

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH**



COURAGE TO KNOW

**Department of Physics: Galaxy Society
(Session: 2019-20)**

INDEX

S. No.	Activity	Date	Page No
1.	Essay writing competition on Research Ideas on COVID-19 Pandemic	26 th April, 2020	1
2.	A Webinar "The Role of Physics in Global Response to Covid-19"	25 th May, 2020	2
3	Power Point Presentation Contest Theme: The Role of Physics In Global Response To Covid-19	25 th May, 2020	3
4	Counselling Class for M.Sc. I Physics	30 th May, 2020	4
5	Video presentation during lockdown.	31 st May, 2020	5
6	National seminar theme: Science and Technology	14 th June, 2020	6

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Sector 11, Chandigarh

Essay Writing Competition on Research Ideas on COVID-19 Pandemic

Under the able guidance and dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, the Department of Physics organized an essay writing competition on Research Ideas on COVID-19 Pandemic on **26th April, 2020**. The students presented their research ideas (70) in the latest fields of technology, medicine and health. This activity gave students insight about the latest technology in the field of medicine and health. Approximately 50 students from B.Sc. (N.M. and C.S) participated in this event. Teachers of the physics department motivate and encourage the students during COVID 19 times. This competition was good learning experience for students.

A webinar - “The Role of Physics in Global Response to Covid-19”

Under the able guidance and dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, one day webinar was organized by the Department of Physics, PGGCG, Sector 11, Chandigarh on **25th May, 2020**. The speaker Prof. Sunita Srivastava, from Guru Jambheshwar University of Science and Technology, Hissar delivered a talk on Role of Physics in global response to COVID-19. Prof. S. Srivastava has made many contributions in the areas of soft matter physics, two dimensional materials and nanoscience. In her talk she discussed the role of Physics in understanding, analysing and providing solutions to the COVID-19 disease human beings have ever confronted. She explained how physics covers literally everything which includes how a disease is transmitted. Approximately 100 students attended the event.



Online webinar



Online Presentation by speaker

Power Point Presentation Contest Theme: “The Role of Physics in Global Response to Covid-19”

In the webinar organized by the Department of Physics on 25th May, 2020, Undergraduate and M.Sc. Physics students gave presentations on various topics such as Robot detector, Artificial Intelligence, Internet of Medical things and Cyber world and data security. This kind of activity makes students well versed with the current situation and how to deal with it positively. Approximately 100 students attended the event.



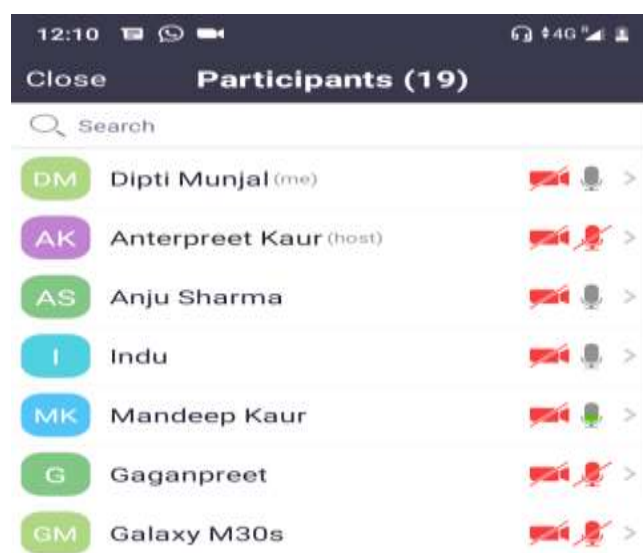
Screenshot of student presentation



Screenshot of student presentations

Counselling class for M.Sc. I Physics

Due to pandemic crises, a sudden lockdown was announced by our government. This situation was not being handled by anyone in the past and also students were not physically connected with their teachers, classmates, and key support systems. This situation imposed increased mental health problems and lack of motivation among the students. So, under the able guidance of Principal Mam, Physics Department has organized a counselling session for Post Graduate students on **30th May 2020**. Students (55) discussed their problems and issues they are facing during online classes. Teachers motivate and encourage them to cope up with this adverse situation. This session was very much beneficial for students.



Screenshot of online participants

Video presentation during lockdown.

Under the able guidance and dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, video show was organized by the Department of Physics, PGGCG, Sector 11, Chandigarh on **31st May, 2020** Undergraduate students of the Physics department, PGGCG-11 prepared a video to show how they utilized their time during lockdown. In this, students shared their experience of lockdown and also showed their skills. Students showed singing, painting, gardening, meditation, exercise, dance and many more activities. This also motivated other students to deal with this situation and utilize their time in some productive things. Approximately 100 students attended the event.



Student performing Yoga activity



Poster Making activity by student

National Seminar theme: Science and Technology

Physics department of PGGCG-11 organized a national seminar on ‘Science and technology for human welfare and its effects on conservation’ on **14th June 2020** via Google Meet. Around 80 participants attended the session. Dr. Mukesh Jewariya, Senior Scientist of Department: Physics of Energy Harvesting, in CSIR National Physical Laboratory, New Delhi delivered a talk on “An introduction to Laser”. He presented the key concept of the laser, which is very beneficial for the students. This session provides a good platform to students as they are aware of the use of lasers in different fields such as in medical, in communications, in science and technology, in military etc.



Speaker Presenting Online



Presentation shared by the Speaker