### **NATIONAL ADVISORY COMMITTEE**

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Prof. Devinder Kumar
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Prof. P. Venugopalan

Department of Chemistry, PU, Chandigarh

Dr. Amjad Ali

Prof. Alok Srivastava

Department of Chem & Biochem, TIET, Patiala

Chairman, Department of Chemistry, PU, Chandigarh

Prof. Ravi Shankar Department of Chemistry, IIT, New Delhi

Prof. Harish Chopra Registrar, SLIET, Longowal
Prof. Balbir Kaur Punjabi University, Patiala
Prof. Raman K. Verma Punjabi University, Patiala
Prof. Ashok K. Malik Punjabi University, Patiala

#### **LIST OF SPEARKERS**

Prof.(Dr.) E.D. Jemmis	(Keynote Sepeaker)	IISc, Bengaluru
Prof.(Dr.) Brajesh Kumar Dubey	(Invited Spearker)	IIT, Kharagpur
Prof.(Dr.) Chayan K. Nandi	(Invited Spearker)	IIT, Mandi
Prof.(Dr.) K.K. Verma	(Invited Spearker)	Rani Durgavati University, Jabalpu
Prof.(Dr.) J. B. Dhaiya	(Invited Spearker)	GJUS&T, Hisar
Prof.(Dr.) P. V. Bharatam	(Invited Spearker)	NIPER, Mohali
Prof.(Dr.) P. Venugopalan	(Invited Spearker)	Panjab University, Chandigarh
Prof.(Dr.) Narinder Singh	(Invited Spearker)	IIT, Ropar
Prof.(Dr.) Ali Mohamad	(Invited Spearker)	AMU, Aligarh
Prof.(Dr.) Supreet Singh Bahga	(Invited Spearker)	IIT, Delhi
Prof.(Dr.) Suhail Sabir	(Invited Spearker)	AMU, Aligarh

#### **ORGANISING COMMITTEE**

Prof. Ashok K. Malik

Dr. Baljit Singh

Coordinator

Dr. Mohamad Yusuf

Dr. Poonam Patyar

Convener

Coordinator

Organizing Secretary

Treasurer

Dr. Jatinder Singh Aulakh

Convener, Technical Programme Committee

Dr. Manisha Bansal

Convener, Cultural Programme Committee

Dr. Harpreet Kaur Convener, Hospitality Committee
Dr. Susheela Rani Convener, Venue Arrangment Committee

**REGISTRATION FORM** 

11<sup>th</sup> National Conference on Recent Trends in Chemical and Environmental Sciences -2019 (RTCES-2019)

Department of Chemistry, Punjabi University, Patiala February 07-08, 2019

Name				
Designation				
Institute				
Mailing Address				
Mobile	Fax			
E-mail				
Whether presenting poster Yes / No				
Title of the paper				
Registration Fee				
Amount Rs.				
Draft No	Date			
Name (s) and age (s) of he accompanying persons				
Name 1	Age			
2				
Accommodation required	Yes/No			
Date:				
	Signature 			
The registration forms may please be sent to:				

#### Dr. MOHAMAD YUSUF

(Organizing Secretary, RTCES-2019)

Department of Chemistry Punjabi University, Patiala – 147 002 (Punjab)

Mobile: 91-9465440078 E-mail: yusuf\_sah04@yahoo.co.in

11<sup>th</sup> National Conference on

# Recent Trends in Chemical and Environmental Sciences -2019

RTCES - 2019 February 07-08, 2019





#### INVITATION

The organizing committee sincerely invites you and your colleagues to participate in the deliberations of the 11th National Conference on "Recent Trends in Chemical and Environmental Sciences - 2019" (RTCES-2019) to be held during February 07-08, 2019 at the Department of Chemistry Punjabi University, Patiala.

#### INSTITUTION

The Punjabi University, accredited as 'A grade' by NAAC, located in the erstwhile princely city of Patiala, in the south east of Punjab, was established on April 30, 1962. After the Hebrew university of Israel, this is the only University to be named after a language. In addition to its primary objective of developing and promoting Punjabi language and culture, the University fulfils the educational and social requirements of the people of Punjab and nearby states. Keeping pace with the developments taking place in the educational field all around the world the university has evolved as a multi-faceted and multi-faculty educational institution with over sixty-five teaching and Research Departments.

The Department of Chemistry is one of the first three Departments which started functioning with the inception of Punjabi University in 1963. Initially, the Department started functioning with courses having specializations in Organic, Inorganic and Physical Chemistry. In the later stages Analytical and Biochemistry specializations were also introduced. In the year 1974, M.Sc. in Forensic Science was also added in the list of courses run by the Department. The Biochemistry specialization and Forensic Science section have now developed into full fledged and independent Departments of Biotechnology and Forensic Science respectively. The Ministry of Environment, Government of India, has recognized the Department of Chemistry as the centre for the pollution control and environmental analysis. At present, the Department is offering Organic, Inorganic and Physical Chemistry specializations to M.Sc. and M.Phil, students. The Department has been awarded SAP DRS-II (2014-2019) and FIST (2009-2014) assistance by UGC, New Delhi and DST, New Delhi, respectively. The Department has well established instrumentation labs equipped with GC-MS, CHNS Analyzer, UV-Visible, Fluorescence spectrophotometer and four more instruments FTIR, TGA-DTA, HPLC and Flash Chromatography systems are installed under SAP: DRS-II assistance. Apart from teaching assignments the faculty of the Department is engaged in many Government and Industry sponsored major research projects. We have recently been shortlisted for DST: FIST (Level-I).

#### **PATIALA**

The princely city of Punjab, Patiala is a brilliant spectrum of Rajput, Mughal and Punjabi cultures, a fine blend of modernity and tradition. Patiala is well known as city of gardens. It was founded by Baba Aala Singh about 200 years ago. The city has a number of educational institutions like Thapar University, Law University, Government Medical College, State College of Education, Physical College of Education, Commerce College

and a number of Science and Arts Colleges, NIS and other historical and religious places like Baradari gardens, Kali Mata Mandir, Gurudwara Shri Dukhniwaran Sahib. Patiala is about 250 km from Delhi, 50 km from Ambala Cantt. and 70 km from Chandigarh. It is well connected by Road and Rail with all parts of the country. The weather in early February is normally cold with temperature around 15 - 20° C. The participants are advised to bring warm clothing.

#### **ABOUT THE CONFERENCE**

This is 11<sup>th</sup> in the series of National Conference being organized by the Department of Chemistry, Punjabi University, Patiala. The primary objective of this National Conference is to sensitize and stimulate the young minds to bring out the best in the context of new paradigm in Chemical, Environmental Sciences, Synthesis and Analytical perspectives. The deliberations will explore the new dimensions in the field of design, synthesis and structure, green chemistry, combinatorial chemistry, environemtnal issues, pollution control and eco-friendly technologies. The special emphasis will be focused on the current issues related to interdisciplinary areas of Chemical and Environmental Sciences. Also this Conference will be able to bring together the Scholars, Researchers and Industrialists on a common platform, to deliberate and discuss the state of the art research collaborations in the field of Environemental Engineering, Bioinformatics, Nano Science, Material and Separation Science during special technical session with special emphasis on how the revolution in information technology in the Post Genomic Era is transforming Chemistry. The outcome of these deliberations will be highly beneficial for researchers working in the area of Chemistry, Biosciences and Environmental Science. The technical programme includes a Key Note Address by Prof.(Dr.) E.D. Jemmis, (Padmashri) Department of Inorganic and Physical Chemistry, IISc, Bengaluru. Invited Lectures will be delivered by Eminent Scientists and Poster Presentations will also be the part of Conference.

# **CALL FOR PAPERS**

The participants are requested to submit the abstract(s) (maximum 250 words) of their paper(s) typed in MS Word, Times New Roman font, 12 point with single spacing on A4 size with 3 cm right and 5 cm left, 1.5 cm top and bottom margins through e-mail to Dr. Jatinder Singh Aulakh (Convener, Technical Programme Committee) on rtces2019@gmail.com as an attachment in MS Word format with above said specifications. The name of the presenting author of the poster should be underlined. Poster size should be 1 meter x 1 meter in dimension. Abstract will be published in the Abstract Book only after receiving the registration fee. Three best presented posters will be awarded prizes.

#### Dr. Jatinder Singh Aulakh

Convener - Technical Programme Committee

RTCES-2019

E-mail: rtces2019@gmail.com Mobile: +91- 9878074759

# **CONTACT PERSONS**

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## **Registration Fee**

Academia: Rs. 2,500/Research Students: Rs. 2,000/Industry: Rs. 3,500/M.Sc. Students: Rs. 750/Accompanying person: Rs. 750/-

The registration fee to be sent by Demand Draft drawn in favour of Organizing Secretary, RTCES-2019 and payable at Patiala. Spot registration for participation only (not for oral/poster presentation) will also be available to all those interested.

#### **ACCOMMODATION AND TRAVEL**

Participants will be provided accommodation at the University campus on a first come, first served basis only for the days of the conference. All correspondence regarding accommodation and travel must be addressed well in advance to Dr. Jatinder Singh Aulakh (Convener-Accommodation and Travel Committee: E-mail: chemiaulakh@gmail.com, Mobile: 91-9878074759).

# **Important Dates and Deadlines**

Receipt of Abstracts: January 07, 2019
Information about acceptance of Abstract(s)\*\*: January 09, 2019
Registration form along with request for accommodation: January 15, 2019

- \* Students should submit a proof of the studentship through a valid Identity Card along with the Registration form.
- \*\* Abstract(s) will be published in the Abstract Book only after receiving the registration fee.