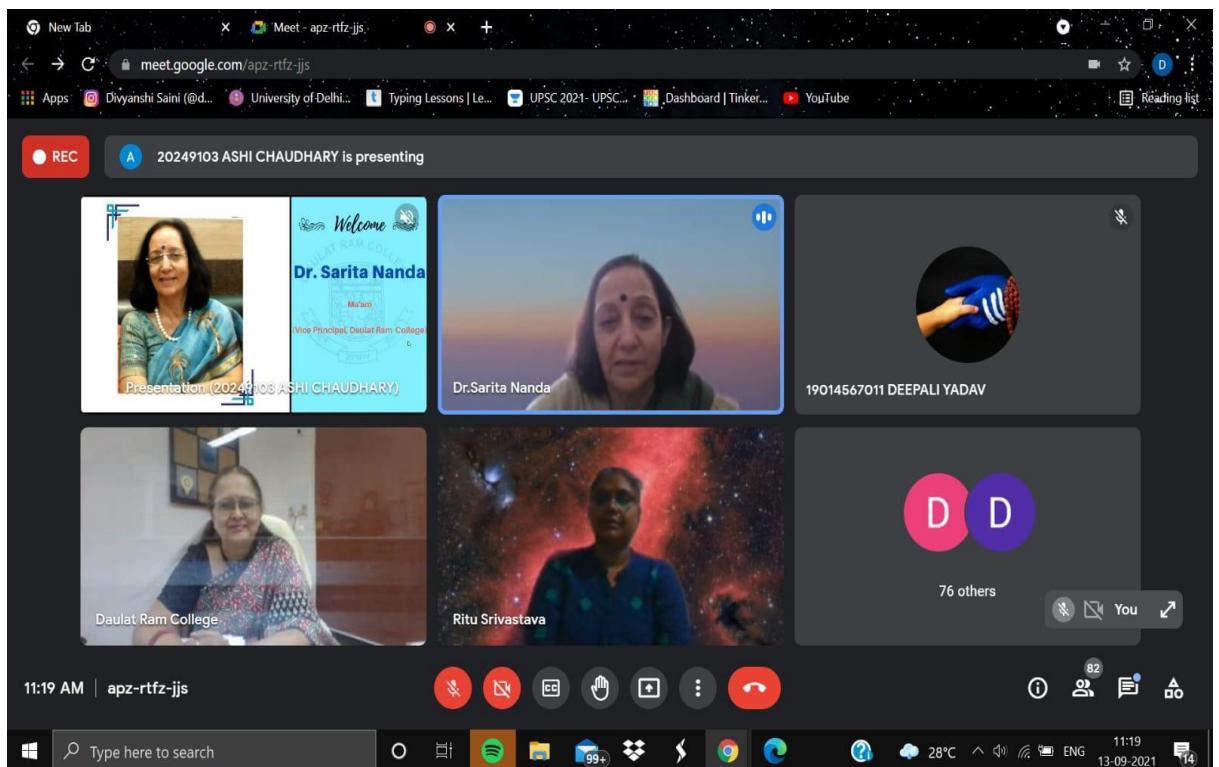
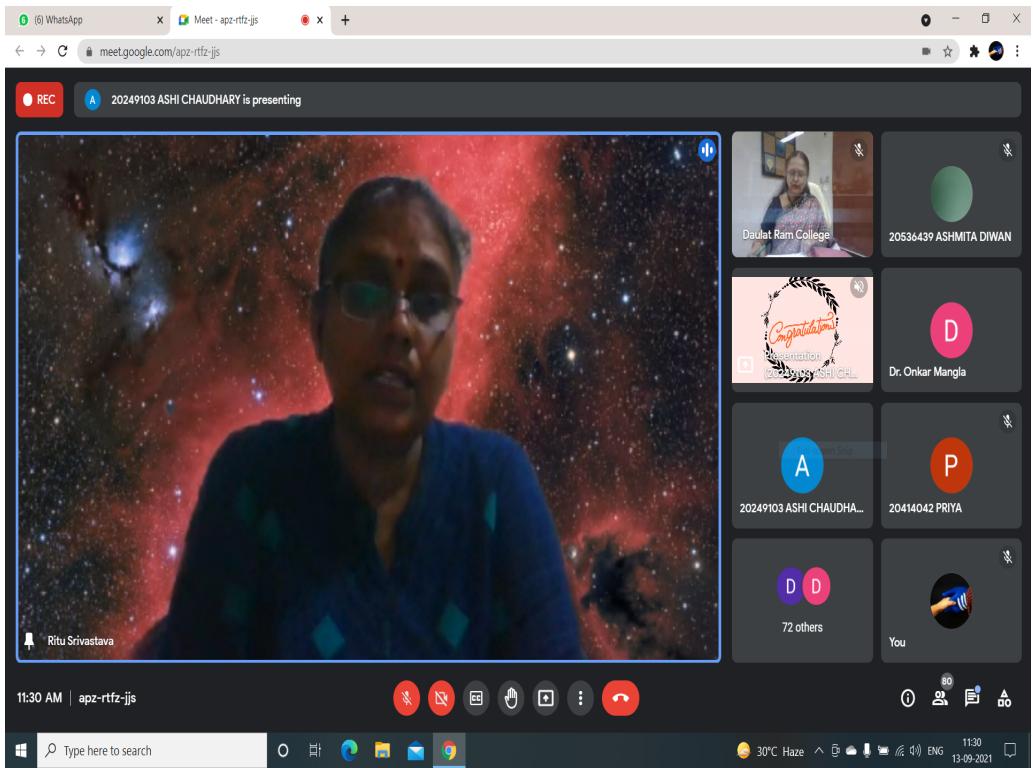


Events

Academic year 2020-21

- Inaugural lecture on “Photonics for energy Conversion and Conservation” was organized on 13th September, 2021. Dr. Ritu Srivastava, Senior Principal Scientist, CSIR-NPL, was the invited speaker.





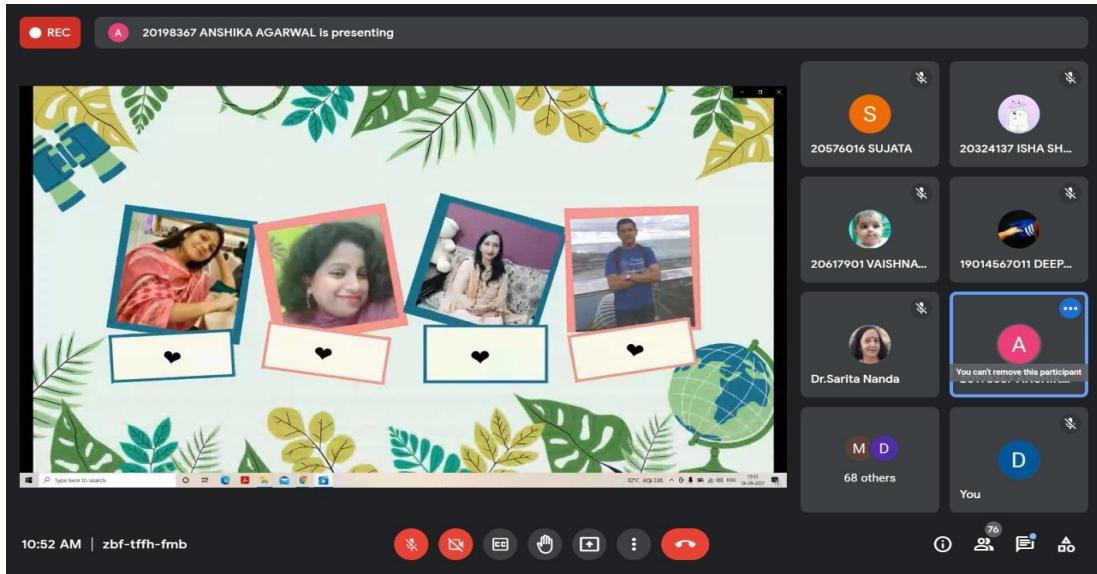
- Physics Department celebrated Teachers' day on 6th September, 2021, with full zeal. All the students made the best of the efforts to showcase their love for their respected teachers.



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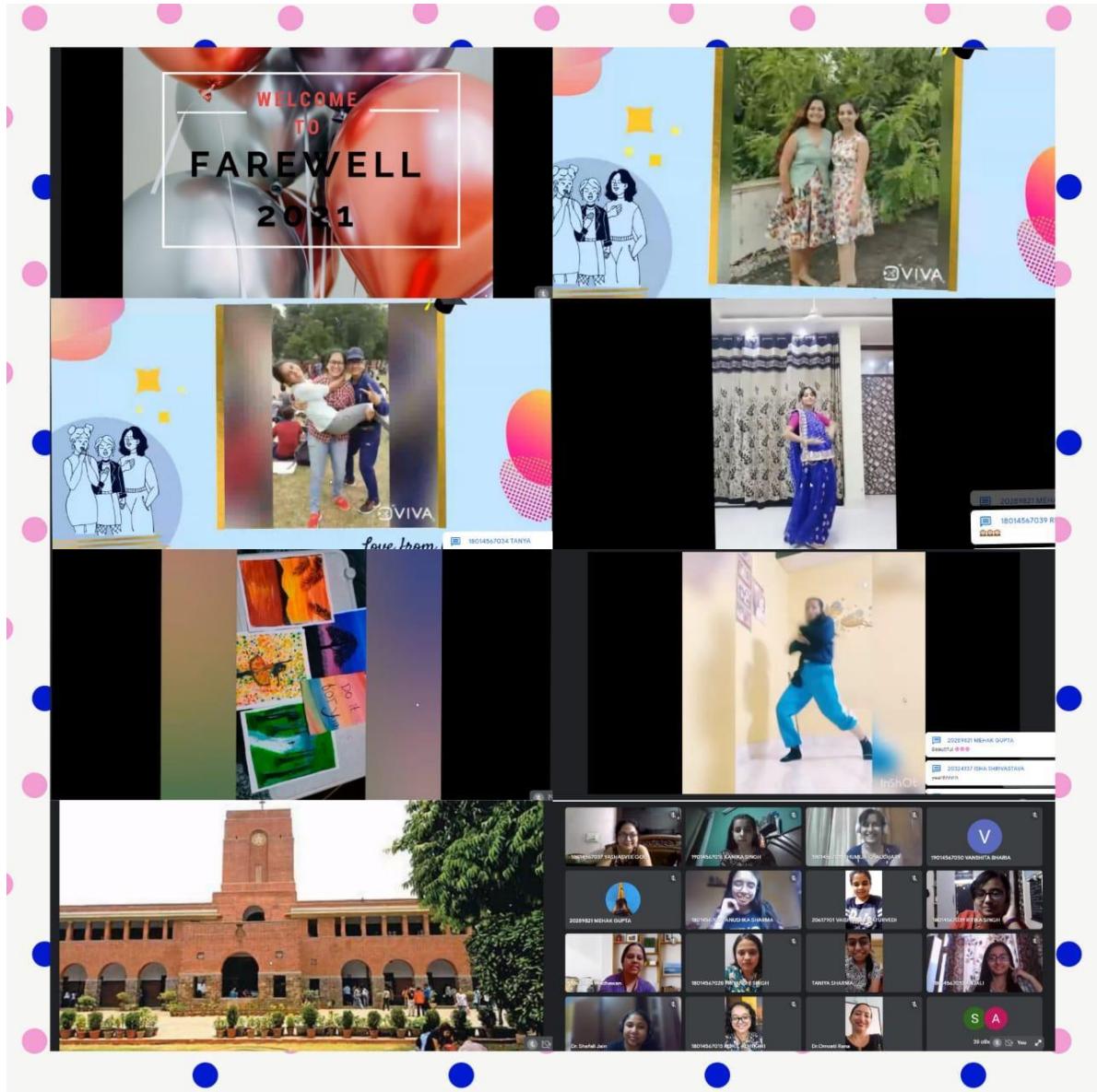
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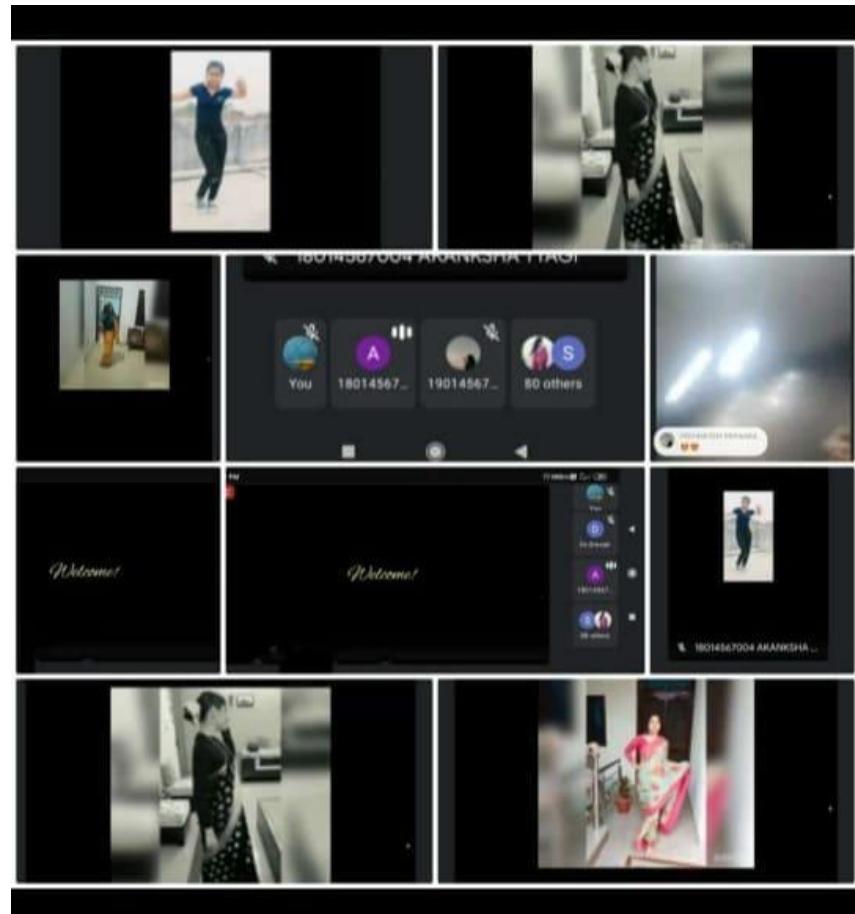
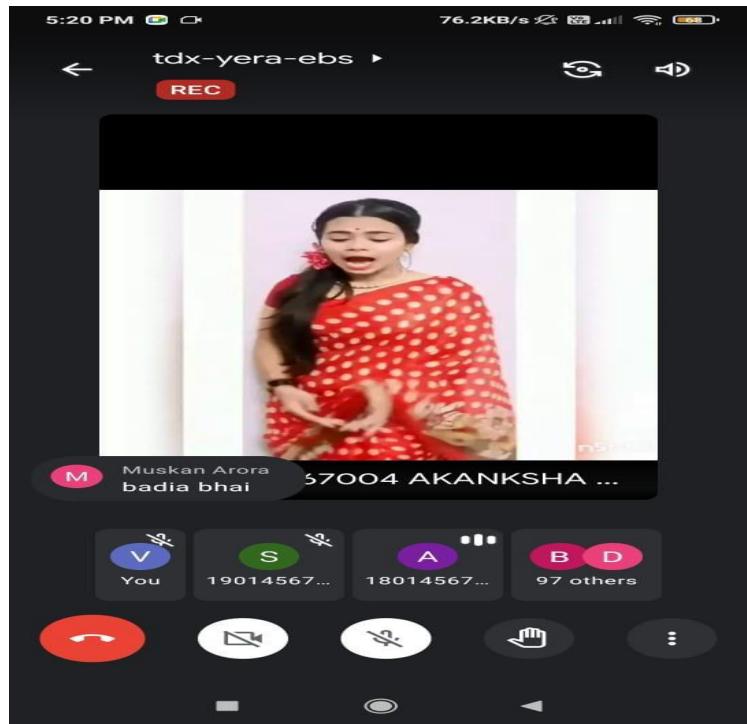


- Farewell 2021 was organized to bid adieu to the 2018-2021 batch of B.Sc Physics(H) , on 26th June, 2021. It was an emotional moment for all of us , the event was very well organized and all the teachers bestowed their best wishes to the passing out batch. .





● Freshers 2020: On 7th January, 2021 the department of Physics organized a Freshers Party to welcome the new academic Batch:2020-23. The Freshers showed their unique talents and the title of Ms. Freshers was earned by Khusi.



Academic year 2019-20

- Inaugural lecture on “Career for Physics students” on 21st August, 2019 in which the various career opportunities emerging in the field of Physics were discussed.
- Freshers 2019 : Fresher’s party on September 6, 2019 to welcome the first year students of B.Sc (H) Physics. The event provided an opportunity to the fresher’s to get acquainted with their seniors by participating in different activities.





- Educational trip to National Physics Laboratory (NPL), New Delhi and to Vigyan Samagam, the Mega Science Exhibition'2020 at National Science Centre (NSC) , New Delhi



- Apart from academics, the students were given a chance to showcase their knowledge and creativity by participating in (1) Physictionary and Quiz Competition and (2) Poster making and Photography Competition (Theme: Famous Scientist and Physics in Nature)



- Physics Department , Daulat Ram College, organized its annual departmental fest, “CELESTE”. It had a huge participation of students from various other universities and colleges and the event was a great success. It was a well organized event with various fun and science based activities . Students participated with full enthusiasm and won various awards and rewards









- For academic session 2019-2020, Coherence, the Physics Association conducted its inaugural lecture on “**Career for Physics students**” on 21st August, 2019. The honourable speaker for the occasion was **Prof. Amitabha Mukherjee** from **Department of Physics and Astrophysics, University of Delhi**. The inaugural ceremony was graced with the presence of Dr. Savita Roy, Principal, Daulat Ram College.





- On 30th September 2019, Department of Physics, COHERENCE, organized an educational trip to National Physics Laboratory (NPL), New Delhi. Around 30 students along with two professors (Dr. Disha and Dr. Shefali Jain) visited the laboratory. The visit was organized on the occasion of foundation day of NPL and on this day NPL hosted the open day for students to cater them with recent research taking place at NPL.

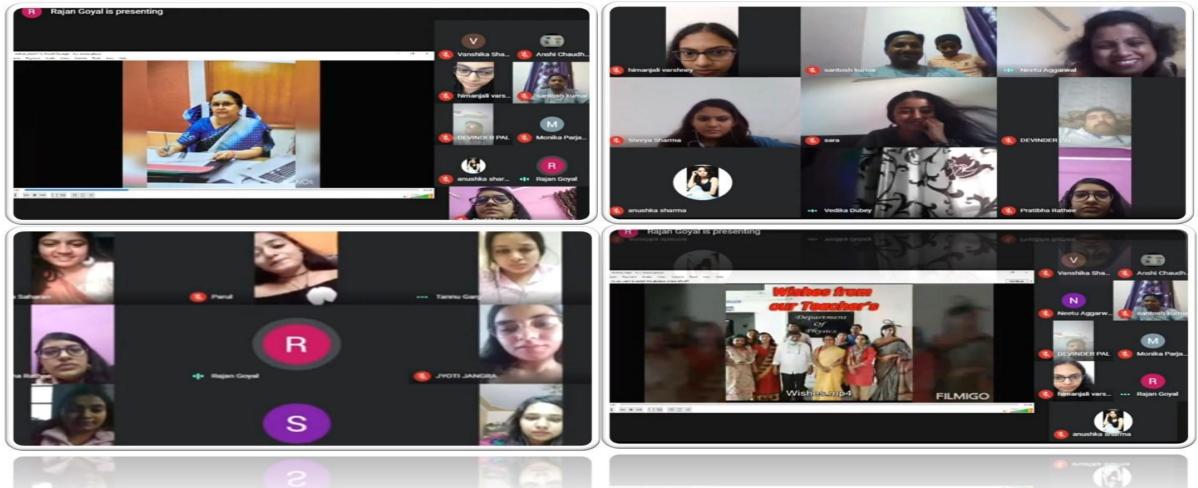


- COHERENCE, the Physics Association organized two more activities (1) Physicstationary and (2) Quiz competition simultaneous on 15th January 2020. The competitions gave a platform for the students to learn and explain physics through a very creative and fun process.



- Poster making and Photography Competition (Theme: Famous Scientist and Physics in Nature)
- Visit to “Vigyan Samagam”, the mega science exhibition at National Science Center
- Webinar titled “Art and Science of Mentoring” was organized by Physics Department on June 1, 2020 under the aegis of Internal Quality Assurance Cell (IQAC). The webinar session was lectured by Dr.Pratibha Jolly (FNASc, FInstP (UK), Academic Consultant NAAC, former Principal, Miranda House, University of Delhi) Around 165 faculty members from various colleges of Delhi University and other Institutes and Engineering Colleges attended the Webinar through online registrations beforehand. The webinar was very well received and appreciated by the audience. The e-Certificates were emailed to all participants.

Our First Batch got passed out in 2020.



In house skill development program (SDP) under IQAC on “Latex and its Applications”

Physics Department organized an in house skill development program (SDP) under IQAC on “**Latex and its Applications**” in the duration 12th -19th July 2019.

This program provided an opportunity to learn LaTex, a typesetting programming language. The students showed active participation and learned how to use this knowledge for producing high quality technical and scientific typeset documents, reports etc. At the end of the week the best report award was awarded to Sunidhi Rajpal (B.Sc. Ist year) and Parul (B.Sc. IIInd year).



Workshop on “Quantum Mechanics and its Application”

Physics Department, Daulat Ram College in collaboration with The National Academy of Sciences India-Delhi Chapter organized a one day workshop on “Quantum Mechanics and its Application” on Sept 24, 2019.

The keynote speakers were:

1. Prof Ajoy K. Ghatak (Meghnad Saha Fellow of National Academy of Sciences. Former a professor of Physics at IIT Delhi)
2. Prof. Patrick Das Gupta
(Department of Physics and Astrophysics, University of Delhi)
3. Prof. Anirban Pathak
(Department of Physics, Jaypee institute of Information Technology, Noida)

The workshop witnessed huge participation of around ~ 200 participants from various sectors of educational institutes such as Amity University (Gurgaon), JIIT (Noida), and various colleges of Delhi University. It started with lamp lighting, saraswati vandana and welcome address by Prof. Savita Roy- Principal, Daulat Ram College.

The workshop was conducted in 4 technical sessions and it mainly focused on the development and the modern applications of the Quantum Mechanics.

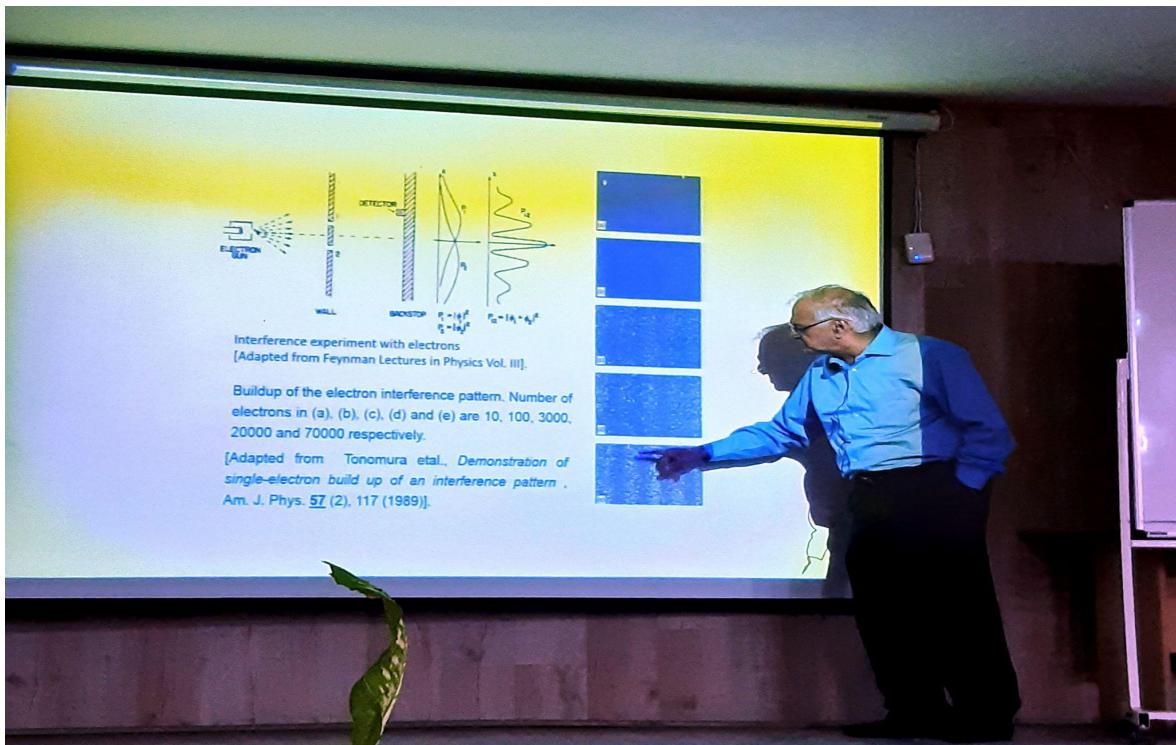
First, **Prof. Ajoy Ghatak** introduced the brief history and vision of National Academy of Sciences (NASI) in front of students to make them aware of the cultivation and promotion of research in scientific & technological fields for societal welfare.

The technical session I and II were taken by **Prof. Ajoy Ghatak** who elaborated on the basics of quantum physics & its applications in various fields like entanglement.

In the technical session III, **Prof. Patrick Dasgupta** introduced the students to the Quantum World of Superfluids and Superconductors.

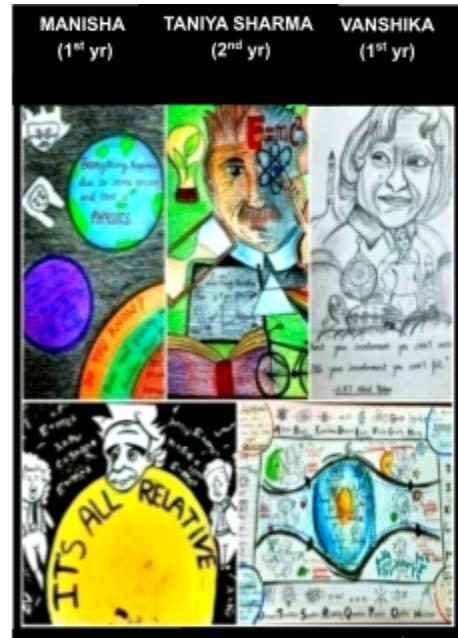
And in Technical session IV, **Prof. Anirban Pathak** talked upon the Modern applications of quantum mechanics including Quantum Computation and Information Processing.

The speakers enlightened the students on the basics as well as topics of current research. At the end, a quiz was conducted on the basis of the workshop and the top ten scorers were awarded with certificates and a book as a prize, appreciating their involvement in the seminar. In total, the workshop was a great learning and motivating experience for all the participants.





- Poster making and Photography Competition (Theme: Famous Scientist and Physics in Nature)



- **Technical Fest of Physics Association: Celeste'20**
- **Celeste is the Annual Fest of Physics Department of Daulat Ram College**