is pleasant (Temperature Range 30-35°C)

Currency

Indian Rupee is the National Currency of India. Currencies can be exchanged at the International Airport, Delhi and all 5-Star Hotels.

Time

India has only one time zone which covers the entire country. Indian Standard Time (IST) is 5 hours and 30 minutes ahead of GMT.

Tours

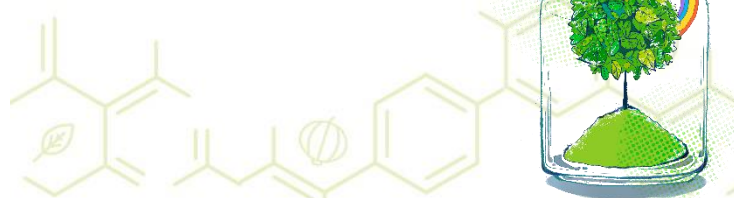
You can enjoy pre & post Conference tours in and around Meerut as well as other places of tourist interest. Delhi, the Capital of India, is 72 Km from Meerut. Delhi has many tourist attractions to offer like India Gate, Red Fort, Qutub Minar, Jama Masjid, Akshardham Temple and several museums. In Delhi, a commercial hub, you can visit shopping complex of Connaught Place, Delhi Haat for handicraft goods etc. Hilly areas like Nainital & Mussoorie are also not very far away from Meerut. Some of the important places of interests around Meerut are Jim Corbett National Park, Holy city of Haridwar, Roman Catholic Church in Sardhana, Taj Mahal in Agra etc. at your own cost.



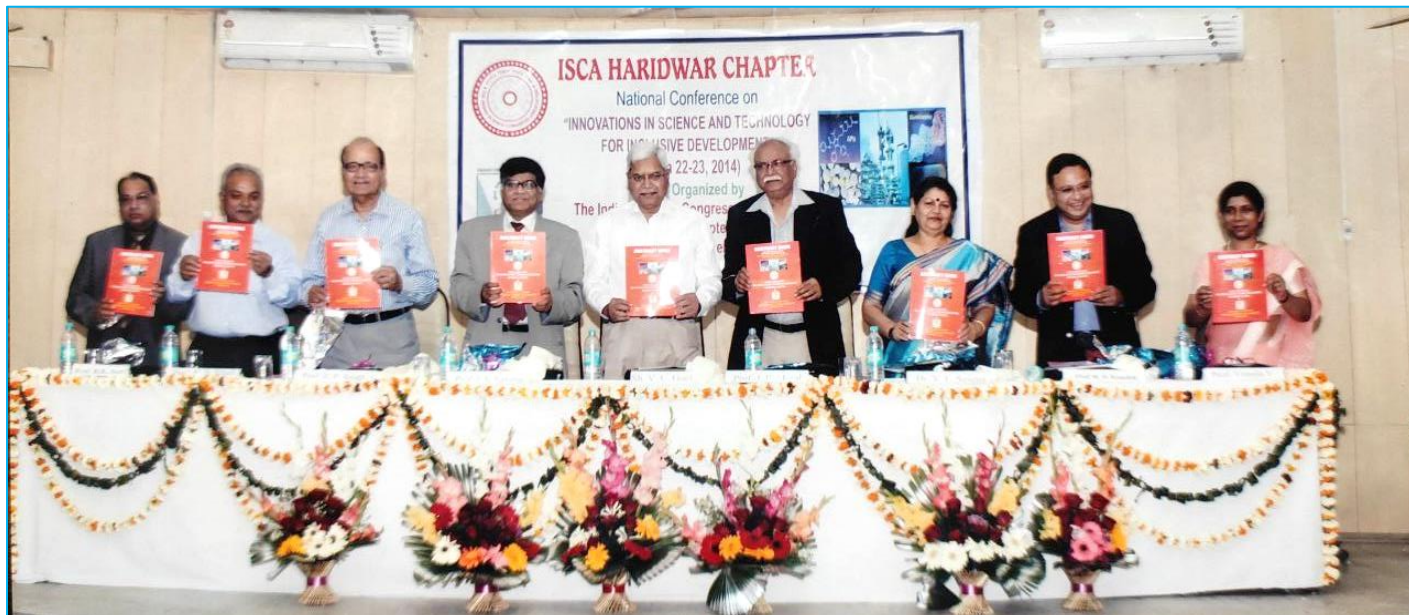
International Conference
on
GREEN TECHNOLOGY: ISSUES & CHALLENGES
ICGT 2022 (22-24 September, 2022) Registration Form

Name (Prof./Dr./Mr./Ms)	
Gender	
Designation	
Institute/organization/affiliation	
Mailing address	
Telephone	
Mobile	
E-mail	
Title of the paper (oral/poster)	
D.D. no./ Transaction ID	
Date	
Amount	
Bank	
Accommodation required	Yes/No, If yes (Guest House or Hotel)
PAYMENT DETAILS	Indian Bank, CCS University A/C Name- Main SB Account A/C No.- 20195822291 IFSC: IDIB000M690

Registration Link: <https://forms.gle/4VUz9ajVT9arHmFbA>



Photographs of the Conferences held in the Department





About the Centre for International Cooperation

The Centre for International Cooperation, CCS University, Meerut was established to implement academic exchange and cooperation in teaching, research and training for the advancement and dissemination of learning between this University and any other institute/ University of international repute across the globe. The centre for International Cooperation promotes the following programs and activities:

- Exchange of faculty and staff
- Exchange of Students
- Training and joint research activities
- Exchange of academic materials and other information

To develop the collaborative activities in academic areas of mutual interest, the exchange of faculties and students, collaborative research, publication and organising academic programs are the main motives of Centre for International Cooperation, Chaudhary Charan Singh University, Meerut through signing Memorandum of Understanding (MoU) between the participating institutions. The Centre for International Cooperation, Chaudhary Charan Singh University, Meerut has signed many MoU for academic cooperation with other institute/University of International route and many more MoU are under pipeline. Currently, Faculty of Science, Department of Chemistry, Physics and Mathematics of this University having MoU with Graduate of School of Science and Technology, Tokyo University of Science and Technology, Tokyo University of Science Japan, Central Connecticut State University, New Britain, USA and AGM University, Puerto Rico, San Juan, PR, USA to promote the development of research and education at the two participating institutions.

About the Indian Science Congress Association (ISCA)

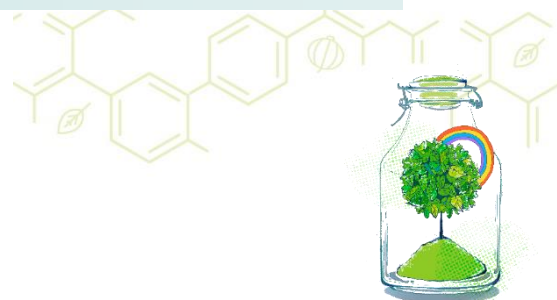
The Indian Science Congress Association was formed to advance and promote the cause of Science in India. The association is a premier scientific organization of India with regional chapters across the country since 1986-87 to have scientific outreach programs for various sections of the society. The Haridwar Chapter of the Indian Science Congress Association was established on 2013. Since then, this chapter has successfully organised various conferences during last six years. The major objective of The Indian Science Congress Association is to inculcate the scientific temper among the people and to encourage young scientists to grow up steadily in the scientific direction.

About the Ch. Charan Singh University, Meerut

Chaudhary Charan Singh University, Meerut was established in 1965, to cater the needs of higher education in western Uttar Pradesh. The University is well recognised for its academic standards and research contributions made by committed faculty members and the students. The University time to time organised conferences/workshops to encourage and exchange of view of different faculty members. There are five faculties with 22 UGC sponsored, 35 self-financed/job oriented and 252 professional colleges/ institutions. The University also has a separate engineering college which is currently offering courses leading to B. Tech. degree in several branches of engineering. The University has always been proud of its alumni who are occupying high positions of great responsibilities and distinction in educational and administrative positions in the Industries, Defence and Civil services.

About the Central Connecticut State University, New Britain, USA

Central Connecticut State University (CCSU) is a public University in New Britain, Connecticut, United States. Founded in 1849 as the State Normal School, CCSU is Connecticut's oldest publicly funded University. It is made up of four schools: the Ammon College of Liberal Arts and Social Sciences; the School of Business; the School of Education and Professional Studies; and the School of Engineering, Science, and Technology. As of Spring 2022, the University is attended by 8,898 students: 7,054 of whom are undergraduates, and 1,844 of whom are graduate students. There are over 400 full-time faculty, 83% of whom possess the terminal degree in their field. Another 501 part-time instructors also teach at the University. Graduate programs are in all of the academic schools. These include programs in accountancy, education, literature, international studies, engineering technology, and information technology. A number of doctoral degrees are also offered at Central Connecticut State University.





International Conference on

GREEN TECHNOLOGY

“ISSUES & CHALLENGES”

September 22-24, 2022

Centre for International Cooperation

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ICGT2022

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