



**Prof. Ram Chand Paul National
Symposium
On
Chemistry for Innovation & Sustainable Growth**



TECHNICAL PROGRAMME DETAILS

Day 1, Thursday February 15, 2024	
Time	Details of Session and Speakers
8.30 – 10.00 am	Registration
10.00- 11.00 am	Inauguration Prof. Harsh Nayyar <i>Director, Research & Development Cell Panjab University</i>
11.00 – 11.45 am	High Tea
Session I	
Session Chair : Prof. K.K. Bhasin (Panjab University, Chandigarh)	
11.45– 12.30 pm	Prof. O.P. Vig Endowment Lecture IL-1: Prof. R.K. Peddiniti , IIT Roorkee <i>Department of Chemistry, Indian Institute of Technology, Roorkee-247 667, Uttarakhand</i> Title: Chemistry for Innovation & Sustainable Growth
12.30 – 01.00 pm	IL-2: Dr. Pooja Devi , <i>Central Scientific Instruments Organisation, Chandigarh</i> Title: MXene Engineering for Sustainable Growth: Energy Harvesting, Storage and Utilization
1.00 – 2.00 pm	Lunch
Session II	
Session Chair : Prof. Navneet Kaur (Panjab University, Chandigarh)	
2.00 – 2.30 pm	IL-3: Dr. Neelima Dhingra <i>University Institute of Pharmaceutical Sciences Panjab University</i> Title: Leveraging Computational Tools in medicinal chemistry research: Predictive insight to experimental investigations
2.30- 3.00 pm	IL-4: Dr. Dhiraj K. Mahajan , <i>Department of Mechanical Engineering, IIT Ropar</i> Title: Critical Material Discover using AI/ML Framework: A case study of polymer electrolyte membrane for fuel cells
3:00-4:00 pm	IL-5: Mr. Milind Wagh , Scientific Solutions <i>CAS SciFinder-n for Academic Research</i>
4.00-4.15 pm	Tea
Session III	
4.00 – 5.30 pm	Oral/Poster presentation Oral presentations (OP 1 to 7 in Seminar Hall & OP 8 to 15 Room No: 221) & Poster session (Department Corridor)

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**Day 2, Friday
February 16, 2024**

Session IV

Session Chair : **Prof. Ganga Ram Chaudhary (Panjab University, Chandigarh)**

9.30 -10.00 am

Dr. Yogesh Nagpal

Winsome Intellectual Property Solutions LLP

Student interaction on the topic Strategic roadmaps for patent creation and commercialization

Session V

Session Chair : **Prof. Gurjaspreet Singh (Panjab University, Chandigarh)**

10.00-10.30 am

IL- 6 Dr. Vijay Kumar,

National Institute of Technology Srinagar, Jammu and Kashmir

Title: Hydrogels: Smart Materials with Multifunctional Applications

10:30- 11.00 am

IL- 7 Dr. Samrat Ghosh,

Department of Chemical Sciences IISER Mohali

Title: Application of Innovation, Sustainable Chemistry in Recycling of discarded primary batteries

11.00- 11.30 am

Tea and Snacks

Technical Session VI

Session Chair : **Prof. Amarjit Kaur (Panjab University, Chandigarh)**

11.30- 12.00 am

IL- 8 Prof. Md. Ehesan Ali,

Institute of Nano Science and Technology, Mohali

Title: The Role of Spin-Vibrations in Single Molecule Magnets

12.00-12.30 noon

Valedictory Function

12.30- 1.30 pm

Lunch

VENUE

Registration	Department of Chemistry Entrance
INAUGURATION	Prof. R. C. Paul Auditorium, Department of Chemistry, PU, Chandigarh
TECHNICAL SESSIONS	Seminar Hall, Department of Chemistry
POSTER SESSION	Department Corridor
LUNCH/TEA	Premises of Department of Chemistry, PU, Chandigarh
VALEDICTORY	Seminar Hall, Department of Chemistry

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