

# Celebration of National Science Day-2023 in Punjab

**Theme NSD-2023:** 'Global Science for Global Wellbeing'

**DATE - 28<sup>th</sup> February, 2023**

**Event catalyzed and supported by**

**Punjab State Council for Science & Technology (PSCST)**

**&**

**National Council for Science & Technology Communication (NCSTC)**

**Department of Science & Technology (DST), GoI**

**Organized By:**

**SciRox** - Science Club

in collaboration with **Physics Students' Society**, GNDU

## About SciRox

[SciRox](#) is the student activity club of Guru Nanak Dev University, Amritsar, devoted fully to promote Science in the young generation of Punjab. SciRox is a student-run club with a purpose to promote various scientific activities among students. SciRox has organized multiple activities, events and festivals and is constantly working to keep the scientific spirit alive in the students. The club aims to develop scientific temperament, increase collaboration among students, other departments and activity clubs, so that everyone can learn and grow together.



## About Physics Students' Society

Physics Students' Society is the student-run society of the [Department of Physics](#), Guru Nanak Dev University, Amritsar. It aims to develop scientific temperament and amplify student participation in various scientific activities. It regularly organizes webinars, alumni talks, quizzes and several other science popularization events.

## About the Event

SciRox, the student activity club for science, with the help of the Department of Physics, is organizing a full day celebration of NSD (National Science Day) on February 28, 2023 to celebrate the Nobel Prize winning discovery of Sir C. V. Raman - "Raman Effect".

NSD will be a One-day event during which students will get a chance to participate in many Science related competitions, games and lectures. It will be open for all college and university students of Amritsar, Punjab.

### Events:

1. Science Quiz (College/University Level)
2. Science themed Rangoli Competition (College/University Level)
3. Science themed Poster Making Competition (College/University Level)
4. Expert Lecture (for Everyone)

## Organizations Involved

### DST

The Department of Science & Technology plays a pivotal role in promotion of science & technology in the country. The department has wide ranging activities ranging from promoting high end basic research and development of cutting-edge technologies on one hand to service the technological requirements of the common man through development of appropriate skills and technologies on the other.



### NCSTC



The National Council for Science and Technology Communication (NCSTC) is mandated to communicate Science and Technology to masses, stimulate scientific and technological temper and coordinate and orchestrate such efforts throughout the country. The programmes of NCSTC aim at building capacity for informed decision making in the community and promote scientific thinking.

### PSCST

The Punjab State Council for Science & Technology, serves as State level node of Department of Science & Technology, Govt. of India and think-tank of Department of Science, Technology & Environment, Govt. of Punjab. It works to harness the potential of science and technology for sustainable development & ensure that S&T efforts do not remain restricted to scientific laboratories but percolate to the grass root.



# Event: Science Quiz



## Timing :

2:30 pm onwards

## Venue :

Guru Nanak Bhawan,  
Main Auditorium, GNDU

## Description :

This will be a team game. Every participating team must have two members in it. There will be three rounds in the quiz. After every round, teams will be eliminated according to the rules. The highest scoring team in the final round will be the winner.

## Instructions :

1. Students must carry their ID cards with them.
2. Every participant has to report 30 minutes before the actual time.
3. All interested students have to register for the quiz through the provided link. No new entries will be entertained after the deadline.

## Rules and Regulations :

1. The Winner team will get a **cash prize of Rs. 1,100**.
2. Top 3 teams will get **medals** and **certificates**.
3. Every participant will get a **certificate of Participation**.
4. There will be 3 rounds in the quiz.
5. Out of all the registered teams, 10 teams will be selected to play the second level of the quiz, based on their scores in the first round.
6. After the second round, 5 more teams will be eliminated and the last 5 teams will play the third round.
7. The highest scoring team of this final round will be the winner.

## Registration Form Link :

<https://forms.gle/gQ35dxBQ4CKvp3aW9>

## Contact For More Information :

Naresh Aneja - 946762619, Anpreet Kaur - 7340996014



# Event : Rangoli Making Competition

## Theme :

Science and Technology

## Timing :

11:30 am onwards

## Venue :

Sangat Hall,  
Guru Nanak Bhawan, GNDU



## Description :

This event will consist of making and presentation of Science themed Rangoli by college and University students. Teams of two students will make their Science themed Rangoli in the given time and will present their work to the judges with a brief explanation of it.

## Instructions :

1. Students must carry their ID cards with them.
2. Every participant has to report 30 minutes before the actual time.
3. All interested students have to register for the competition through the provided link.  
No new entries will be entertained after the deadline.
4. Every team has to use their own material to make their Rangoli.

## Rules and Regulations :

1. The Winner team will get a **cash prize of Rs. 1,100.**
2. Top 3 teams will get **medals** and **certificates.**
3. Every participant will get a **certificate of Participation.**
4. All the teams will have two hours to make their science themed Rangoli.
5. Each Participating Team will have a maximum five minutes to present their work.
6. Only one best team will be the winner.

## Registration Form Link :

<https://forms.gle/gQ35dxBQ4CKvp3aW9>

## Contact for More Information :

Himanshi - 7658026569, Davinderjeet Kaur - 7837254571



# Event : Poster Making Competition



## Theme :

Science and Technology

## Timing :

11:30 am onwards

## Venue :

Sangat Hall, Guru  
Nanak Bhawan, GNDU

## Description :

This event will consist of making and presentation of Science theme based Poster by College/University students. Teams of two students will make their Science themed Poster in the given time and will present their work to the judges with a brief explanation of it.

## Instructions :

1. Students must carry their ID cards with them.
2. Every participant has to report 30 minutes before the actual time.
3. All interested students have to register for the competition through the provided link.  
No new entries will be entertained after the deadline.
4. Every team has to use their own material to make their handmade Poster.

## Rules and Regulations :

1. The Winner team will get a **cash prize of Rs. 1,100.**
2. Top 3 teams will get **medals** and **certificates.**
3. Every participant will get a **certificate of Participation.**
4. All the teams will have two hours to make their science themed Poster.
5. Each participating team will have a maximum five minutes to present their work to judges.
6. Only one best team will be the winner.

## Registration Form Link :

<https://forms.gle/gQ35dxBQ4CKvp3aW9>

## Contact for More Information :

Ishan Singh - 7814062493, Shagun - 6239912170

## **Event : Expert Lecture on “Raman Effect”**



**Prof. Atul Khanna,  
Head - Department of Physics  
Guru Nanak Dev University, Amritsar.**

**Timing :**  
10-11am

**Venue :**  
Guru Nanak Bhawan Main Auditorium, GNDU

**Description :**  
There will be a lecture on the “Raman Effect” and how this discovery changed the view of Indian people towards the field of Science, by our expert, Prof. Atul Khanna, specialized in Material Physics, HOD of Physics Department, GNDU, Amritsar.

**Instructions :**

1. Every student who has participated in any event of the day, must attend this lecture.
2. Students must carry their ID cards with them.

**Contact for More Information :**  
Samreet Dhillon - 7986705747

# Organizing Committee

## CHIEF PATRONS :

**Prof. (Dr.) Jaspal Singh Sandhu**  
(Hon'ble Vice-Chancellor, GNDU Amritsar)

**Dr. Jatinder Kaur Arora**  
(Executive Director, PSCST, Chandigarh)

## PATRONS :

**Prof. (Dr.) Preet Mohinder S. Bedi**  
(Dean Students' Welfare)  
Guru Nanak Dev University, Amritsar

**Dr. Kulbir Singh Bath**  
(Joint Director (STITFD) PSCST, Chandigarh)

## STEERING COMMITTEE :

**Prof. Jatinder Kaur**  
(Mentor - SciRox, Science Club, GNDU)

**Prof. Atul Khanna**  
(Head - Department of Physics, GNDU)

**Dr. Anupinder Singh**  
(Assistant Professor,  
Department of Physics, GNDU)

**Dr. Aman Mahajan**  
(Associate Professor, Department of  
Physics, GNDU)

**Yatin Batra**  
(Convener - SciRox, Science Club, GNDU)

**Naresh Aneja**  
(Core-Committee member, SciRox)

**Samreet Singh Dhillon**  
(Core-Committee member, SciRox)

## STUDENT COORDINATORS :

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Mandeep Kaur (Department of Physics)  
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