



**The 53rd
National Seminar on
Crystallography and Drug Design
(NSC-53)**

October 13 - 15, 2026

**Venue:
Convention Hall,
Hemchandracharya North Gujarat University,
Patan, Gujarat (India)**



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

Last date for early bird registration: 5th September, 2026

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

Registration Fee (Inclusive of 18% GST)

- **Registration includes:** Breakfast, Lunch, and Dinner for three days (October 13 – 15) and Registration Kit.
Accommodation is not included.

Accommodation will be provided on a **first-come-first-served** basis.

No accommodation will be provided to spot registrants.

Last date for accommodation request: 5th September, 2026

Accommodation Charges (Inclusive of 18% GST)

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

For accompanying person(s): **INR 2000 per person** for food and accommodation.

Registration Kit will not be provided.

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



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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 MRSI. 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 it's 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>

Patan:

The Living Heritage of Indian Knowledge and Civilization

Patan, an ancient city of North Gujarat, stands as a timeless symbol of India's rich Civilizational heritage and knowledge traditions. Founded as the capital of the Solanki (Chaulukya) dynasty. Patan emerged as a flourishing center of learning, architecture, spirituality, and scientific thought during the medieval period.

The city is internationally renowned for Rani ki Vav, a UNESCO World Heritage Site, depicted prominently as a masterpiece of ancient Indian engineering and hydrological science. Its geometric precision, water- management ingenuity, sculptural excellence, and symbolic narratives reflect the profound integration of science, art, and spirituality inherent in the Indian Knowledge System (IKS).

Patan has historically nurtured scholar ship in Sanskrit literature, Jain philosophy, astronomy, mathematics, Ayurveda, and traditional technologies, while also being celebrated for its exquisite Patola silk weaving, a living example of indigenous scientific craftsmanship. Today, through modern institutions of higher education affiliated with Hemchandracharya North Gujarat University, Patan seamlessly bridges ancient wisdom with contemporary academic research.



RANI KI VAV - PATAN



Sun Temple-Modhera



Patola, Patan



Kirti Toran, Vadnagar



Bindu Sarovar- Siddhpur



Sankheshwar Jain Temple



Nadabet - Indo Pak Boarder



Idariyo Garh- Idar



Ambaji Shaktipith, Ambaji



Shri Shamlaji Temple

Registration link

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



SCAN for Registration

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Awards and Prizes

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



₹ 1,00,000/-



₹ 75,000/-



₹ 50,000/-



₹ 25,000/-

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- One set of promotional materials included in registration kit / Company acknowledgement on all official conference support signs/Free registration for the company delegates/ Advertisements in Conference Souvenir etc. Please contact us!!
- ₹ 75,000/- to deliver lecture and product for industry experts.
- ₹ 50,000/- for stall near to seminar hall.

Your Route to Us



BY FLIGHT

BY TRAIN

BY BUS



**Nearest airport is
Ahmedabad Airport
(122Km.)**



**Patan railway station,
Mehsana, Palanpur
and Ahmedabad
railway**



**There are regular
public/private buses
from major cities of the
Gujarat to Patan**

Venue

**Convention Hall,
Hemchandracharya North Gujarat University,
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(Rs. 2500/- to Rs. 5500/- rate per room)



The Grand Raveta

Mob. 80000 55600, Mob. 73596 63318



The Grand Piano

Mob. 70460 67440, Mob. 81600 38200



The Grand Krishna (Bansi)

Mob. 93515 16280, Mob. 98257 48629



Hotel Tulshi

Mob. 84693 64418, Mob. 99093 64574



About Weather and Temperature of Patan

October is considered the start of the peak tourist season for visiting historical sites like Rani Ki Vav and Sahastralinga Talav, as the weather becomes comfortable for outdoor sightseeing.

- **Temperature:** Days are generally warm, with average high temperature around 35°C (95°F) and nights cooling down around 21°C to 25°C (68°F – 75°F).
- **Conditions:** The weather is typically sunny with clearing skies as the monsoon rains conclude.
- **Humidity:** The intense mugginess of the monsoon drops significantly by late October, though it can still be humid early in the month.
- **Rainfall:** Rainfall is unlikely, with very few, if any, wet days expected.