

# PHYSICS ASSOCIATION- COHERENCE

## FOLLOWING EVENTS WERE ORGANIZED IN THE SESSION 2022-2023:

### Elections

To develop leadership qualities in students, elections are held every year for several posts in Department. Students are elected for posts such as –President, Vice President, Treasurer, Secretary, Joint-Secretary, Co-Joint-Secretary. Apart from these students are elected for posts such as Social Media Handler, Graphic Designer and Newsletter Editor etc. They work together to organise various events for students such as farewell, lecture, fest as well as fresher party etc.



**Union members**

### **SCISPY: Scientific Guessing Activity**

Coherence, The Physics Association of DRC has organized “SCISPY - a scientific guessing activity” for the first and second year students of the Physics Department on 7th July, 2022. The event was conducted online along with 30 students. The event for judging the participants' knowledge of guessing scientific phenomena when presented with some basic details photos, clips and videos.

### **VISINDIA: Your vision for India**

To celebrate 75 years of an Independent India, Coherence organized a poster making competition - “VISINDIA: Your vision for India” for the students of the Physics Department of DRC on the 17th August, 2022. The participants celebrated “Azadi ka Amrit Mahotsav” by displaying their creative ability and making posters for their unique vision for the future of the nation. 20 students participated in the competition.

**INAUGURAL LECTURE: “Surprises from the sky”** After association formation, the academic session started by an inaugural lecture on “Surprises from the sky” by eminent speaker Prof. T.R. Seshadri Sir (Department of Physics and Astrophysics, DU) on 9 September, 2022. The lecture commenced in presence of Vice Principal Prof. Sarita Nanda, IQAC convener Prof. Rajni Sahni, all Physics faculty members and students. Prof. T.R. Seshadri Sir introduced many topics like the strange behavior of the orbit of Uranus, the velocity flow of distant galaxies, the story of delta Cephei and similar stars in his lecture on “Surprises from the sky”. There were almost more than 100 students who attended the lecture in the conference hall. Their curiosity was seen during the question and answer session. It was a very interesting and informative lecture for all attendees. At the end, last year (2021-2022) awardees were felicitated for their annual contribution in union and participation in various activities held by the Physics Department.





## VISIT To CSIR-NPL

The Physics Department of DRC organized the two visits to the CSIR-National Physical Laboratory(NPL) Pusa road, Delhi. NPL celebrated its Foundation day ( around 50 students and 4 teachers) on 4th January 2023 and International year of Millets (around 40 students and 2 teachers) on 30th January, 2023, participants attended lectures and visited various labs. NPL is a national standards laboratory of India that maintains the standards of SI units in India and calibrates the national standards of weight, frequency, time and measurements. The students were given a tour of the campus of NPL, where they visited the machinery lab, solar lab, Carbon labs and OLED lab. Students learned about polymeric materials, carbon materials and luminescent materials and their applications. These visits help students in developing research aptitude.



## FRESHER'S Meet Celebration

The Physics Association has organized a Fresher's Meet on 3rd February, 2023. It is the day seniors get to know their juniors and come together to celebrate being part of the college. The theme of Fresher's Meet-2023 was "Bollywood". Freshers were dressed as Bollywood characters and introduced themselves through their rocking ramp walk (Round-I), freshers showed their talents as dancing, singing etc (Round-II) and general question/answer were asked for selected freshers (Round-III) and selected freshers get titled as below. To welcome freshers various performances such as group dances, songs and play on Guitar done by seniors were brought to a memorable event.





### Vocal Voyagers : The Speech Competition

To celebrate the nobel prize winning discovery of Prof. C.V. Raman Birthday COHERENCE , The Physics Association organized The Speech Competition on 28 February 2023 through online mode. It was conducted only for B. Sc, Physics(H) students and was online compettiton. Students participated with great zeal.

### Arunodaya IAS Seminar

COHERENCE, The Physics Association, Daulat Ram college, organized a seminar on the topic “How to crack UPSC and how to live a better life” in collaboration with Arunodaya IAS Academy. The Eminent speakers of the seminar were Mr. Surendra Bhagat IPS (Batch 1988) former DG RPF, Dr. Vivek Dixit Senior scientist Department of Orthopaedic, AIIMS New Delhi and Mr. Harendra Pandey head of management and faculty Arunodaya IAS Academy. The event was also graced by Prof. Savita Roy, Principal, Daulat Ram College and Prof. Sarita Nanda, Vice principal, Daulat Ram College by their presence. More than 100 students has attended the seminar.



### Farewell

Coherence, the Physics Association of Daulat Ram College arranged a farewell party for batch 2023 students. It was a hearty event, filled with joy and enthusiasm. The party was set to be of masquerade theme and seniors were dressed in saree and masks. The event came to an end with a dance party on DJ. The setting sun outside was a reminder of the end it was, but rays of hardships throughout the college life were worth the warmth of soothing view at last. It was indeed a beautiful end to a priceless journey but as they say, this life we spent during these 3 years shall live long in our heart and mind in the form of memories.





## **CELESTE'23 - The Annual Departmental Fest**

CELESTE is the annual fest of the Physics Association of Daulat Ram College. Celeste'23 held on 6th April, 2023 in the Conference hall gives an opportunity to students to present the spirit of the young mind in dynamic events. Celeste provides a fun and practical experience which will help the participants enhance their knowledge, creativity and sharpen their skills. The fest begins at 8:30 am in the presence of all the faculty members, students and participants along with classical dance and music. There were various events organized by the physics association. The first event was Logic Arrow, The Debate Competition on the topic "Privatisation of Education will hinder the Development of the Nation" in which huge participation was shown. Next was Dashing Dumb, The Dumb Charades Competition. After that Avinya, a Startup innovation run and Addam's Almanac, the Quiz Competition on the web series on Wednesday was conducted side by side. The most entertaining and artistic participants were presented in Cercami, The Talent Hunt Show. At the last Mayhem Driven, The Treasure Hunt started and everyone was so thrilled. Fotografia, the online photography competition held on 4th april on the theme "Evolution of Time". In the end respected Principal maam, Dr. Savita Roy, addressed the audience with her inspirational words and felicitated the winners.

