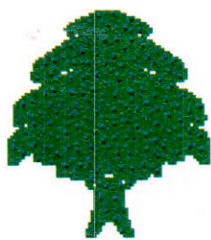


POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH



COURAGE TO KNOW

Science Society
(Session: 2018-19)

INDEX

Sr. No.	Activity	Date	Page No.
1.	Orientation Programme	26 th July, 2018	1
2.	Hands-on training of PG students on Physical Chemistry Equipments	10 th August, 2018	2
3.	JAM/PPT contest	18 th September, 2018	3
4.	World Ozone Day Celebration	18 th to 19 th September, 2018	4
5.	Inter college Science Based Competitions	4 th October, 2018	5
6.	Recent trends in Science and Technology (Science Cartoon, Poster contest, slogan writing and Power Point competition)	29 th October, 2018	6
7.	Field Visit to Environtech Laboratory Mohali	26 th February, 2019	7
8.	Science Day Celebration (Slogan writing competitions)	28 th February, 2019	8

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

Orientation Programme

With the great guidance of Principal, Prof. (Dr.) Anita Kaushal and supervision of Dean College and co-coordinator Societies Prof. (Dr.) Rama Arora of PGGCG-11, Chandigarh organized an orientation programme on **26th July, 2018** with the aim to make the freshers feel comfortable in the college and prepare them to face the challenges in life. Function started with the welcome address by Prof. (Dr.) Anita Kaushal and other faculty members. In their address, they welcomed the freshers and briefed them about the infrastructure, rules and regulations regarding attendance, fee concession, scholarships, pattern of house examination, anti-ragging cell and also emphasized on mentoring classes. Students (150) were motivated to come forward and actively participate in various self-development activities to have an edge of learning beyond academics.



Principal Addressing Students



Students and faculty attending the orientation

Hands-on Training of PG Students on Physical Chemistry Equipment's

A demonstration of physical chemistry equipment's for M. Sc I and II was organised by the department of chemistry of PGGCG-11 on **10th August, 2018**. This demonstration was given on conductivity TDS meter and was aimed to acquaint the students with the use of this meter. The demonstrator, Mr Anuj Kumar explained how to calibrate the device using KCl as the standard solution. The students were taught, how to measure the conductivity of different solutions. He informed the students, how to manually adjust the temperature readings on the meter, in case the temperature probe does not work. For the better understanding of the working of apparatus, students performed a saponification experiment under the guidance of Mrs. Veneeta Anand. Twenty students took the readings at regular intervals and then plotted the same on the graph. It was indeed an interactive and informative session. Twenty-five students attended the training.



Demonstration in Process

JAM/PPT Contest

Under the dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, Physics Department of PGGCG-11, Chandigarh organized a talk on “High Energy Experiments – An overview” on **18th September, 2018** by Prof. Vipin Bhatnagar from P.U, Chandigarh. Prof. Bhatnagar has been associated with the discovery of God particle at CERN, Geneva. He discussed the high energy experiments related to the discovery of God particle and explained the utilization of these in the field of medical science. The students took keen interest and asked various questions related to the talk during the discussion. The talk was followed by “Just a Minute contest (JAM)” and “Inter-Class Poster Making Competition”. The students (40) of BSc. (Non-Medical and Computer Science) enthusiastically participated in this event. The poster presentation by the students was reflection of their knowledge, creativity and imagination which conveyed the theme of their posters very well. The Principal, Prof. (Dr.) Anita Kaushal gave away the prizes to the winners. She congratulated them and motivated the students to participate in such events as they are of great help in boosting their morale and confidence. The guest speaker, Prof. Bhatnagar admired all the students who took part in the contest. The Vice Principal, Prof. Nirupama Luthra appreciated the concept of the function (Just a Minute contest) wherein participants were asked to speak for a minute impromptu.



The Lecture in Progress and poster Presentation

World Ozone Day Celebration

Green Thumbs–under the aegis Science Society of Post Graduate Government College for Girls, Sector-11, Chandigarh organized a two days activity of Poster Making and Power Point Presentation Competition on **18th to 19th September, 2018** to celebrate World Ozone Day. About 100 students from the college registered for the competitions. Power Point presentation competition was held separately for the Post Graduate and Under Graduate students in M.Sc. Lab and room No 127 respectively. Presentations covered the topics Ozone Layer depletion, Global Warming and Cancer. Poster making competition was held on 18th September, 2018. The theme of posters making were Ozone Layer Depletion, Global Warming, Cancer and topics related to Plant Taxonomy.



Power point presentation competition

Inter College Science Based Competitions

Various Inter-college competitions were organized by MCM, D.A.V. college- Sector 36, Chandigarh on **4th October, 2018**. Event was sponsored by DST, Chandigarh. Science Society of PGGCG-11 had sent fourteen students from the college to participate in four competitions i. e. Poster making, Still and Working Model making, Quiz and Declamation contest. Topic for declamation was “Genetically Modified Crops- Boon or bane”. Prof. (Dr.) Pramila Pathak from Botany Department of Panjab University was the Chief Guest on the occasion and gave away prizes to the winners. 50 students participated.



Student participating in declamation contest

Recent Trends in Science and Technology

Under the dynamic leadership of Principal, Prof. (Dr.) Anita Kaushal, Science Society of PGGCG-11 organised various competitions on **29th October, 2018**. The Inter-class and Inter-departmental science cartoons poster contest, Slogan writing on popularisation of science and Power Point Competition on recent trends in science and technology were held. The science undergraduate and post graduate students (90) of all classes enthusiastically participated in this event. The Principal, Prof. (Dr.) Anita Kaushal gave away the prizes to the winners. She congratulated them and motivated the students to participate in such events as they are of great help in boosting their morale and confidence.



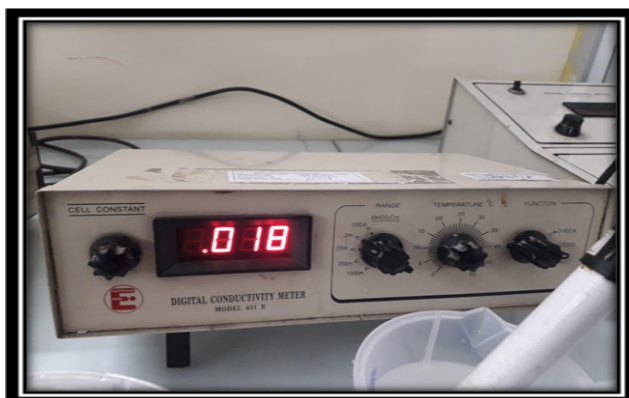
Slogans and Posters displayed by the students



Principal giving Prizes

Field Visit to Environtech Laboratory, Mohali

The students of M.Sc- Chemistry II, got the chance to visit the Environ Tech Laboratories Sector-82 on **26th February, 2019**. They learnt various methods for soil and waste water analysis. The main purpose of the visit was to gain a practical insight about our subjects. They reached the lab at 10:00 am. They were shown two instruments for element detection namely atomic absorption spectrophotometer and gas phase chromatograph. They were also shown the various methods involved in analysis of waste water from various sources like hospitals, industries, hotels etc. Then, they learnt about soil analysis to find out the fertility of soil samples which is an important parameter for the farmers. They learnt the handling of UV Spectrometer and Flame Photometer and got the chance to take readings of different samples for each instrument. Lastly they went to the microbiology section where microbes are grown by giving them proper media and optimum temperature to grow. At the end there was a brief lecture by Dr. Adarsh to further explain them the importance of water and soil analysis. They came back from the lab at 5:00 pm. The visit to Environ Tech Laboratories was very enriching as it helped them to put their theoretical knowledge into practical use. Twenty Five students participated.



Hands on Training of digital Conductivity Meter

Science Day Celebration

A slogan writing competition was held on **28th February, 2019** with the theme 'Science in Modern Era' to mark the celebration of National Science Day. Around 50 students participated in the contest and following were the results:



Slogans at display