

## 13<sup>th</sup> National Conference

On

*Advances in Solid state Chemistry and  
Materials: Emphasis to Atmospheric Chemistry*

(ASSCM-2025)

**18-20 July, 2025**

## Organized by

**Department of Chemistry University of  
Delhi, Delhi-110 007**

In association with

**Indian Association of Solid State  
Chemists and Allied Scientists**

## Venue

**Department of Chemistry  
University of Delhi-110 007, India**



## OBJECTIVE AND SCOPE

Solid State Chemistry provides the foundation of Material Science, bridging diverse fields in Basic Science, Engineering, and Medical Science through advanced materials research. This conference will address a broad array of interdisciplinary topics on solid state chemistry and innovative materials. Advancements in material science & technology is paving the way for smaller, smarter, multifunctional, environmentally friendly, durable, and customizable products. These developments will not only drive revolutions in information technology and biotechnology but also reshape manufacturing processes and personal lifestyles. Recent strides in nanotechnology have led to the production of more efficient and affordable solar cells, enhancing the availability of green energy. The conference aims to unite solid state chemists and scientists from academia, industry, and research institutions to explore contemporary academic and industrial developments across these fields. This forum will foster the exchange of cutting-edge research, identify new research opportunities, and address the needs in following emerging areas : Engineering Materials, Nano Materials, Atmospheric Science, Sensors, Water Pollution, Single used plastics, Waste Management, Policing, Planning & Implementation, High Energy Materials, Nuclear Materials, Carbon Nano Materials, Superconductors, Polymer and Plastics, Conducting Polymers, Photovoltaic, Liquid Crystals, Catalysis, Modeling and Molecular Simulation, Biomaterials, Biosensors, Drug delivery, Tissue engineering, Organ Transplant, Dentistry, Bioimplant, Active Packaging, etc.

## PROGRAMME

The conference will consist of a keynote address, plenary lectures, invited lectures, oral and poster presentations.

### **Chemistry Department, University of Delhi**

The department started in 1922 with three constituent colleges St. Stephens, Hindu and Ramjas. The chemistry teaching was confined to a two-year course for B. Sc. degree in the department and the teaching up to I. Sc. Level was conducted in the constituent colleges of the University. In October 1933, the University Offices and library shifted to the Viceregal Lodge Estate and the chemistry department made an inconspicuous beginning in the Viceregal kitchen which was used for conducting the lectures and practical classes. In 1942, New laboratories and lecture rooms were constructed and visionary faculty members were invited by special efforts of illustrious Vice Chancellor, Sir Maurice Gwyer. In June 1949, Professor T.R. Seshadri, FRS took over as head of the department and owing to his untiring effort, the research activities gradually increased, and the department attained formidable reputation in the international scene as one of the finest schools of chemistry. In 1963, the University Grants Commission recognized the department of chemistry as a Centre of Advanced Study for the Chemistry of Natural Products. In 1965, the department of chemistry was recognized as a Centre of Advanced Study in Chemistry. The department has distinguished itself as a center for innovative and pioneering research in a wide range of areas in chemistry and chemistry interfacing with physical and biological sciences. It has attained the status of a DST-FIST Sponsored department by DST in 1982. The department is recognized as one of the best performing chemistry departments in the country by DST in the International Year of Chemistry (2011).

### **Indian Association of Solid-State Chemists and Allied Scientists (ISCAS)**

ISCAS is a registered society, working in solid state chemistry and allied areas. Its objective is to popularize science by organizing seminars, symposiums, conferences, and workshops in different parts of the country. The Association has established ISCAS, Institute of solid state and material science at Jammu University campus which provides facilities for research and teaching solid state chemistry.

## AWARDS

ISCAS awards (Gold, silver, bronze and ISCAS Fellow medals) shall be presented in the conference. Besides this, three best papers/posters presented by students shall also be awarded.






## INVITED SPEAKERS

**Prof. Shaibal K Sarkar**, *IIT Mumbai*  
**Prof. Yohesh Sharma**, *IIT Roorkee*  
**Prof. Mahendra Yadav**, *IIT Dhanbad*  
**Prof. E. S. Dwarkadas**, *IISc. Bangalore*  
**Prof. Prodeep Phukan**, *Gauhati University*  
**Prof. Gajanan Pandey**, *BAU. Lucknow, UP*  
**Prof. R.K. Soni**, *CCS Meerut. UP*  
**Prof. S. Basu**, *IIT Delhi. Delhi*  
**Prof. S. P Singh**, *NPL. Delhi*  
**Prof. Govind Gupta**, *NPL Delhi*  
**Prof. Deepak DAS**, *GLA univ Mathura, UP*  
**Prof. Ashok Sharma**, *DCRUST, Murthal, Haryana*  
**Dr. Rosy**, *IIT BHU, UP*  
**Prof. G. P. Dubey**, *krukshetra Univ., Haryana*  
**Dr. Naveen Kumar**, *Rohatak university, Harayana*  
**Prof. N. S. Negi**, *HPU Shimla, HP*  
**Prof. P. P. Badoni**, *HNBGU, Pauri, UK*  
**Prof. Radhey Shyam Sharma**, *DU*  
**Prof. Kallol Ghose**, *Pt. Ravishankar Shukla University Chh.*  
**Prof. Dinesh Kumar**, *Central University of Gujarat.*  
**Dr. Chioma Awazie**, *Director, Federal Polytechnic, Oke.*  
**Dr. Ritushree Kukreti**, *IGIB, New-Delhi*  
**Dr. Simant Kumar Srivastav**, *University of Allahabad, UP*  
**Dr. Sarita Rai**, *Dr. Harisingh Gour University, MP*  
**Prof. S.S. Das**, *DDU Gorakhpur University, UP*  
**Prof. B.T. Thaker**, *Gujarat University, Surat*  
**Prof. M. Swaminathan**, *Annamali University, TN*  
**Prof. R. K. Shukla**, *Lucknow University, UP*  
**Prof. Anchal Srivastava**, *Lucknow University, UP*  
**Prof. N. P. Singh**, *UP College, Varanasi, UP*  
**Prof. Nand Kishore**, *IIT Mumbai*  
**Prof. Ajai K Singh**, *Durg University, Chhattisgarh*  
**Prof. Jai Singh**, *Bilaspur University, Chhattisgarh*  
**Dr. Sonia Munjal**, *CBLU Bhiwani, Haryana*  
**Dr. Ratiram Chaudhary**, *Nagpur University, MH*  
**Prof. B. L. Sharma**, *ISCAS*  
**Dr. Jagvir Singh**, *MoES, Government of India*  
**Dr. Madhuri Nigam**, *University of Delhi*

## ADVISORY COMMITTEE

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**Dr. W. B. Gurnule**, *Nagpur University, Maharashtra*





### ABSTRACT SUBMISSION/ CALL FOR PAPERS

Participants are requested to submit abstract for oral/ poster presentations not exceeding 250 words. The abstract should be typed in Time New Roman. The title should be in font size 14, name, affiliation and email address in 11 and the text in 12. The abstract should be submitted to (Prof. N.B. Singh, email: [nbsingh43@gmail.com](mailto:nbsingh43@gmail.com) or conference convener, email: [iscas2025@gmail.com](mailto:iscas2025@gmail.com) on or before due date i.e. 30 may 2025. The conference committee proposes to publish the selected papers after peer review in the indexed reputed journal (**Sustainable Chemistry for Energy Materials, Elsevier**) after the conference.

### ACCOMMODATION

Conference speaker will be provided accommodation in the University Guest House. Limited accommodation will be available to students and other delegates in student's hostel on payment basis.

### REGISTRATION DETAILS

Registration can be done by paying the fee offline through by demand draft in favour of "**Registrar, University of Delhi A/C Summer Instt Seminar Cong**" or online using the bank details: **Account Number** 10851299052, **IFSC Code** – SBIN0001067, **Bank** – State Bank of India (SBI), University of Delhi Branch.

Category	Till 30 May , 2025	After 30 May , 2025
Students	INR 2000.00	INR 2500.00
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Industry Delegates	INR 5000.00	INR 6000.00
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Accompanying Persons	INR 1500.00	INR 2000.00

The concessional registration fee of Rs. 1000 for Research Scholars and 2000 for faculty of the University of Delhi and also Rs 500 concession will be granted to all the life members of ISCAS, Jammu.

### SPONSORSHIP & ADVERTISEMENT PACKAGE

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**President:** Prof. N.B. Singh, *President, ISCAS*

**Chairman:** Prof. S K Awasthi, *Head, Chemistry, University of Delhi*

**Convener conference:** Prof. Raj Kishore Sharma, *DU*


**Co-Convener conference:** Prof. Saroj K Shukla, *BCAS, DU*

**Treasurer:** Prof. R K Sharma, *DU*

**Organizing Committee:** Prof. R. Nagarajan (DU), Prof. Rajeev Gupta, Prof. S Kukreti, Prof S Uma (DU), Prof P. Venkatesu (DU), Prof. Sandeep Kaur (DU), Prof D. T Masram (DU), Dr Alok Kumar Rai (DU), Prof. Amarjit Kaur (DU), Prof D N Gupta (DU), Prof. S A Hashmi (DU), Dr. Sarika Singh (DU), Dr. M. Tiwari (DU), Dr. Pratibha Kumari (DU), Prof. N. G Giri (DU)

### ADDRESS FOR CORRESPONDENCE

**Professor Raj Kishore Sharma (Convenor)**  
Department of Chemistry, University of Delhi, Delhi-110007, India.  
Mob. No. 9910308822, E-mail: [drrajkisharma@yahoo.co.in](mailto:drrajkisharma@yahoo.co.in)



**REGISTRATION FORM**

**13<sup>th</sup> NATIONAL CONFERENCE ON “ADVANCED IN SOLID  
STATE CHEMISTRY AND MATERIALS”**

18-20 JULY, 2025

Name: \_\_\_\_\_

Gender: Male ☐ Female ☐

Designation: \_\_\_\_\_

Organisation: \_\_\_\_\_

Correspondence Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

email: \_\_\_\_\_

Presenting paper: ☐

Presentation: Oral: ☐ Poster ☐

Title of the paper: \_\_\_\_\_

\_\_\_\_\_

Whether accommodation required: Yes / No

If yes type: -----

Date of arrival and time: \_\_\_\_\_

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Time: \_\_\_\_\_

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