



SciRoX, Science Club GNDU,  
In collaboration with  
Physical Science Society, NJTJ and  
Amritsar Chess Club  
presents

# Knights & Kings

ONLINE OPEN  
CHESS COMPETITION  
2020

Platform : [Lichess.org](https://lichess.org)



NOVEMBER 29  
12 NOON - 2PM (IST)

Register by: November 28, 5 PM IST

Register for Free!



**Exciting cash prizes worth  
₹1000 for top 50 players!**

<b>King: 500 Rs</b>	<b>11th-20th: ₹50 each</b>
<b>2nd-3rd: 250 Rs</b>	<b>21st-30th: ₹40 each</b>
<b>3rd-4th: 200 Rs</b>	<b>31st-40th: ₹30 each</b>
<b>4th-5th: 150 Rs</b>	<b>41st-50th: ₹25 each</b>
<b>6th-7th: 100 Rs</b>	
<b>7th-8th: 50 Rs</b>	
<b>9th-10th: 20 Rs</b>	

**Sponsored by:**



Click Here to Register

For queries, Contact:  
Dr. Bindya Aora - [bindya.aora@gndu.ac.in](mailto:bindya.aora@gndu.ac.in)  
on the website:  
[scienceclubgndu.ac.in](http://scienceclubgndu.ac.in)



Click Here to Register

Media Partner



LiveStream Link







*A Virtual Debate Competition...*

# E-LEARNING: A BOON OR A BANE

Attend or Participate { A team of 2 can participate }  
Present your views in favour or against E-Learning

Language: English

Time limit : 2-3 minutes/participant

LAST DATE TO REGISTER : MAY 17, 2020

**FRIDAY**  
May 22, 2020




**5:00PM IST**


To Participate/attend — [Click here](#)


Only students from different institutions can participate.  
Maximum duration of debate is 3 minutes in audience

Other details will be sent soon after registration  
For further queries, Contact : Dr. Bindiya Arora (Convener-SciRox)  
bindiya.phy@gndu.ac.in

 [gnduscirox@gmail.com](mailto:gnduscirox@gmail.com)

 [the\\_scirox](https://www.instagram.com/the_scirox)

 SciRoX and  
Vigyan Parishad Panchnad (VPP)  
organizes



**KALAM  
KO  
SALAM**

A State level quiz  
competition dedicated to  
APJ Abdul Kalam's life

**Celebrating Dr. Kalam's 89th Birth Anniversary**  
(October 15)

**OCTOBER 23, 2020**  
**4:00 PM(IST) ONWARDS**

Open for students of  
Class 5th to 8th

Check the registration form for detailed guidelines  
Link to registration form: <https://tinyurl.com/scirox-quiz>  
Last date to register: October 21, 2020  
(5:00 PM IST)

# SCIENCE DAY



**SCIROX**  
(IN COLLABORATION WITH  
THE CHEMICAL SOCIETY AND  
PHYSICS DEPARTMENT)

**PRESENTS  
SCIENCE FAIR**

Poster Presentations  
Scientific Demonstrations  
Scientific Rangoli  
Fun Games

We invite you to attend  
the Science Fair and  
have fun !

**FEBRUARY 27**

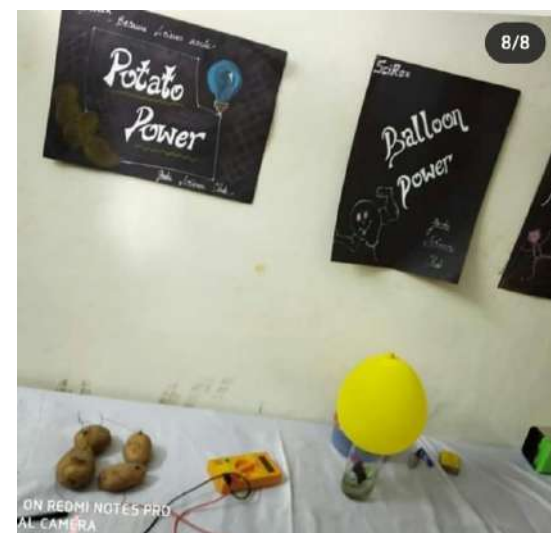
**TIMINGS: 11:00-3:00**  
**VENUE: GURU NANAK  
BHAWAN**  
Reporting time for  
participants - 10:00 am

**CONTACT**

**ISHITA** **SIMRAN**  
(9646637996) (9781308595)

**NATIONAL  
SCIENCE DAY  
2020**

**GURU NANAK  
DEV UNIVERSITY**



# SCIENCE FAIRS & EXHIBITIONS



# STAR GAZING



**SciRox**  
Because Science Rocks

**TAARE ZAMEEN PAR**  
Star Gazing Evening at A1 house  
October 15, 7:00 PM

**15<sup>th</sup> of October** is going to be a perfect day to see the conjunction of Moon and Saturn. The Science club will be setting up TWO ASTRONOMICAL TELESCOPES to gaze at the CRATERS OF MOON and the RINGS OF SATURN, and to teach how to spot different planets among thousands of stars. GNDU Talkies will run a Sci-Fi short film before the event.

**A1 HOUSE**  
**7:00 PM**

To Register, message 7694620231

\* ENTRY:  
Members @ 10/-  
Non-members @ 20/-

Fascinated by virtual life, space travel and comedy in general? Watch U.S.S. CALLISTER from anthology series BLACK MIRROR (E01504)

**GNDU**  
Talkies

Show Starts at 5:15 PM

U.S.S. CALLISTER

\*Refreshments will be provided



**SciRox - Science Club**  
GURU NANAK DEV UNIVERSITY

# WEBINAR

## Civilisation of Employment



**Harshprateek Singh**  
President, Education Planet Welfare Society,  
Entrepreneur, Website Developer

**SATURDAY, JUNE 20**  **5:00 PM IST**

For any queries, contact SciRox's Conveners:  
Dr. Anshika Arora - [anshika.phy@gnud.ac.in](mailto:anshika.phy@gnud.ac.in)  
Dr. Vanshi Singh Mittal - [vanshi.chem@gnud.ac.in](mailto:vanshi.chem@gnud.ac.in)  
[gups@scirox@gmail.com](mailto:gups@scirox@gmail.com) [the-scirox.com](http://the-scirox.com)

Harshprateek Singh, Founder

**SciROX** presents


**A Webinar**

# PHYSICS, MATHS AND US

*Insights into*


- Symmetries in Nature
- Grand Unification Theory
- Conservation Laws
- Theory of Everything

**Our Speaker**





**Rajesh Kumar**  
Senior Research Fellow  
Dr. S.R. Ambekar  
National Institute of Technology  
Jabalpur

**Monday**  
**May 11, 2020**

**Live on**  
  
**zoom**

**5 PM**  
**IST**

To get the meeting Id and Password  
Contact us at

 **the scirox**  **gnduscirox@gmail.com**

# TALKED ABOUT ENVIRONMENT



**SciRox**  
A webinar on  
**(BIO)DIVERSITY AROUND  
FOR WE ARE NOT ALONE HERE**

World  
Environment  
Day

Our Speaker:  
An Academic,  
An Author,  
A Practitioner &  
A Thought leader  
**Prof. Anish Dua**  
Department of Zoology  
GNDU, Amritsar

To Register:  
Live on **5:00 PM IST  
JUNE 4, 2020**

For any queries contact: Dr. Bindiya Arora  
(Convenor - SciRox) bindiya.phy@gndu.ac.in

Ministry of Environment, Forest and Climate Change | GNDU, Amritsar | Punjab State Council for Science & Technology | ENVIS Hub, Punjab

In collaboration with:  
**SciRox**  
CELEBRATES  
**International Day for the Preservation of the Ozone Layer 2020**  
OZONE FOR LIFE - 35 YEARS OF OZONE LAYER PROTECTION

Speakers of the day:

Dr. N. Srinivas  
Prof. & Head  
Department of Environmental  
Sciences  
GITAM University, Visakhapatnam

Dr. Jatinder Kaur  
Assoc. Prof. & Head  
Department of Botanical and  
Environmental Sciences  
GNDU, Amritsar

**WEDNESDAY, SEPTEMBER 16TH | 2:30 PM TO 4:30 PM | ZOOM & YOUTUBE LIVE**  
Register yourself at: [tinyurl.com/scirox-ozone](https://tinyurl.com/scirox-ozone)

For any queries related to the webinar contact:  
Dr. Bindiya Arora, bindiya.phy@gndu.ac.in  
Dr. Venus Singh Mithu, venus.chem@gndu.ac.in  
Mr. Yatin Batra, 9915276269

@sci\_rox  
@the\_scirox  
gnduscirox@gmail.com

SCIROX IN ASSOCIATION WITH  
PSCST INVITES YOU TO THE  
CELEBRATION OF  
**BHARAT KA AMRIT  
MAHOTSAY  
(ICONIC WEEK ACTIVITIES)**  
**Webinar on  
Single Use Plastic:  
Don't Laminiate the  
Earth**

Saturday, 9th October 2021  
1:40 pm Onwards

Prof. Jaspreet Singh Sandhu  
Vice-Chancellor  
Guru Nanak Dev University  
Chief Patron

Prof. Adesh Pal Vij  
Chairman  
Punjab Pollution Control Board  
Chief Guest

Prof. Rakesh Sharma  
Punjab Agricultural  
University, Ludhiana

Prof. V.K. Garg  
Central University of Punjab,  
Bathinda

Dr. Harpreet Kaur  
Kanya Mahila Vastushastra,  
Jalandhar

Dr. J.P. Kundra  
Founder  
Dr. Rakesh & Sonal Systems

Free  
Zoom Webinar

Register at:  
<https://forms.gle/9K7Y8uZy9u8H1A>

E-Certificates for  
Participants

**Webinar on National Energy  
Conservation Day**  
December 14th, 2021 | 02:50 PM - 04:20 PM

Er Pritpal Singh  
Additional Director,  
PSCST

Dr Navdeep Singh  
Dept. of chemical engineering  
and physical sciences, LPU Phagwara

Dr Ashita Sharma  
Dept. of civil engineering,  
CU, Mohali

Prof. R Baskar  
School of Sciences,  
IGNOU, New Delhi

CLICK ON THE ICON TO JOIN

Meeting Id: 841 6252 5110  
Passcode: energy

SciRox GNDU  
YouTube Channel

CONTACT:  
bindiya.phy@gndu.ac.in

Ministry of Environment, Forest and Climate Change | GNDU, Amritsar | Punjab State Council for Science & Technology | ENVIS Hub, Punjab

**SciRox**  
PRESENTS  
**One Day National Webinar on Van-Mahotsav 2021**

Speakers of the day:

Dr. Manoj Kumar  
Scientist and In-Charge  
GIS Centre, IT & GIS Discipline  
Forest Research Institute  
Dehradun

Dr. Rajiv Kumar Chaturvedi  
Assistant Professor  
BITS, Pilani, Goa Campus  
(Formerly National  
Environmental Sciences  
Fellow, IISc)

**TUESDAY, JULY 6TH | 11:00 AM TO 12:00 PM | ZOOM & YOUTUBE LIVE**  
Register yourself at: <https://sites.google.com/view/scirox-gndu/home>

For any queries related to the webinar contact:  
Dr. Bindiya Arora, bindiya.phy@gndu.ac.in  
Ms. Ravleen Singh, ravleenmarwah@gmail.com  
Mr. Yatin Batra, 9915276269

@sci\_rox  
@the\_scirox  
gnduscirox@gmail.com

# TALKED ABOUT HEALTH



A webinar on  
**COMMONLY COMMITTED  
MISTAKES IN COVID 19  
ILLNESS AND VACCINE RELATED  
FREQUENTLY ASKED QUESTIONS**

**May 2, 2021 4:00 pm (IST)**

Meeting ID: 819 7200 6553 passcode: 081166

**Our Patron**  
Prof. Jaspal Singh Sandhu  
Vice Chancellor,  
Guru Nanak Dev University, Asr

**Our Speaker**  
Dr. Vineet Sehgal  
MBBS MD Medicine (Gold Medalist)  
DM-Neurology (PGI Chandigarh)  
Senior Consultant Neurophysician

For queries, contact:  
Dr. Bindiya Arora, bindiya.phy@gndu.ac.in

**NH Narayana Superspecialty Hospital, Gurugram**  
in association with  
**Guru Nanak Dev University, Amritsar**  
is organizing  
**Webinar**  
on  
**"How to prevent cancers and  
lead a healthy life"**

**Date: 30<sup>th</sup> October, 2020 | Time: 4 PM to 5 PM**

**Speaker**  
**Dr. Indu Bansal Aggarwal**  
MBBS, MD, DFM  
Director and Senior Consultant - Radiation Oncology

Dr. Indu Bansal Aggarwal is working as Director and Senior Consultant, Department of Radiation Oncology in Narayana Superspecialty Hospital, Gurugram. She has over 20 year of experience in the field & has worked in some of the best hospitals as Rajiv Gandhi Cancer Hospital, Satra Hospital, Max Superspecialty Hospital, Saket and Artemis Hospital, Gurugram. She has done Fellowship from renowned MD Anderson Cancer Centre, Houston, Texas. She has co-authored book chapters and has numerous publications to her credit in National and International journals. She is an invited speaker in various conferences of repute. She has many awards to her credit. She is skilled in all high end techniques of radiation as SRS, FRS, SBRT, 3DCRT, IMRT, IGRT, Gating, Intracavitary, Intratumoral and interstitial brachytherapy. Her special areas of interest are central nervous system tumors, breast, head & neck cancers, pediatric tumors and in young & adult oncology. She is very actively involved in creating awareness about cancer, its prevention, early diagnosis, rehabilitation of patients and motivation of patients and caregivers. She treats her patients with utmost empathy and believes in giving affordable, easily accessible healthcare with utmost precision, quality and accuracy.

To connect with our experts, please log on to the below link:  
Register at : <https://bit.ly/31thRG5>

For more information, Contact : Dr. Bindiya Arora - bindiya.phy@gndu.ac.in  
Contact : Rakesh Behl: +91 96151 44661 (Narayana Superspecialty Hospital)

SCIROX AND AMANDEEP HOSPITAL  
ARE ORGANISING A VIRTUAL CONCLAVE

**COVID  
IN KIDS**

**22 May, 2021 | Saturday**  
**1:00 pm**

**PANELIST**

**DR. AMANDEEP KAUR**  
CEO - Amandeep  
Group of hospitals

**DT. HARJEET KAUR**  
Senior Dietitian  
MSc. (Food & Dietetics), PGDFM

**DR. JASLEAN ARORA**  
M.B.B.S, MD (Pediatrics)  
Fellow (Neurology), Consultant  
Neurology Paediatrics

**DR. BINDIYA ARORA**  
Assistant Prof. Department of Physics  
Member, SciRox Science Club  
GNDU, Amritsar

**MODERATOR**

**SciRox** presents  
**EMPOWERING SCHOOL CHILDREN  
TO MAKE WISE FOOD CHOICES**

A webinar by Chef Gayatri Peshawaria

**GAYATRI PESHEWARIA**  
is a chef educator at Gayatri's Gourmet, an  
Amritsar based food education company that  
conducts farm to fork education programmes  
in association with local schools. This  
webinar aims to empower school children to  
make wise food choices while learning in a  
pleasurable environment.

**SATURDAY  
AUGUST 8, 2020  
4:00PM - 5:00PM (IST)**

Register at:  
<https://forms.gle/ZBYa2IVPYniivEc8>

For any queries, contact SciRox's Convenors  
Dr. Bindiya Arora - bindiya.phy@gndu.ac.in  
Dr. Venus Singh Mithu - venuschem@gndu.ac.in

the\_scirox  
gnduscience@gmail.com  
sci\_rox

# TALKED ABOUT MENTAL HEALTH




**SciRox** **PaleBlueDot**  
present


**MENTAL HEALTH FOR ALL**  
A series of lectures to celebrate  
"World Mental Health Day"

**INAUGURAL SESSION: OCTOBER 10, 2020**  
4:00PM - 6:30PM (IST)

**SPEAKERS**



**Dr. ALOK BAJPAI**  
(Psychiatrist, Researcher, Author)  
Title of talk:  
**UNDERSTANDING MIND**




**Dr. MAITRI GOPALAKRISHNA**  
(Psychologist, Drama therapist, Trainer)  
Title of talk:  
**MENTAL HEALTH DURING A PANDEMIC**

Register at : <http://tinyurl.com/mhealth-2020>

For queries, contact:  
Dr. Bindya Arora - bindya.phy@gndu.ac.in  
Dr. Aarti Girdhar - ourspaleblue.com@gmail.com

**the\_scirox**  
gnduscirrox@gmail.com  
SCI\_ROX



**SciRox** **PaleBlueDot**  
present

**MENTAL HEALTH FOR ALL**  
A series of lectures to celebrate "World Mental Health Day"

**SESSION 2: OCTOBER 24, 2020**  
9:00 AM - 10:30 AM (IST)

**OUR SPEAKER**



**Dr. GAIL BRENNER**  
(Clinical Psychologist, Proponent of  
conscious living, Author)  
Title of talk:  
**FINDING OUR CALM CENTER  
IN EVERYDAY LIFE**

Register at : <http://tinyurl.com/mhealth-2020>

For queries, contact:  
Dr. Bindya Arora - bindya.phy@gndu.ac.in  
Dr. Aarti Girdhar - ourspaleblue.com@gmail.com

**the\_scirox**  
gnduscirrox@gmail.com  
SCI\_ROX




**SciRox** **PaleBlueDot**  
present

**MENTAL HEALTH FOR ALL**  
A series of lectures to celebrate "World Mental Health Day"

**SESSION 3: OCTOBER 31, 2020**  
4:00 PM (IST)

**OUR SPEAKER**




**NIGHAT GANDHI**  
Mental Health Counsellor, Author  
Title of talk:  
**GENDER AND MENTAL HEALTH:  
SOCIO-CULTURAL PERSPECTIVES**  
(Exclusively for Female Participants)

Register at : <http://tinyurl.com/mh-females>

For queries, contact:  
Dr. Bindya Arora - bindya.phy@gndu.ac.in  
Dr. Aarti Girdhar - ourspaleblue.com@gmail.com

**the\_scirox**  
gnduscirrox@gmail.com  
SCI\_ROX



**SciRox**

**MENTAL HEALTH**  
handle it before it handles you!

A webinar by



**Dr. Aarti Girdhar**  
A WOS-A Scientist (Particle Physicist)  
by Profession and a Mental Health  
Enthusiast by Passion.

**July 1, 2020**  
5:00 pm IST

For any queries, contact SciRox's Convenors:  
Dr. Bindya Arora - bindya.phy@gndu.ac.in  
Dr. Venus Singh Midha - venus.chem@gndu.ac.in

**the\_scirox**  
gnduscirrox@gmail.com



# LIGHTENING THE LOCKDOWN



**GURU NANAK DEV UNIVERSITY**

Accredited at "A++" grade by NAAC and Conferred "University with Potential for Excellence" status by UGC



**SciRox**  
BECOME SCIENCE ROX

## LIGHTENING THE LOCKDOWN LECTURE SERIES

*Challenges and Solutions on COVID-19 issues*



### INAUGURAL LECTURE

Mr. Suresh Kumar, IAS (Retd.)

Chief Principal Secretary to Chief Minister of Punjab

Time: 10.00 AM - 10.30 AM



Resource Person: Prof. (Dr.) Ved Parkash  
Former Chairman, UGC, New Delhi

Time: 10.30 AM - 11.30 AM



Resource Person: Prof. (Dr.) Ram Singh  
Professor

Department of Economics  
University of Delhi, Delhi

Time: 11.30 AM - 12.30 PM



Resource Person: Dr. Renu Wadhwa

Prime Senior Research Scientist  
AIST, Japan

Time: 12.30 PM - 1.30 PM

### CONVENORS:

Dr. Bindiya Arora  
bindiya.phy@gndu.ac.in

Dr. Venus Singh Mithu  
venus.chem@gndu.ac.in

### ORGANIZING TEAM

Mr. Yatin Batra, Student President, SciRox  
Ms. Simranpreet Kaur, Editor, SciRox  
Mr. Abhijeet Singh, Senior Member, SciRox  
Mr. Sukhjinder Singh, Member, SciRox  
Ms. Gurleen Kaur, Member, SciRox  
Ms. Jasmine Gupta, Member, SciRox  
Ms. Tavshabad Kaur, Member, SciRox  
Ms. Saher Soni, Member, SciRox

### DATE & TIME:

**FRIDAY, AUGUST 14**

FROM 9.45 AM - 1.30 PM

### REGISTRATION:

[www.tinyurl.com/scirox-series](http://www.tinyurl.com/scirox-series)

### PLATFORM:

Zoom/google meet

### SUPPORTED BY:



Govt. Of Punjab

# LIGHTENING THE LOCKDOWN



**GURU NANAK DEV UNIVERSITY**  
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**SciRox**  
Series Club - GNDU

Presents

**LIGHTENING THE LOCKDOWN LECTURE SERIES**  
"Challenges and Solutions on COVID-19 Issues"

**Role of Genetic Engineering and Biotechnology in combating COVID-19**

**Prof. (Dr.) Virander Singh Chauhan**  
Padma Shri Awardee  
Executive Chairman, NAAC  
Former Chairman, UGC & Former Director, ICGEB, New Delhi

**Time & Date:** SATURDAY, AUGUST 22  
FROM - 3PM to 4PM

**Registration:** [tinyurl.com/scirox-series-2](https://tinyurl.com/scirox-series-2)

**Platform:** ZOOM / YOUTUBE LIVE

E-certificates will be provided (Limited seats)

**ABOUT THE SPEAKER**  
Prof. Virander Singh Chauhan is currently Executive Chairman of National Assessment and Accreditation Council (NAAC) - an Autonomous Institution of University Grants Commission (UGC). He is an Indian scientist and a Rhodes Scholar working in the fields of genetic Engineering and Biotechnology and known for his contributions to the development of a recombinant vaccine for malaria. He was honored by the Government of India in 2012 with the fourth highest Indian civilian award of Padma Shri.

FOR ANY QUERIES CONTACT CLUB CONVENORS  
Dr. Bindiya Arora, [bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)  
Dr. Venus Singh Mithu, [venus.chem@gndu.ac.in](mailto:venus.chem@gndu.ac.in)

[gnducroxx@gmail.com](mailto:gnducroxx@gmail.com) [the\\_scirox](https://www.facebook.com/the_scirox) [sci\\_rox](https://www.instagram.com/sci_rox)

**GURU NANAK DEV UNIVERSITY**  
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**SciRox**  
Series Club - GNDU

Presents

**LIGHTENING THE LOCKDOWN LECTURE SERIES**  
"Challenges and Solutions on COVID-19 Issues"

**COVID-19: A 360° APPROACH**

**Prof. (Dr.) Neel Sarovar Bhavesh**  
Group Leader, ICGEB, New Delhi

**Time & Date:** SATURDAY, AUGUST 22  
FROM - 4PM to 5PM

**Registration:** [tinyurl.com/scirox-series-2](https://tinyurl.com/scirox-series-2)

**Platform:** ZOOM / YOUTUBE LIVE

E-certificates will be provided (Limited seats)

**ABOUT THE SPEAKER**  
Dr. Neel Sarovar Bhavesh is a Group Leader, Transcriptional Regulation at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India. His group works on wide array of biophysical, biochemical and molecular biology techniques for understanding the structure and function of macromolecules with special thrust on molecular mechanism of Protein-RNA interactions. He is member of the editorial board of Nature Scientific Reports and reviews scientific manuscripts for international journals in the fields of structural biology.

FOR ANY QUERIES CONTACT CLUB CONVENORS  
Dr. Bindiya Arora, [bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)  
Dr. Venus Singh Mithu, [venus.chem@gndu.ac.in](mailto:venus.chem@gndu.ac.in)

[gnducroxx@gmail.com](mailto:gnducroxx@gmail.com) [the\\_scirox](https://www.facebook.com/the_scirox) [sci\\_rox](https://www.instagram.com/sci_rox)

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**SciRox**  
Series Club - GNDU

Presents

**LIGHTENING THE LOCKDOWN LECTURE SERIES**  
"Challenges and Solutions on COVID-19 Issues"

**COVID-19 and the future of the Indian Economy.**

**Prof. (Dr.) Ram Singh**  
Professor, Delhi School of Economics  
University of Delhi, Delhi

**Time & Date:** FRIDAY, AUGUST 28  
FROM - 11AM to 12PM

**Registration:** [tinyurl.com/scirox-series-3](https://tinyurl.com/scirox-series-3)

**Platform:** ZOOM / YOUTUBE LIVE

E-certificates will be provided (Limited seats)

**ABOUT THE SPEAKER**  
Prof. Ram Singh completed his Ph.D in economics from Jawaharlal Nehru University, New Delhi in 2003 and Post-Doc (Economics) from Harvard University, USA in 2004. His areas of research include Contract Theory, Law and Economics, Public Private Partnerships, Infrastructure, Property Rights, Law and Economics in India. He enriched his teaching and research expertise while serving in Indian as well as international institutions at various positions. He was also the Visiting Associate Professor of Dept. Of Economics, Brown University, USA and Visiting Associate Professor of Institute of Law and order, University of Hamburg, Germany. He appeared as subject expert before the Joint Committee of the Parliament on the Land Acquisition Bill, 2015, on June 23, 2015. Prof. Ram Singh has 36 publications, articles, journals and conference presentations that add to his powers and skills.

FOR ANY QUERIES CONTACT CLUB CONVENORS  
Dr. Bindiya Arora, [bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)  
Dr. Venus Singh Mithu, [venus.chem@gndu.ac.in](mailto:venus.chem@gndu.ac.in)

[gnducroxx@gmail.com](mailto:gnducroxx@gmail.com) [the\\_scirox](https://www.facebook.com/the_scirox) [sci\\_rox](https://www.instagram.com/sci_rox)

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**SciRox**  
Series Club - GNDU

Presents

**LIGHTENING THE LOCKDOWN LECTURE SERIES**  
"Challenges and Solutions on COVID-19 Issues"

**COVID-19 and its impact on Education system**

**Prof. (Dr.) Mohammad Miyan**  
Former Vice-Chancellor, MANUU, Hyderabad

**Sociopsychological impact of COVID-19**  
(कोविड-19 महामारी का समाज-अर्थव्यवस्था पर प्रभाव)

**Prof. (Dr.) Sham Sunder Deepthi**  
Professor Emeritus, GMC, Amritsar

**Time & Date:** Friday, September 4  
FROM - 12PM to 2PM

**Registration:** [tinyurl.com/scirox-series-4](https://tinyurl.com/scirox-series-4)

**Platform:** ZOOM / YOUTUBE LIVE

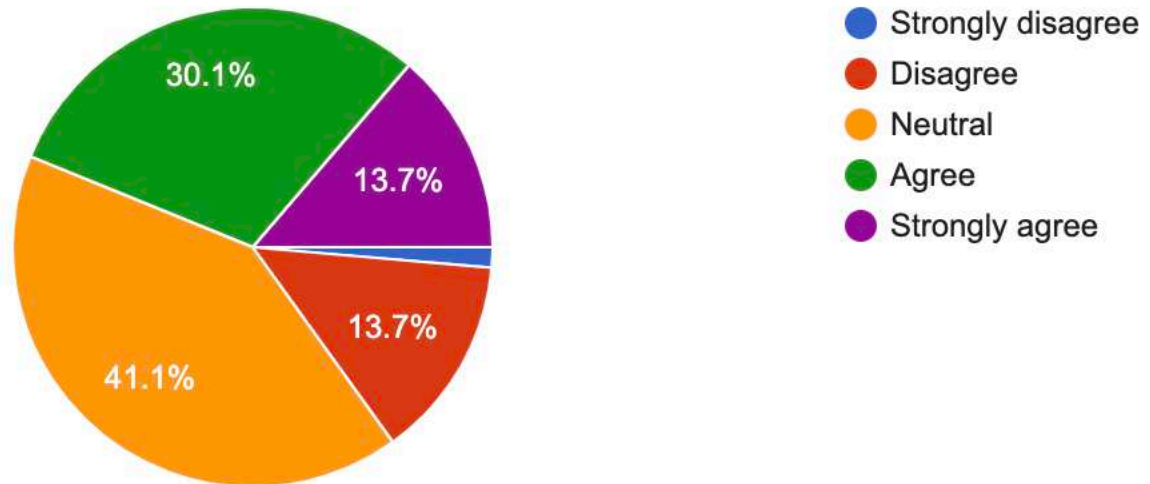
E-certificates will be provided (Limited seats)

**FOR ANY QUERIES CONTACT CLUB CONVENORS**  
Dr. Bindiya Arora, [bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)  
Dr. Venus Singh Mithu, [venus.chem@gndu.ac.in](mailto:venus.chem@gndu.ac.in)

[gnducroxx@gmail.com](mailto:gnducroxx@gmail.com) [the\\_scirox](https://www.facebook.com/the_scirox) [sci\\_rox](https://www.instagram.com/sci_rox)

Online webinar/Lecture Series are more useful than offline ones.

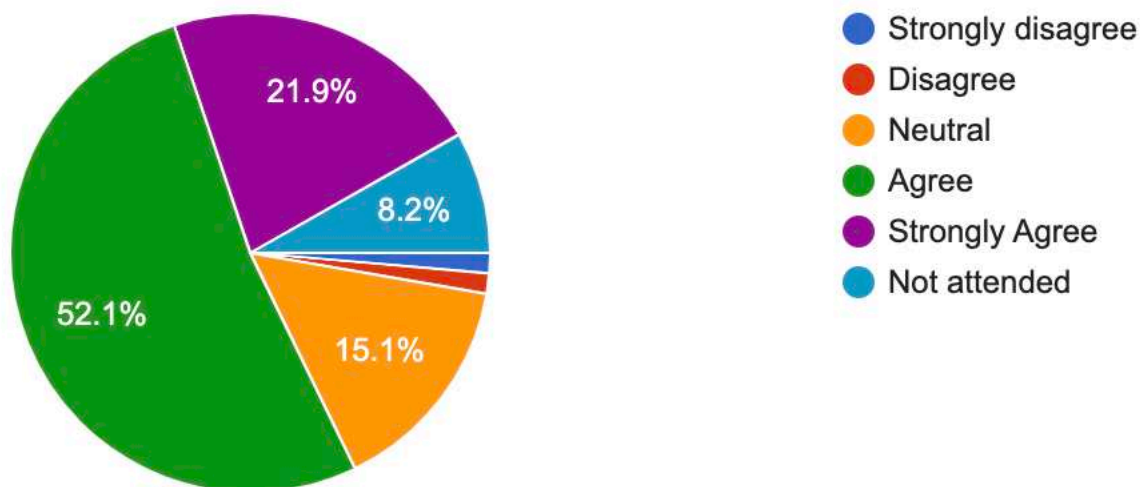
73 responses



- 30 percent of the audience who had attended the webinars found them more useful as compared to offline ones.
- 41 were neutral and didn't find much difference in both modes.

My way of studying and thinking about Science changed after attending SciRox Webinars and Online Lecture Series.

73 responses



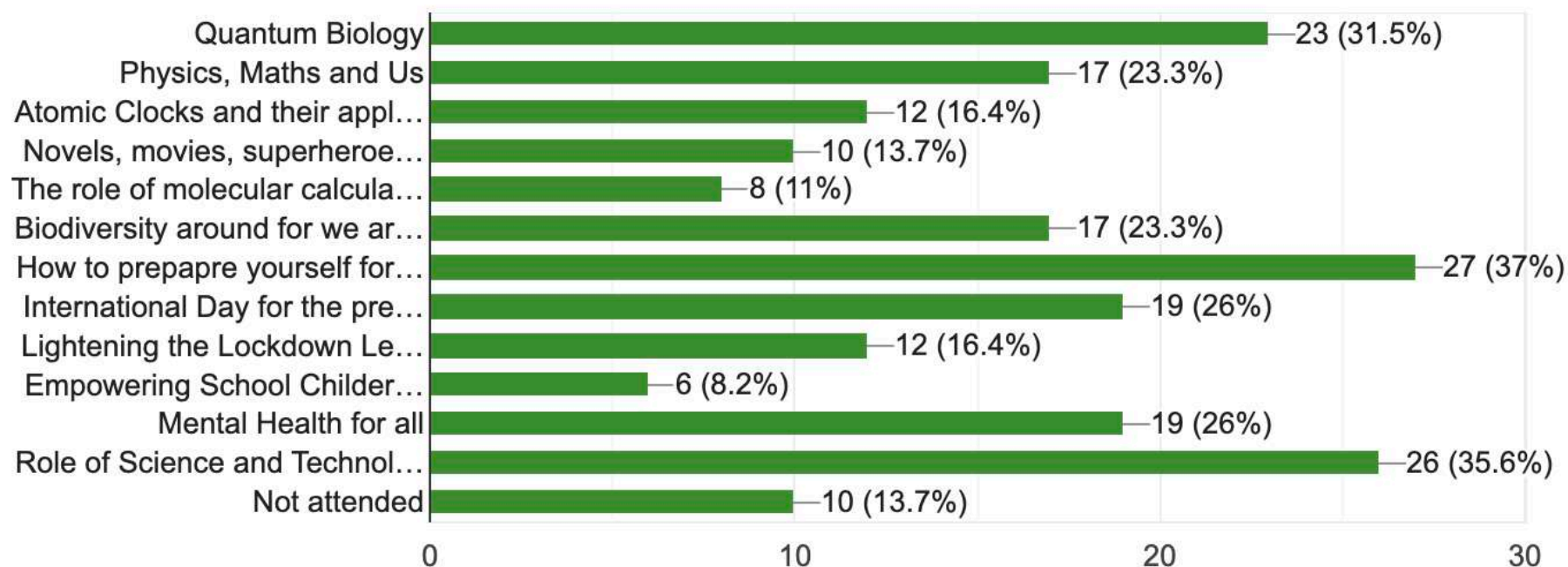
Around 75% of the audience were happy with the lectures club had organised and it changed their perception about science.

# IMPACT



Which webinar out all these was most useful to you and have put some impact in your life and career goals.

73 responses



# INTERACTIVE DISCUSSIONS



Guru Nanak  
Dev University



Punjab State Council for  
Science & Technology



SciRox  
Science Club, GNDU

**SCIROX, GNDU**

Presents

SCIENCE TECHNOLOGY INNOVATION POLICY 2020

Panel Discussion with Youth of Punjab



Dr. P.K. Pati  
Head, Biotechnology,  
GNDU



Dr. Dapinder Bakshi  
Joint Director,  
PSCST



Dr. V.S. Mithu  
Convener, SciRox,  
GNDU



Dr. Bindiya Arora  
Convener, SciRox,  
GNDU

On behest of Office of Principal Scientific Advisor-GOI & Department of Science & Technology-GOI  
PSCST & SCIROX invite Young Scientists & Researchers to share their views for shaping STI POLICY 2020

Thematic Areas : Education, Research, Mega  
Science, Access to Knowledge & Resources,  
Innovation, Capacity Development,  
Sustainable Technologies

**DATE & TIME**  
AUGUST 27 at 4 PM IST  
E-Certificates will be provided  
to attendees  
ZOOM & Youtube Live  
All the UG, PG and PhD Students of Punjab are invited to attend the session.  
REGISTER HERE: [tinyurl.com/scirox-STIP-2020](https://tinyurl.com/scirox-STIP-2020)  
For any queries contact: Mr. Yatin Batra : 9915276269 ; [yatinbatra34@gmail.com](mailto:yatinbatra34@gmail.com)  
(President, SciRox)

SciRox

Science Club, Guru Nanak Dev University

A COSMIC COLLOQUY WITH  
DR. PATRICK DAS GUPTA



Dr. Patrick Das Gupta is  
Professor and Interim Head of  
Department of Physics and  
Astrophysics at Delhi University.  
His areas of specialisation  
include General Relativity, High  
Energy Astrophysics, Black  
Holes and Quantum Theory.

AN INTERACTIVE Q&A  
SESSION WITH THE AUDIENCE

DATE ON ZOOM TIME  
MAY 20, 2020 05:00 PM  
IST

Contact: Dr. Bindiya ([bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in))

Please register by clicking on the link below:

<https://forms.gle/k2G1zDKhM5DqU1UE8>

the\_scirox

[gnduscirox@gmail.com](mailto:gnduscirox@gmail.com)

SciRox

Zara Hacke Zara Bachke Yeh hai career meri jaan...

Busting common Myths  
and Misconceptions about  
Jobs and Careers

A talk by :



Ritu Goyal

An enthusiastic and passionate professional with  
a blend of experience in corporate sector and  
in education management for over a decade.

To Register :

June 6, 2020 5:00 PM IST

For any queries, contact SciRox's Convenors:  
Dr. Bindiya Arora - [bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)  
Dr. Venus Singh Mithu - [venus.chem@gndu.ac.in](mailto:venus.chem@gndu.ac.in)

the\_scirox  
[gnduscirox@gmail.com](mailto:gnduscirox@gmail.com)

SciRox PRESENTS

CHALLENGES & OPPORTUNITIES  
FOR WOMEN IN SCIENCE



Live Talk Show With

**DR. VANDANA BHALLA**

(Recipient of the Mid Career Scientist  
Award and Thomson Reuters Research  
Excellence – India Citation Award)

To Register : [Click here](#)

FRIDAY  
29 MAY, 2020

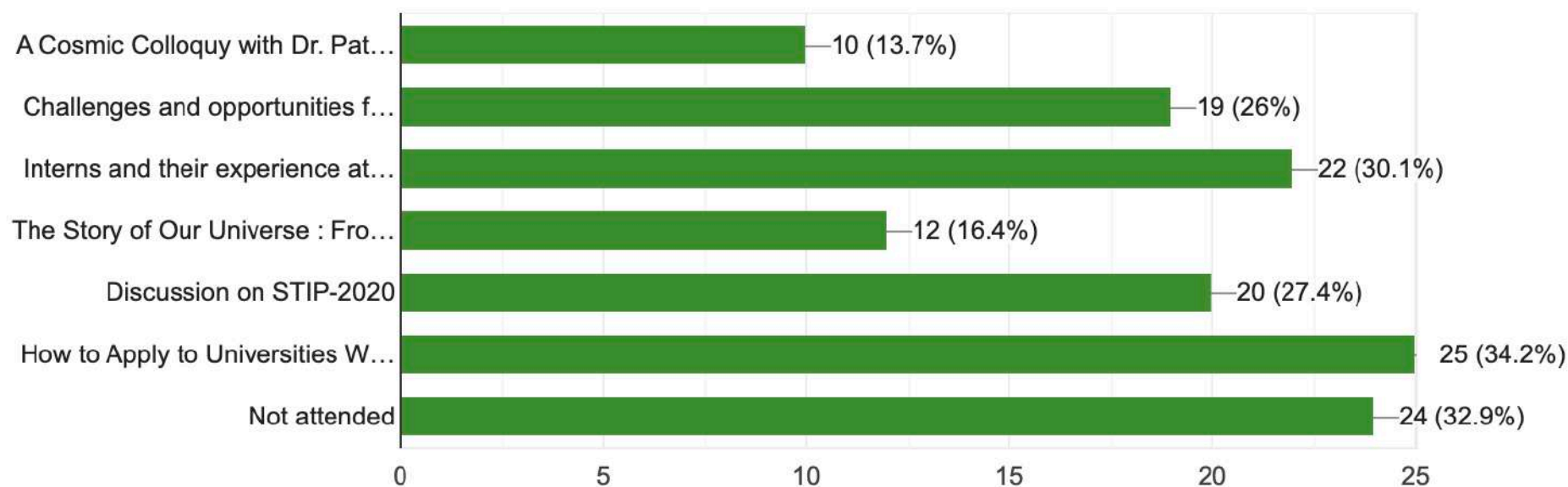
@/the\_scirox

FOR FURTHER  
INFO, CONTACT

DR. BINDIYA ARORA  
[bindiya.phy@gndu.ac.in](mailto:bindiya.phy@gndu.ac.in)

Which Interactive Session/Panel Discussion out all these was most useful to you and have put some impact in your life and career goals.

73 responses



# CONFERENCES



**NSCoS 2020**  
1<sup>st</sup> National Students' Conference on Spectroscopy

1<sup>st</sup> National Students' Conference on Spectroscopy  
16<sup>th</sup> – 17<sup>th</sup> OCTOBER, 2020  
Virtual Conference

Organized by  
 SciRox-Science Club, GNDU

Co-organized by  
 Chemical Research Society of India  
Local Chapter Chandigarh/Amritsar

Supported by  
 ACS Publications  
 Photonics  
 ACS OMEGA  
 THE JOURNAL OF PHYSICAL CHEMISTRY  
 analytical chemistry  
 Mass Spectrometry

WHERE LIMIT TENDS TO INFINITY

Presents

**Astrobiology Workshop**

Join us in this incredible Journey as we explore 'life' from a whole new perspective.

Dates:- 11-12 September 21  
Timings : 5.00pm

<https://tinyurl.com/xww89ev4>

Referral Code SC001

**REGISTER**

## FSQT 2020

Fundamental Sciences & Quantum Technologies using Atomic Systems

In honor of Prof. Bhanu Pratap Das on his 65<sup>th</sup> birthday

Participation on invitation basis only

### THEMES

Fundamental Physics  
Using Atoms & Molecules

Light - Matter  
Interactions

Quantum Information  
and Computation

### EVENTS

Keynote Talks  
Invited Talks

Contributing Talks  
Poster Presentations

Cash Prizes worth  
Rs. 10,000/-  
for best 3 posters

### DATES

Conference : 28 September – 1 October, 2020

Last Date To Register (Attend) : 25 Sept, 5 PM IST

Last Date To Submit Abstract : 20 Sept, 5 PM IST

REGISTER AT: <https://www.prl.res.in/~bijaya/FSQT.html>

### ORGANIZED BY:

Physical Research Laboratory, Ahmedabad, Gujarat  
SciRox, Science Club, GNDU, Amritsar, Punjab  
For queries, Contact: fsqt20@gmail.com

**ASTRO RETREAT 2020**

invites you to  
an online/virtual  
presentation  
cum-talk meet

**June 13, 2020**  
**10:00AM (IST) onwards**

**TOPICS INCLUDED:**

- ✓ Relativity and Gravitation
- ✓ Cosmology
- ✓ High Energy Physics
- ✓ Quantum Mechanics and Applications
- ✓ Instrumentation and Methods in Astronomy and Astrophysics
- ✓ Stellar and Planetary Astrophysics
- ✓ Astrobiology and Astrochemistry
- ✓ Fundamental Astronomy and Space Physics

**KEY HIGHLIGHTS**

- ✓ Invited talks
- ✓ Oral Presentations
- ✓ Poster presentations

**REGISTER AND SUBMIT YOUR ABSTRACTS AT**  
<http://relax.google.com/new/astroretreat>  
Last date to Register:  
**June 6, 2020 (5PM IST)**

For queries,  
[astroretreat2020@gmail.com](mailto:astroretreat2020@gmail.com)

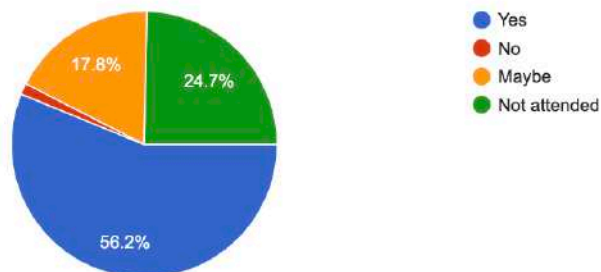
Advertising partner:

## Online Conferences

Have any of the Conferences mentioned above increased your interest in doing more research on topics covered in any of the conference.

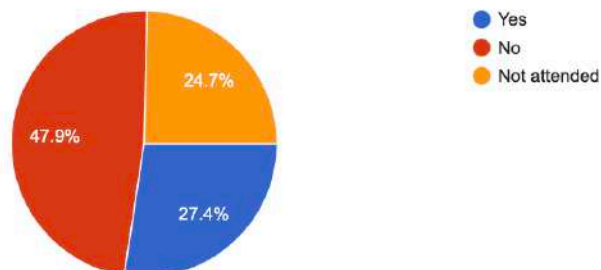


73 responses



Have you made any type collaborations with other attendees/presentees in the conference organized by SciRox-GNDU.

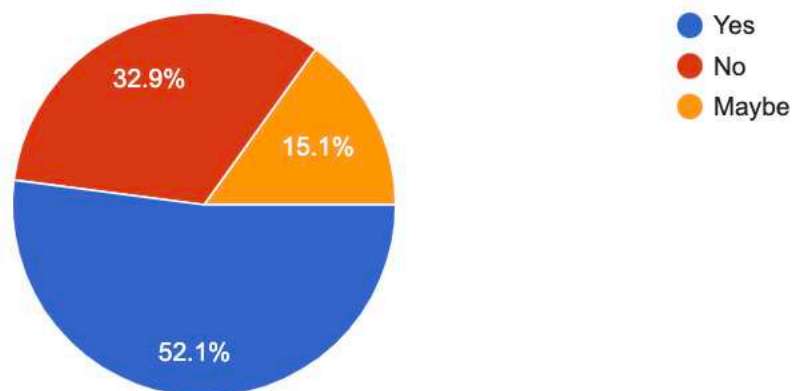
73 responses



## Virtual Internship (Mentor-Mentee Program)

Have you lost your Summer Internship due to COVID-19 Pandemic ?

73 responses



# MENTOR MENTEE PROGRAM



**SciRox**  
Science Club  
Guru Nanak Dev University

A virtual

## MENTOR-MENTEE PROGRAMME

Starting from July 15, 2020

**An opportunity to get mentored by experts from all around the world**

**SUCCESS**

- MOTIVATION
- INSPIRATION
- LEADERSHIP
- TEAMWORK
- INNOVATION
- VISION

Applications begin from : July 3, 2020  
Last date to apply : July 9, 2020  
List of selected mentees : July 14, 2020

To apply,

For any queries , contact  
✉ gnduscirox@gmail.com  
📷 the\_scirox

Our organising Partners:  
 The Chemical Society  
GNDU

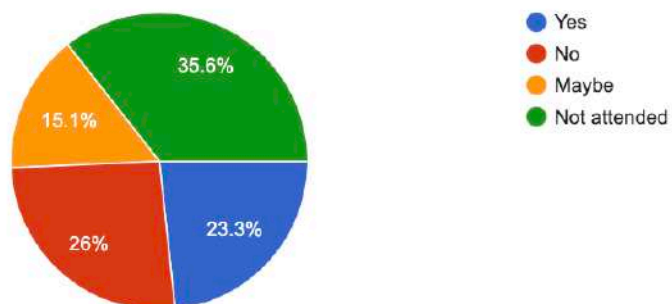
- For under and post graduate students in the fields of basic and applied sciences.
- Mentored by experts working in a specific research areas while staying at their homes during lockdowns.
- Various branches of sciences like science communication, chemistry, physics, biology, mathematics, and computers
- Mentors from IIT, IISER, CSIR, other state and foreign universities.
- For a period of one month, providing them with assignments, virtual lab tours, lectures, and small projects.

# IMPACT



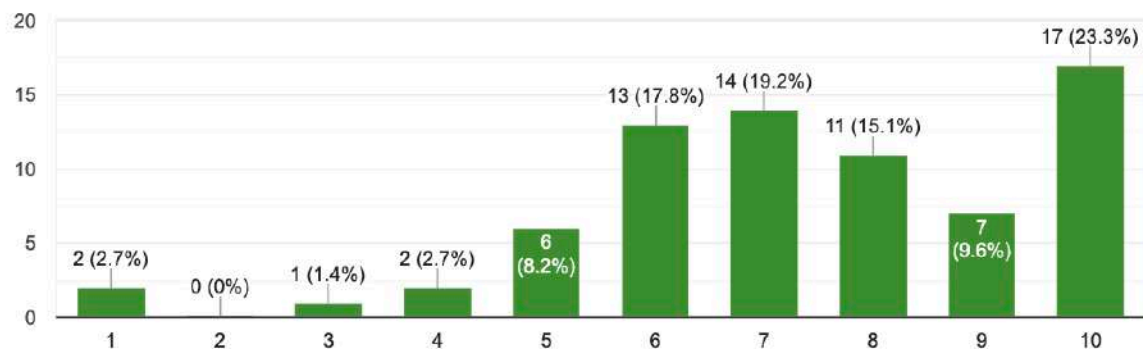
Are you working on the internship project after completion of your Internship period.

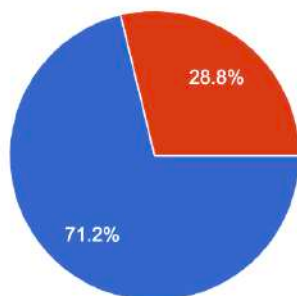
73 responses



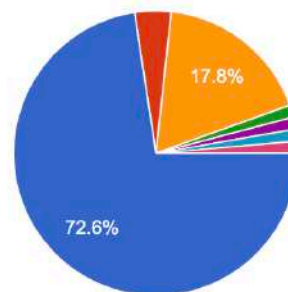
Rate on a scale of 10 your online Internship experience keeping in mind the offline internship.

73 responses

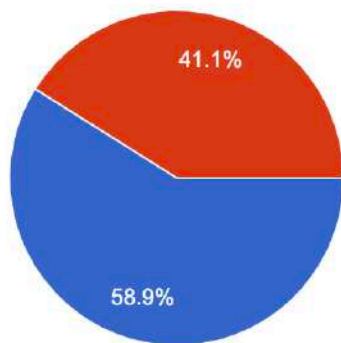




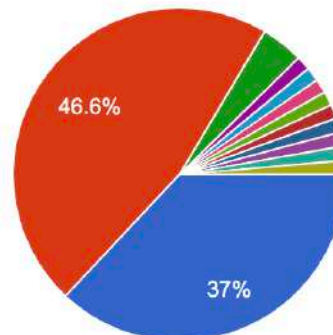
● Urban  
● Rural



● Student  
● PhD Scholar  
● Teacher  
● Post graduate  
● Assistant Professor in Physics  
● Assistant Professor  
● graduate



● Female  
● Male  
● Prefer not to say



● Graduation  
● Post Graduation  
● School Student  
● Ph.D.  
● Research Scholar  
● Ph.D.  
● B.Ed.  
● B. Ed.

# STUDENTS' SPEAK



**GURU NANAK DEV UNIVERSITY**

Chemical Society, GNDU & **SciRox**

**COMBAT COVID-19 CHALLENGE**

**PRELIMINARY RESULTS**

<b>CHAHAT DHAWAN</b> ENTRY NO. 41 D.A.V. Public School, Amritsar	<b>JASMEEN KAUR</b> ENTRY NO. 43 Khalsa College International Public School, Amritsar
<b>NITESH</b> ENTRY NO. 52 Govt. Sen. Sec. School, Gol Bagh, Amritsar	<b>JAGNOOR MANN</b> ENTRY NO. 21 Holy Heart Presidency School, Amritsar
<b>GHUNDEEP KAUR</b> ENTRY NO. 55 Sri Guru Harkrishan Public School, Amritsar	<b>AMAN KUMAR</b> ENTRY NO. 22 Army Public School, Amritsar
<b>SANYA ARORA</b> ENTRY NO. 27 Bhavna's SL Public School, Amritsar	<b>PRIYA SHARMA</b> ENTRY NO. 39 Khalsa College Girls Sen. Sec. School, Amritsar
<b>KARMANDEEP SINGH</b> ENTRY NO. 32 BDS Senior Secondary Public School, Ajnala	<b>UDAY THAKUR</b> ENTRY NO. 19 DAV Public School, Amritsar

Ritu Goyal  
Soft Skills Trainer & Career Consultant

Made with PosterMyWall.com

**JURY MEMBERS**  
 Dr. Gurpartap Khairah  
 Professor  
 Dept. Of English  
 Hindu College, Amritsar

Dr. Bindiya Arora  
 Assistant professor  
 Dept. Of Physics  
 GNDU, Amritsar






**SciRox** and **The Millennium School**  
 presents

**THE STORY OF OUR UNIVERSE**

*From the eyes of 10 year olds*

**12:30 PM IST  
THURSDAY  
JUNE 11, 2020**

**Our little Speakers :**

		
<b>BIBEK</b>	<b>AAHANA</b>	<b>PANACHE</b>
		
<b>INAAYA</b>	<b>ABEER</b>	

To Register: [Click here](#)

For any queries, contact SciRox's Convenors:  
 Dr. Bindiya Arora - bindiya.phy@gndu.ac.in  
 Dr. Venus Singh Mithu - venus.chem@gndu.ac.in

[the\\_scirox](#)  
[gnduscirox@gmail.com](#)

# VIGYAN SAFARI





# VIGYAN SAFARI



# VIGYAN SAFARI





# PROJECT TUNNELING



# TUNNELING



**SERIES OF SCIENCE EXPERIMENTS**



# PROJECT TUNNELING



Gyroscope

**SciRox**  
Science club, GNDU

Under its initiative "Project Tunneling"  
Is organising an online MCQ based quiz on its videos

## TUNNEL-PEDIAS

Link to our tunneling videos: [shorturl.at/zPRXZ](https://shorturl.at/zPRXZ)

...  
**SEPTEMBER 25, 5 PM TO 6 PM**  
**ON KAHOOT (WWW.KAHOOT.IT, ENTER GAME PIN)**  
PIN WILL BE GIVEN TO THE REGISTERED PARTICIPANTS ONLY  
BEFORE THE START OF THE EVENT

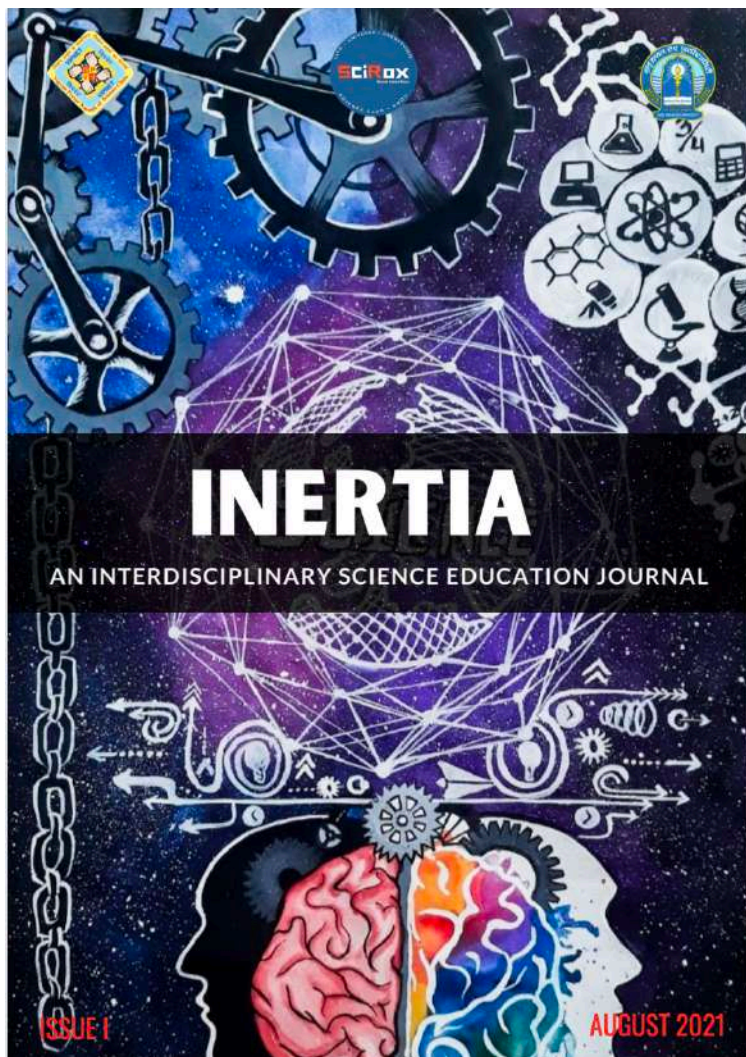
The quiz will be live streamed on YouTube:  
<https://www.youtube.com/c/SciRoxGndu/live>

Get a chance to win:

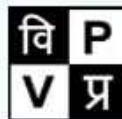
- A free copy of Inertia: A Science Communication Journal.
- Opportunity to feature in our videos.
- e-Certificates for all eligible participants.

REGISTRATION LINK: <https://forms.gle/8Km4bzmdvabJxS3x7>

# INERTIA



# SCIENCE WEEK FESTIVAL



## GURU NANAK DEV UNIVERSITY

(Established by the State Legislature Act No. 21 of 1969)

(Accredited at "A++" grade (highest level as per modified criteria notified on 27.07.2017) by NAAC and Conferred "University with Potential for Excellence" status by UGC)

## VIGYAN SARVATRE PUJYATE

### DEPARTMENT OF PHYSICS SCIENCE WEEK FESTIVAL

**FEBURARY 22 - 28, 2022**

EXPERT LECTURES// BOOK EXHIBITION// SCIENCE COMPETITIONS

#### STATE NODAL AGENCY :

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

#### EVENT CATALYZED & SUPPORTED BY :

*Vigyan Prasar*

*Department of Science and Technology, GoI*

Event Webpage: <https://tinyurl.com/gnduswf2022>

For any queries: [swf.asr2022@gmail.com](mailto:swf.asr2022@gmail.com)

**GURU  
NANAK  
AUDITORIUM**  
GNDU, Amritsar



<https://sites.google.com/view/science-week-festival/home>