

Celebration of day ‘Women in Mathematics’

Seminar on the topic “career opportunities in Mathematics”.

Guru Nanak College, Muktsar Sahib

DBT star college scheme activity 13 May 2022

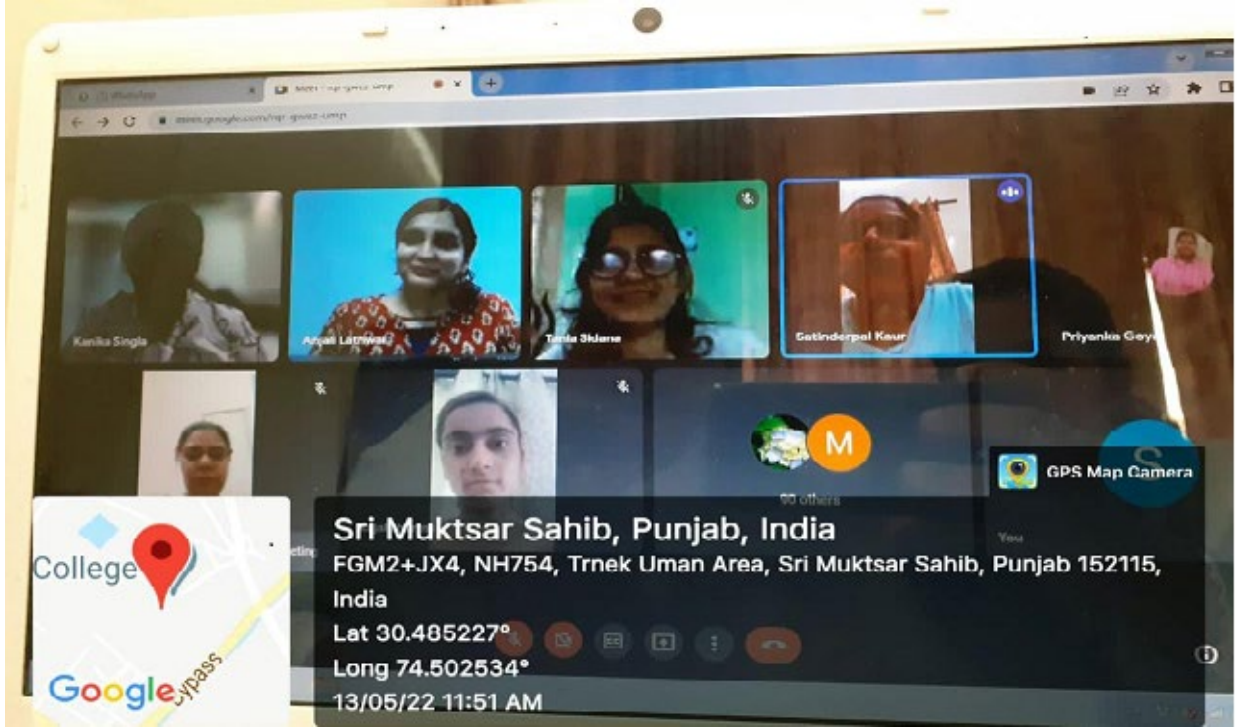
By

Department of Mathematics

Academic Year 2022-2023

Activity	Celebration of day ‘Women in Mathematics’ Seminar on the topic “Career opportunities in Mathematics”.
Date and Year	13May2022
Venue	Online
Objective	To inspire the students about career opportunities in Mathematics
No. of Beneficiaries	Faculty: 7 Students: 141
Sequence of events/Resource person	Day before (Registration for Activity) On the Day (Welcome message by Ms. Satinder Pal Kaur) Introduction by HOD and Resource person Main Lecture Queries from Students Thanks
Brief of Experts	Dr. Anjali Lathwal Computational Biologist Truechip Solutions Ms. Kanika Singla PhD Scholar IISER, Mohali


<p>Summary of the Proceedings</p>	<p>Under the able guidance of Principal Dr. Tajinder Kaur Dhaliwal, PG Department of Mathematics celebrated day as Women in Mathematics on the topic “career opportunities in Mathematics”. The resource person Dr. Anjali lathwal, computational biologist, truechip solution and Kanika singla, PhD scholar, IISER Mohali gave magnetic lecture. This lecture was conducted under the DBT star college grant scheme. Mrs. Satinderpal kaur gave a brief introduction about achievements of the resource person. Our department is thankful our alumini Dr. Tania sidana (post-doctoral fellow IISC, Bangalore) for her contribution in this lecture. Speakers told how mathematics give us career opportunities in the field of software, algorithm design, cryptography, security, pharmaceutical industry, biomedical industry, public health, investment and finance, operation research, management science, actuarial science etc. They told students can take advantage of summer programs and web resource like VSRP by TIFR, HRI conducts summer program in Mathematics, summer school for women in Mathematics and Statistics by TIFR, CMI, IAS many programs. 141 students of the department attended this extension lecture and they feel happy after knowing how Mathematics give us career opportunities in our life. We are very thankful to resource person Dr. Kanika Lathwal, Ms. Kanika Singla and alumini Dr. Tania Sidana and students.</p>
<p>Google link</p>	<p>https://meet.google.com/rqr-gwez-ump</p>
<p>Registration link</p>	<p>https://forms.gle/oTtctzV4k5J1UFiq7</p>
<p>Attendance Link</p>	<p>https://forms.gle/PhtgncvgtkAAmiM8</p>
<p>Youtube Link</p>	<p>https://youtu.be/-BUw2BURZ4s</p>




Mathematics: Summer Programs, & Web Resources

- The Institute of Mathematical Sciences summer camp (3 weeks)
- Visiting Students' Research Programme (VSRP) by TIFR
- Harish-Chandra Research Institute (ICR) in Prayagraj, Uttar Pradesh, conducts the Summer Program in Mathematics (SPM)
- Summer School for Women in Mathematics and Statistics (by TIFR)
- International Centre for Theoretical Sciences (ICTS-TIFR), Bangalore provides ICTS - E. N. Bhargava Memorial Excellence Fellowship Program and ESO. They do have internship.
- CMI - Chennai Mathematical Institute
- National Centre for Mathematics IT Bombay and TIFR, joint Venture
- Mathematics Training and Talents Search Programme (MTTS)
- IAS - Indian Academy of Sciences
- IIS Kolkata: <https://www.iis.ac.in/mathematics/summer/>
- Research in Industrial Projects for Students (RIPS) - UCLA.


Anjali is presenting 🔊




Parampal



Harinderpal



You



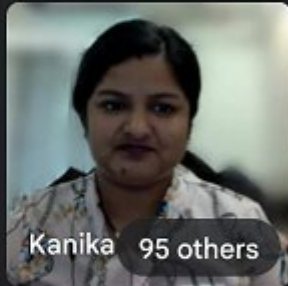
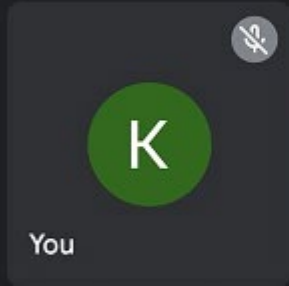
Anjali 92 others

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Meet: ap-geoc-ama

meet.google.com/ap-geoc-ama

Anjali Lathwal is presenting

Organizations, Corporations, and Research Institutions that Hire Mathematicians or Statisticians

- Chennai Mathematical Institute (CMI)
- Tata Institute of Fundamental Research (TIFR)
- Indian Institute of Science Education and Research (IISERs)
- Indian Space Research Organization (ISRO)
- Defence Research and Development Organization (DRDO)
- National Aeronautics Limited (NAL)
- Society for Electronic Transactions and Security (SETS)
- Computer giants such as IBM and Microsoft have research departments which have highly paid scientists who are either mathematicians or theoretical computer scientists.
- In 1983, DAE incorporated the National Board of Higher Mathematics (NBHM) as a promotional agency to co-ordinate various activities for the progress of mathematical culture in the country. [PhDs, Post-Docs Fellowships, Travel Assistance, Short term visits to Institutions, Assistance for conferences, etc.] [More info: <http://www.nbhm.gov.in/>]

Anjali Lathwal

Tania Sidana

Satinderpal Kaur

Priyanka Goy

M

5912 Manveer Maan

5727 Lovepre

GPS Map Camera

92 others

Google

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India
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Long 74.503247°
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