

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



COURAGE TO KNOW

**Name of the Department- Chemistry
(Session: 2021-22)**

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Principal
Post. Graduate Govt. College for Girls
Sector 11, Chandigarh

World Health Environment Day

Under the able guidance of Prof. (Dr.) Anita Kaushal, Principal, Post Graduate Government College for Girls, Sector - 11, Chandigarh, the Department of Chemistry under the aegis of Jigyasa, (The Science Society Organised World Health Environment Day on **26th September, 2021**). The undergraduate and post graduate students of PGGCG-11 and other colleges enthusiastically participated in the celebration. The aim of the celebration is to create awareness among the students about environmental health. The day is important in the current situation as most parts of the world continue to recover from the ongoing coronavirus pandemic situation. In such times, the importance of the Environmental Health workforce has been highlighted more than ever before. The various activities such as power point presentations, and just a minute video making contest conducted on this occasion on the theme “Ancient Herbal and Colour Chemistry and Green Chemistry /Green waste management. Around 40 students of M.Sc. I and II participated in this event.

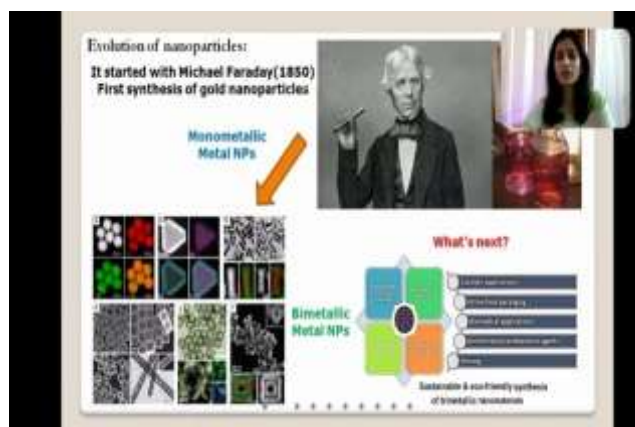


Presentation by Students

Talk by Alumna

Under the dynamic leadership of Prof (Dr.) Anita Kaushal, Department of Chemistry PGGCG-11 Chandigarh, and Jigyasa, (The Science Society) a talk was conducted by Dr. Parul Loura on the career opportunities in Chemistry after MSc., on **14th January, 2022** through online mode for post graduate students.

Dr. Parul Loura is a PhD Scholar at IISc Bangalore, with her research area in Nanomaterials. She has secured AIR- 9 in CSIR JRF NET in June 2020, followed by SPM Fellowship in 2021. She has also secured AIR-69 in GATE in August 2021. She has been proud Alumna of Post Graduate Government College for Girls, Sector-11 Chandigarh. She pursued her MSc. Chemistry from PGGCG-11 in 2016-2018 Session. Around 40 students of M.Sc. I and II participated in this event.



Talk in Progress

Science Day Celebration

Science and Technology Fest was organized by Jigyasa (The Science Society) PGGCG-11, Chandigarh to celebrate International Women's Day on **08th March, 2022**. The chief guest of the function was Dr. Anita Kaushal, Principal PGGCG-11 and also the president of the society. Also present on the occasion were Dean, Dr. Monika Vij, Vice Principal of the college and the senior faculty members of the College.

This was followed by a lecture on the topic "Women In Stem (Science, Technology, Engineering & Mathematics)" by Dr. Sugandha Maheshwary, INSPIRE Faculty, Department of Mathematical Sciences, IISER, Mohali. In her talk she motivated young girls to pursue their education in science, technology, engineering and mathematics (STEM). She said that as a faculty in mathematical sciences in IISER, Mohali, Girls have bright chances and opportunities for their careers and longer term professional advancement. Around 100 students participated in the above event.

Events:

1. Poster making competition on the climate change
2. Logo designing competition on the renewable energy
3. Rangoli making competition on the me space travel & exploration



Dr. Sugandha Maheshwary delivering the lecture

Open House Discussion (Women's Day Celebration)

The objective of this day **09th March 2022** is to create a better gender-neutral society by generating discourse. Later the students of B.Sc. II & M.Sc II started their open house discussion. They discussed in detail about women empowerment, women in stem, breaking the bias and women in science . Around 50 students participated in the above event.



View of Audience

Science Tutorial Meet

Under the able guidance of Prof. (Dr.) Anita Kaushal, Principal, Post Graduate Government College for Girls, Sector - 11, Chandigarh, the Department of Chemistry under the aegis of Jigyasa, (The Science Society), organised A science tutorial meet was held on Saturday, **2nd April, 2022** as an interactive session on “Concepts of Physical Chemistry” by Dr. Neelam Seedher in the auditorium PGGCG-11, Chandigarh at 12.20 pm. Around 20 teachers from different Science departments and 100 science students (UG) were present in the interactive session.

Dr. Neelam Seedher, retired professor from Department of chemistry, Panjab University Chandigarh has enriched teaching experience of 35 years along with 43 years of research experience with her expertise in Physical Chemistry. She had been awarded with Prof. M L Khorana memorial prize (Best paper award) for years 2001 and 2006 by Indian Pharmaceutical Association. She was principal investigator for various PhD and master’s projects and has published 63 research papers in National and International Journals of repute

Dr. Neelam Seedher talked about basic concepts of Physical Chemistry (theoretical as well as practical) which included topics like Error analysis, difference between accuracy and precision, primary and secondary standard solutions, meaning of development of potential at an electrode, how to assign polarity to an electrode etc. The lecture was very interesting and surely the information shared during the lecture will be beneficial for the students in the near future.



Function in progress