



# The 53<sup>rd</sup> National Seminar on Crystallography and Drug Design (NSC-53)



October 13 – 15, 2026

Hemchandracharya North Gujarat University, Patan, Gujarat (India)

The Department of Physics and Electronics, in association with the Indian Crystallography Association (ICA), proudly convenes the 53rd National Seminar on Crystallography (NSC-53) at Hemchandracharya North Gujarat University, Patan, from October 13 to 15, 2026, for an inspiring gathering of experts, researchers, and innovators in the field. The ICA hosts the seminar every year to bring together prominent scientists, academicians, researchers, and students from various areas to share thoughts on crystallography, covering both recent advances and challenges. The program will feature oral and poster presentations, invited talks, and plenary sessions. Submissions for oral and poster presentations are invited.

## CONFERENCE THEMES

2D & 3D Materials	Mechano-responsive crystals
Cryo-electron microscopy	Metal and non-metal organic frameworks
Crystal growth and characterization	Nano material and nano crystals
Crystallography in drug design and pharmaceuticals	Powder diffraction & Rietveld refinement
Crystals for device applications	Quantum crystallography & chemical bonding
Crystals for molecular magnetism	Small molecule crystallography
Electron and neutron diffraction	Smart and advanced materials
Functional materials: structure and defects	Solid state nuclear magnetic resonance
In situ cryo- and high-temperature crystallography	Structural bioinformatics
Macromolecular crystallography	Synchrotron radiation, small-angle X-ray scattering

## IMPORTANT DATES AND INFORMATION

- **Last date for abstract submission:** 30th August, 2026  
(Abstract submission on email : [nsc53.hngu2026@gmail.com](mailto:nsc53.hngu2026@gmail.com))
- Accommodation will be provided on a **first-come-first-served basis**.  
No accommodation will be provided to spot registrants.

- **Last date for early bird registration:** 5th September, 2026
- **Last date for accommodation request:** 5th September, 2026

### Registration Fee (Inclusive of 18% GST)

- Students: ₹ 1000
- Faculty: ₹ 1500
- Industry: ₹ 3000
- Foreign participants: \$ 150

**Registration includes:** Breakfast, Lunch, and Dinner for three days (October 13 – 15) and Registration Kit.

*Accommodation is not included.*

**ICA-funding support (TA/DA or Registration) will be provided for the selected Ph.D. students and post-doctoral fellows.**

### Accommodation Charges (Inclusive of 18% GST)

- Students: ₹ 150 per day
- Faculty: ₹ 300 per day
- Industry: ₹ 2000 per day
- Foreign participants: \$ 150 per day

For accompanying person(s): **INR 2000 per person** for food and accommodation. Registration Kit will not be provided.

## About ICA:

Indian Crystallographic Association (ICA) is a premier professional organisation established in 1970–1971 to promote and coordinate research in all areas of crystallography across the country. Representing over 1,140 members, ICA has been organizing National Seminars on Crystallography since 1981. ICA provides a platform for scientific exchange in crystallography, structural biology, and materials sciences, and supports the career development of researchers. ICA works closely with the International Union of Crystallography (IUCr) and MRSL. ICA organizes this annually to bring together prominent scientists, academicians, researchers, and students to share the latest research in crystallography, covering both recent advances and challenges. Visit the website. **The ICA website: 'http://ica-nsc.org/'. Please apply for the ICA membership.**

## About Hemchandracharya North Gujarat University:

Hemchandracharya North Gujarat University (HNGU), Established in 1986, stands as a symbol of knowledge and culture in the historic city of Patan. The university was founded with the vision of addressing the educational and cultural aspirations of the region, and since its inception, it has steadily grown and expanded. The university is located 130 km from Ahmedabad and is spread across 272 acres of serene surroundings. It encompasses 29 grant-in-aid and self-financed departments, along with more than 753 affiliated colleges and 29 departments/centers, catering to the academic needs of over 2,20,000 students. With a focus on excellence, HNGU strives to provide quality education aligned with both contemporary and future demands. HNGU is equipped with modern infrastructure that enhances the academic experience. The campus houses a Central Library as well as a dedicated cyber café for students and staff. Facilities include a fully equipped auditorium, a health center for teachers, staff, and students, and a sports complex covering 40 acres, supporting a wide range of physical education and sports activities. Hostel facilities for both boys and girls are also available. **The HNG University website: <https://ngu.ac.in/>**

## About Department of Physics and Electronics:

The Department of Physics and Electronics has a remarkable history of more than 20 years. The Department was established in 2003 with commencement of an M.Sc. Physics with an intake of 30 students, and department started a two year M.Sc. Electronics program with 20 intake in 2009. Presently the thrust area for research is Microprocessors, Microcontrollers, Embedded Technology and Nanoscience. Three patents (including its six claims) have been granted. A newly constructed building with smart classrooms and well equipped A.C. laboratories. Recently department has signed MOU with Space Application Centre (SAC), ISRO-Ahmedabad. **Visit the website : <https://ngu.ac.in/DepartmentList.aspx>**

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## About Patan :

Patan is considered a "living museum of arts and architecture," showcasing a deep blend of history, culture, and craftsmanship in North Gujarat, Patan located in northern Gujarat on the Saraswati River, is an ancient fortified city founded in 746 CE by Vanraj Chavda. As the former capital of the Chaulukya (Solanki) dynasty, it served as a major center of medieval power for over 600 years. Today, it is renowned for the UNESCO World Heritage Site Rani ki Vav, Patola silk sarees, and its rich Jain heritage. Known for its Jain temples, including the Panchasara Parshwanath Temple. Other sites include the Sahastralinga Talav (a 12th-century artificial water tank) and the old city fort ruins. The city was home to the great Jain scholar and polymath Hemachandracharya. The economy is driven by trade, agriculture, traditional handicrafts like Patola and Mashru weaving, and cotton milling.

For more details, visit the website: <https://patan.nic.in/>

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- Rs. 75,000 to deliver lecture and Product for industry experts. Rs. 50,000 for stall near to seminar hall.

## Registration link

<https://seminar.ngu.ac.in/registration.aspx>



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Registration

## Awards and Prizes

Prizes will be awarded for the outstanding oral and poster presentations.