

Physics 2021-2022

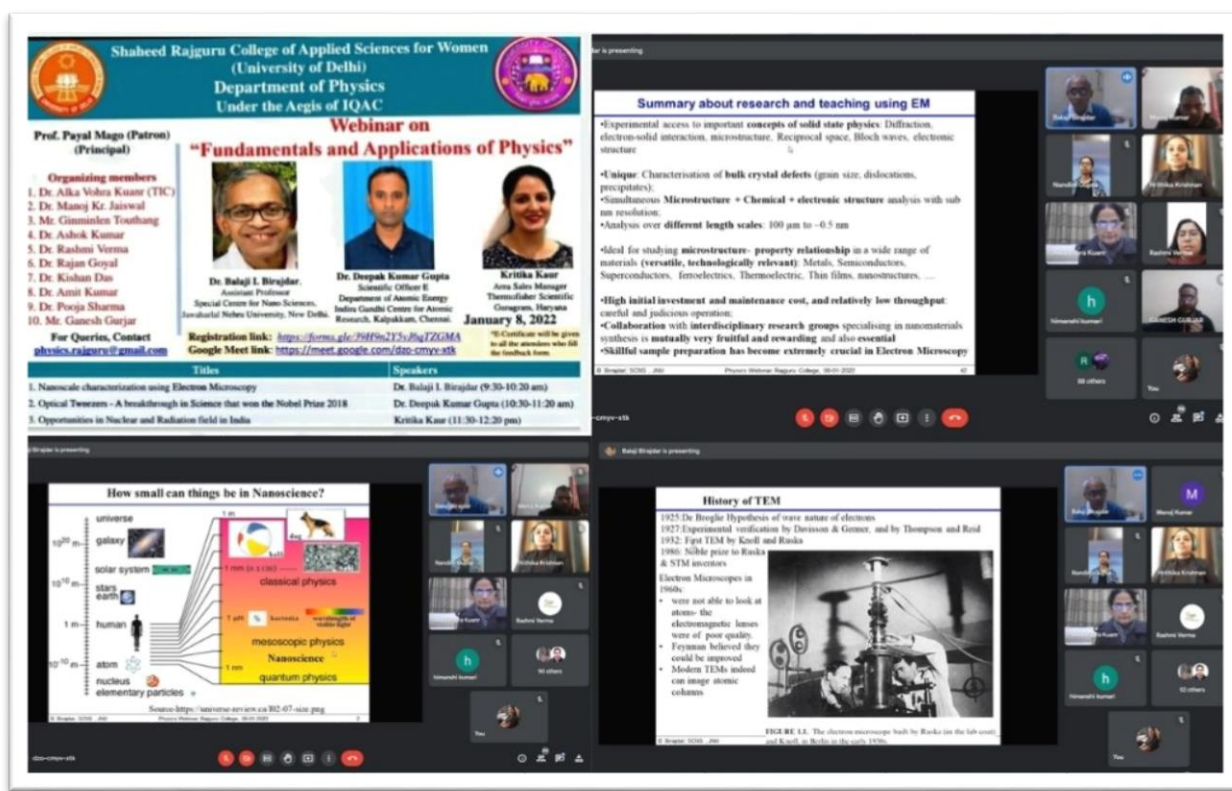
S.No.	Name of the Activity	Page No.
1.	Webinar series on “Fundamentals and Applications of Physics”	2
2.	Webinar on “Be the champion !!! 3 untold secrets of success!”	4
3.	Mirum Physicae: An Informative series through Instagram	4
4.	Technical Fest: TRAP-22	5
5.	Trip to Lohagarh Farms	7
6.	Social Initiative: E-waste Society Events	7



1. Webinar series on “Fundamentals and Applications of Physics”

Webinar series on "Fundamentals and Applications of Physics" was conducted by the Department of Physics, in which the following 4 lectures were held

Lecture 1: The first webinar was delivered by the speaker Dr. Balaji I. Birajdar (Assistant Professor Special Center for Nano Sciences, Jawaharlal Nehru University, New Delhi) and he spoke about “**Nanoscale characterization using Electron Microscopy**”. The webinar was held on January 8, 2022.



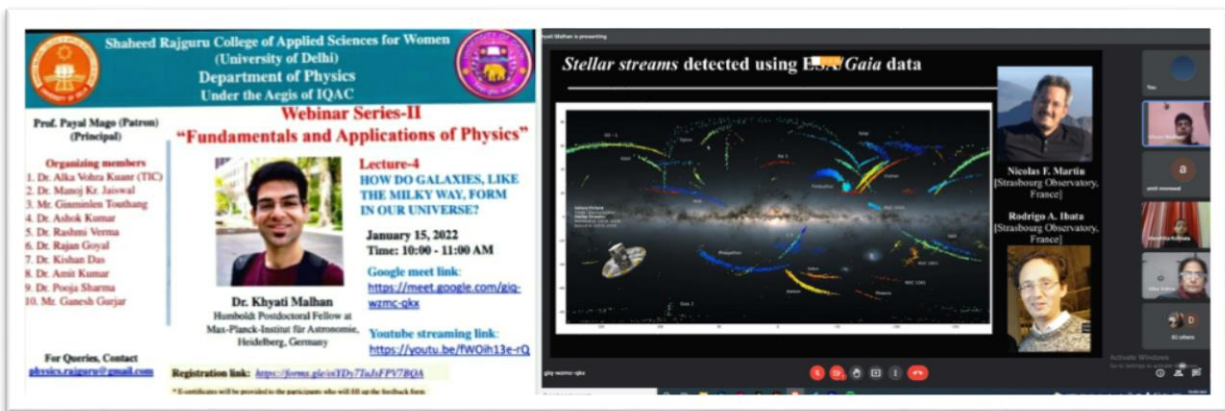
Lecture 2: The second webinar was addressed by the speaker was Dr. Deepak Kumar Gupta (Scientific Officer E Department of Atomic Energy, Indira Gandhi Center for Atomic Research, Kalpakkam, Chennai) and he spoke about “**Optical Tweezers - A breakthrough in Science that won the Nobel Prize 2018**”. The webinar was held on January 8, 2022.



Lecture 3: The third webinar was addressed by the speaker Ms. Kritika Kaur (Area Sales Manager Thermo Fisher Scientific, Gurugram, Haryana) and she spoke about **“Opportunities in the Nuclear and Radiation field in India”**. The webinar was held on January 8, 2022.

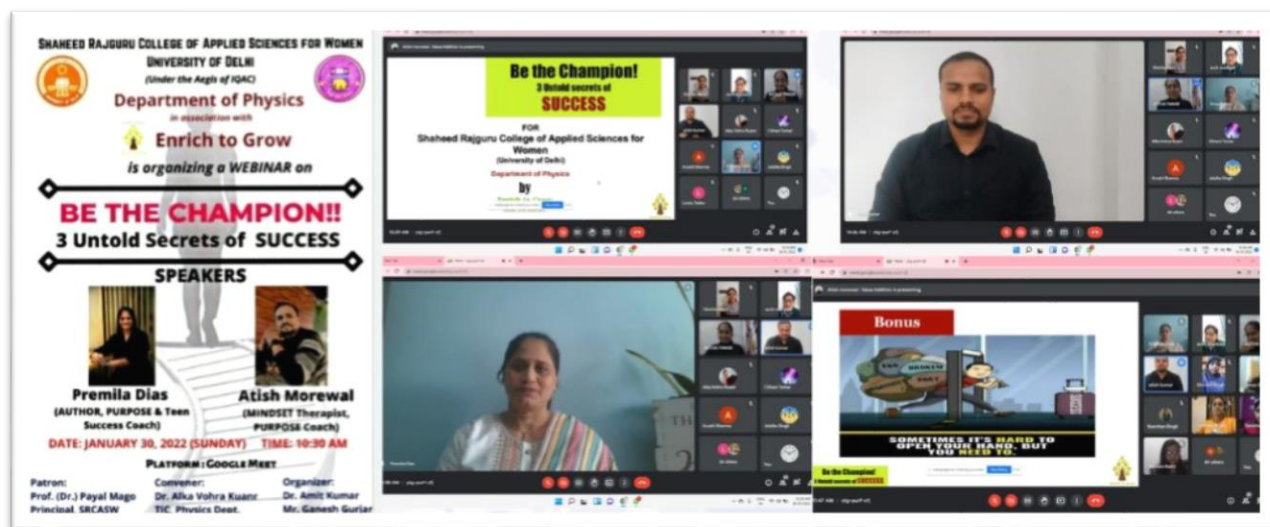


Lecture 4: The fourth webinar in the series was on the topic **“HOW DO GALAXIES, LIKE THE MILKY WAY, FORM IN OUR UNIVERSE?”** It was held on January 15, 2022, at Google Meet. The Speaker was Dr. Khyati Malhan (Humboldt Postdoctoral Fellow at Max-Planck-Institut für Astronomie, Heidelberg).



2. Webinar: “Be the champion !!! 3 untold secrets of success!”

An interactive talk on “Be the champion !!! 3 untold secrets of success!” conducted by the Department of Physics in association with Enrich to Grow, was on the note of motivation for students. The speakers for this webinar were Ms. Premila Dias (Author, Purpose, and teen success coach), Mr. Atish Morewal (MINDSET Therapist, Purpose Coach). It was held on January 30, 2022.



3. Mirum Physicae: An Informative series through Instagram

Tachyons, the student society of the Physics Department introduced an informative series, titled “**Mirum Physicae**” which is a Latin word for astonishing Physics. As the name suggests itself, this series was meant to spread astonishing and some unbelievable facts on various topics in physics, with immensely delightful graphics to make the concepts behind it much more realistic. There were 12 chapters in this series. Information was provided through the official Instagram handle of the Physics Department - "**physicists_srcasw**".



4. Technical Fest: TRAP-22

The Department of Physics organized its technical fest TRAP on 27th-28th January, 2022 with the coalition of the Department of chemistry, Department of Mathematics, and Department of statistics. A total of three events were conducted altogether, one of which was a combined event with the other three departments.

Events on: 27th January 2022

1. Webinar by Dr. Anupma Harshal W. on the topics: An in-depth presentation on "How to read scientific literature?", an introduction to project "MANAV" followed by a test .
2. Astrosnap Competition- It was an Astrophysics related photography competition .
3. LA QUÊTE ~(THE QUEST) -It was an interactive physics-based quiz conducted in 3 rounds
 ROUND 1: Bazingaa (General Science Quiz)
 ROUND 2: The Illuminati (Guess the Physics Phenomena from movie scenes).
 ROUND 3: What's Wrong (Spot the Error)

Events on: 28th January 2022

1. Webinar by Mr. Jitin Chawla on the topic: "Emerging opportunities after undergraduate studies" .

2. Reflex Relay- It was the combined event of the fest conducted in three rounds:

DE-CODE

QUICK SNAP

INSTA-MAZE

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN
(UNIVERSITY OF DELHI)
Accredited by NAAC with 'A+' Grade

TRAP'21-22

DEPARTMENT OF PHYSICS
presents
"ASTROSNAP"

THEME: ASTROPHYSICS IN PHOTOGRAPHY

Last date to register and submit entries: 26 Jan 2022 11:59 PM	Attractive cash prizes to be won!! e-certificates for all the winners.
--	---

Registration link: <https://forms.gle/VyicNY6G7gomyW>

For queries, contact:
Preksha: 9993853509
Shivam: 8535059425

Shaheed Rajguru College of Applied Sciences for Women
(University of Delhi)
Accredited by NAAC with 'A+' grade
Department of Chemistry, Mathematics, Physics and Statistics
under the aegis of IQAC

TRAP'22

presents
an informative talk on
Emerging opportunities after undergraduate studies

Jitin Chawla
Founder and Director, Centre for Career Development

Date : January 28 , 2022
Time : 10:00 am onwards
Platform : Google meet
Registration link : <https://forms.gle/eTV9qyBKyCgRavu9>

Last date to register : **January 26, 2022**

For further queries, contact:
Preksha Shrivastava : 9993853509
Shivam Mahajan : 8285068995

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN
(UNIVERSITY OF DELHI)
Accredited by NAAC with 'A+' Grade

TRAP'21-22

DEPARTMENT OF PHYSICS
presents
La Quête
(The Quest)

ROUND 1: Bazingaa (General Science Quiz)
ROUND 2: The Illuminati (Guess the Physics Phenomena from movie scenes)
ROUND 3: What's Wrong? (Spot the Errors)

REGISTRATION FORM Last date to register 26th Jan, 2022 11:59 pm	EVENT DETAILS Date: 27th January, 2022 Time: 11:30 AM onwards
--	---

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN
(UNIVERSITY OF DELHI)
ACCREDITED BY NAAC WITH 'A+' GRADE

TRAP'21-22

PRESENTS
REFLEX RELAY

ROUND 1: DE-CODE
ROUND 2: QUICK SNAP
ROUND 3: INSTA-MAZE

**28 JANUARY 2022
3 PM ONWARDS**

LAST DATE FOR REGISTRATION
26 JANUARY 2022

EXCITING CASH PRIZES WORTH 4K!!
E-CERTIFICATES FOR TOP 10 PARTICIPANTS.

Media Partners

For queries, contact:
Chhavi Tomar - 7417272434
Deepanshi Sharma - 7408508004
Monica Mona - 8076575601
Mahak Mahajan - 8285068995

@physicists_srcaw @ramanaryamath @alchemy_srcaw @parastika_srcaw

5. Trip to Lohagarh Farms

One day trip to Lohagarh farms was organized for the students and teachers on 28th March, 2022. Total 34 students along with 2 teachers (Dr. Kishan Das and Dr.Pooja Sharma) visited lohagarh farms. Students encountered with many adventures activities, magic shows, haunted house, beautiful village type equipments , camel rides ,swings etc.



6. Social Initiative: E-waste Society Events

- ❖ **Survey Analysis** which began from 11 September 2021 to 24 September 2021 was organised by the E-Waste society (Department of physics). Topic covered under analysis was Public Awareness regarding E-Waste hazards and management strategies. The target

audience includes students of this college, from other colleges, faculty of all colleges, students from other institutes external staff.

- ❖ **International E-waste Day 2021** was organised by the E-Waste society from 8 October 2021- 9 October 2021. The competitions were held for 7 days, which began on 2 October 2021 to 9 October 2021. The topic includes poster making competitions and quiz competitions.
- ❖ **E-Waste collection drives 2021 and 2022** were organised by the E-Waste society (Department of physics) from 22 November 2021-28 November 2021 and from 27 October 2022- 02 November 2022. Theme of the drive was to recycle E-Waste which will be received in this drive.

