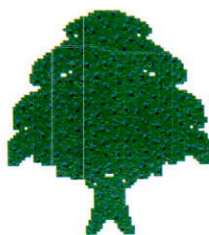


**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS**  
**SECTOR-11, CHANDIGARH**



**COURAGE TO KNOW**

**Science Society**  
**(Session: 2019-2020)**

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

## **Orientation Programme**

With the great guidance of Principal, Prof.(Dr.) Anita Kaushal, the faculty of sciences organized an orientation programme on **10<sup>th</sup> August, 2019** with the aim to make the freshers feel comfortable in the college and prepare them to face the challenges in life. The freshers were briefed about the infrastructure, rules and regulations regarding attendance, fee concession, scholarships, pattern of house examination, anti-ragging cell and also emphasized on mentoring classes. Around 150 students were motivated to come forward and actively participate in various self-development activities to have an edge of learning beyond academics.



**Students Participating In Orientation Programme**

## **Jal Shakti Abhiyan**

Prakriti – The Environmental Society of PGGCG – 11 organized various events as a part of “Jal Shakti Abhiyan – 2019” being observed by the Ministry of Human Resource Development(MHRD) under “Swachta Pakhwada 2019” **1<sup>st</sup> September to 12<sup>th</sup> September, 2019** under Prime Minister’s mission “Jal Shakti Abhiyaan”. The theme for the same was water conservation and making India free from single use plastic. Around 70 students participated in the same.



**Team of students during group task on water conservation**



**Nukkad Natak in Open Ground of College**

## SPARC International Workshop

A SPARC International workshop was held on **31<sup>st</sup> October, 2019** at: Department of Chemistry, Panjab University conducted under: SPARC (MHRD) sponsored project in collaboration with Osaka University, Japan on the topic “Peptide Nano technological Approaches for Novel Theranostics”. Around 5 Post Graduate students and faculty of Chemistry Department, PGGCG sector 11 participated in this workshop. Following are the highlights of workshop:



### Certificates Received by the Students

## National Seminar On "Recent Trends In Interactive Sciences-A Path To Global Expansion"

Faculty of Science of Post Graduate Government College for Girls, Sector-11, Chandigarh organized One day National Seminar on "Recent Trends in Interactive Sciences-A Path to Global Expansion" sponsored by Department of Science and Technology, Chandigarh, on **5<sup>th</sup> November, 2019**. About 275 students & research scholars and 63 faculty members from colleges and universities of Chandigarh and other states of India participated in the seminar. The Chief Guest for the seminar was Dr. Abdul Qayum, IFS (Deputy Conservator of Forests and Additional DST, Chandigarh and Guest of Honour was Dr. Parvinder Singh (Controller of Examinations, Panjab University, Chandigarh). Dr. Partik K. Ray, Assistant Prof., IIT Ropar delivered a lecture on "Designing material for hypersonic applications". Professor Emeritus Dr. Ravi Parkash, Department of Genetics, MDU, Rohtak, delivered a lecture on "Curiosity and Passion to promote achievements in Science. In the Technical Session -II, Dr. Vasundhra Singh, Professor of Chemistry at Panjab Engineering College, Chandigarh and alumnus of PGGCG-11, Chandigarh delivered a talk on "Multidisciplinary research and how chemistry is central to various areas. The speaker for the Technical session-II was Professor Rajat Sandhir from Department of Biochemistry, Panjab University, Chandigarh. The topic of his lecture was "**Neurobiology of Disease and Neuroprotection**". About 170 students & research scholars and 60 faculty members from colleges and university of Chandigarh and other states participated in poster presentation.



Registration by faculty and students



Banner





Display of posters



Display of posters by faculty

**पीजीसीसीजी-11 में नेशनल साइंस सेमिनार**

## 275 विद्यार्थियों और 63 फैकल्टी मेंबर ने पोस्टर प्रतियोगिता में दिखाया हुनर




**चाई सिटी रिपोर्टर**

चंडीगढ़। सेक्टर-11 स्थित पोस्ट ग्रेजुएट गवर्नमेंट कॉलेज फॉर गर्ल्स में नेशनल साइंस सेमिनार का आयोजन किया गया। इस दौरान पूरे देश से 275 विद्यार्थिनी और 63 फैकल्टी मेंबर ने पोस्टर प्रतियोगिता में भाग लिया। इसके लिए ग्रीन टेक्नोलॉजी, ग्रीन कैमेट्री, सिंगल यूज प्लास्टिक का विकल्प, पानी बचाओ के उपाय, गैरसम बर्तन, कैन बचाओ, पर्यावरण बचाओ इत्यादि विषय रहे। इस दौरान पीयू के

जुवाजी विभाग की अस्सिस्टेंट प्रो. डॉ. अर्चना चौहान और सीएसआईआर-सीएसआईओ की सीनियर साइंटिस्ट डॉ. पूजा ने जज की भूमिका निभाई। पीजीसीसीजी-11 के एएससी कैमेट्री-1 की चैरमैन प्रो. डॉ. अरुण कौर, पीजीसीसी-11 के एएससी कैमेट्री-2 की सहक. सूद और सूफी कंबोज, पीजीसीसी-11 के एएससी-2 के परमवीर और अपन कुमार को क्रमशः प्रथम, द्वितीय और तृतीय स्थान मिला। पंजाब के जगराओ के गवर्नमेंट कॉलेज फॉर साइंस एंड टेक्नॉलॉजी के एएससी-2 की ज्यूसीएल कौर

और पीजीसीसीजी-11 के एएससी-3 की रुचिका को सालाना पुरस्कार दिया गया। प्रिंसिपल प्रो. डॉ. अनीता कौशल ने विजेता विद्यार्थिनी और प्रिंसिपल को शुभकामनाएं दी। कार्यक्रम में मुख्य अतिथि इमरिटुस डॉ. अजय कल्याण और गैस्ट ऑफ ऑनर पीयू के एग्जामिनेशन कंट्रोलर डॉ. परविंदर सिंह रहे। पहला सेक्टर अडिवाइटी सेण्ड के अस्सिस्टेंट प्रो. डॉ. फ़ातेक के रे ने डिजाइनिंग मैट्रिक्स फॉर हाइपरस्टोइक मैट्रिक्स पर दिया। दूसरा लेक्चर पैक के कैमेट्री के प्रो. डॉ. ससुंगा सिंह की ओर से कैमेट्री को उपसंगीत पर दिया गया।

### One-day national seminar held at PGGCG-11

**CHANDIGARH:** The Post Graduate Government College for Girls, Sector 11, organised a one-day national seminar, sponsored by the UT science and technology department, on 'Recent trends of interactive sciences- A path to global expansion' on Tuesday. Chief guest Dr Abdul Qayum, IFS (deputy conservator of forests and additional director, Science & Technology & Renewable Energy, Chandigarh) and the guest of honour, Dr Parvinder Singh (controller of examinations, Panjab University, Chandigarh) graced the occasion. Qayum in his keynote

Media coverage

## Report On International Year of Periodic Table

On **29<sup>th</sup> January, 2020** International Year Of Periodic Table -2019 was celebrated by Science Society of PGGCG-11 Chandigarh by conducting a seminar in which there were talks by Prof. K.K.Bhasin and Dr. Alok Srivastava, Department of Chemistry Panjab University, to celebrate the 150<sup>th</sup> anniversary of most beloved graphic in Chemistry that is Periodic Table given by Dmitri Mendeleev in 1869. This seminar was organised by 'Society For Promotion Of Science and Technology.'

Prof. K.K. Bhasin is a CSIR Emeritus Scientist at Centre of Advanced Studies in Chemistry, Panjab University. He emphasized about the Periodic Table and its importance. He told the students that UNESCO launched the IYPT at the headquarter of Paris to raise awareness about chemistry and its applications for Sustainable Development. Interestingly, this table can be used to predict the properties of Elements that are present on earth and in the Universe. It is an unique tool that enables scientists to predict the properties of even those elements that are yet to be discovered. He discussed about the journey of discovery of elements from 1869 to 2007

The second speaker was Prof. Alok Srivastava who is a nuclear scientist and is working towards the discovery of new elements along with other scientists. He told audience about his work with Seaborg in discovery of the Element and added that Organesson was another element which was named after the scientist who was still alive. He motivated the students to work hard in life by emphasizing knowledge and Science are not for someone's sole proprietary. It is for everybody who works hard every day.

Overall it was an informative and interactive sessions.

## Science Day Celebrations

Science Society of PGGCG-11 Chandigarh celebrated National Science Day in collaboration with CREST on **25<sup>th</sup> & 26<sup>th</sup> February, 2020** to commemorate the invention of the Raman Effect by the Indian physicist, Sir C.V Raman. The science undergraduate and post graduate students enthusiastically participated in the celebration. The theme of the celebration is “Women in Science” to raise public appreciation on scientific issues. It is an endeavour to highlight the contribution of women in the field of Science and Technology. About 40 faculty members and around 150 students of UG ,PG and Honours classes participated in the celebrations. Mr. Debendra Dalai, IFS, Chief Executive officer CREST ,Chandigarh was the chief guest on this occasion. Dr.Pooja , Senior Scientist CSIR –CSIO Chandigarh delivered a lecture on the theme. The various activities conducted on this occasion were Quiz competition, Essay writing competition, Poster/Cartoon making, Rangoli competition, Powerpoint competition and Skit competition.



**Lecture by Dr.Pooja Scientist CSIO-CSIR**



## **Online Covid-19 Awareness Drive**

Under the able guidance of Prof. Dr. Anita Kaushal, Post Graduate Government College for Girls, Sector-11, Chandigarh and Chemistry Department initiates a drive to make students aware of the Post COVID Scenario. Even during the time of COVID-19 pandemic, the college and the faculty tries their best to keep students in touch with their subject and the environment surrounding them.

42 students of M.Sc.-2 (Chemistry) presented a video on “The Scenario After Pandemic COVID-19” on **25<sup>th</sup> May, 2020**. The students tries an attempt to explain the changes that are happening in the world during the pandemic and what the impact this will leave on our lives. The students excellently marks that only the negative vibes the pandemic will leave but it has been a boon for the nature. Every day along with alarming news of COVID-19, there are also some beautiful stories of rejuvenating Mother Earth. This reveals man’s crime towards the beautiful Earth for which he must be guilty. But the positive message given by the students that there is always a “HOPE” brings some relieve in the stressful environment. The faculty highly appreciate the efforts of the students and “HOPES” for the condition to be normal once again.

## Online Environment Day Celebrations

Under the dynamic leadership of Principal, Prof. (Dr).Anita Kaushal Science Society of PGGCG-11(Chemistry Department) organised online Intercollege Competitions to celebrate Environment Day on **05<sup>th</sup> June, 2020**. Due to nationwide lockdown, Department of Chemistry, organised Intercollege competitions to celebrate Environment Day on the online platforms. The department has organised the various competitions on the theme of “Reducing Our Foot Prints Through Chemistry “for encouraging awareness and action to protect our environment.

The various activities organised are Poem recitation ,Virtual Experiments, Poster Presentations and Kitchen experiments. Around 40 students participated in the above event.

A poster making competition was organized on the following themes

- Earth and Chemistry
- Chemical protection of Earth
- Chemistry of Waste Management
- Carbon Footprints

About 50 students participated in the event and five students were declared prize winners.



Poster Presentation

## **Virtual National Seminar on Science and Technology for Human Welfare and its Effects on Conservation**

Under the dynamic leadership of Principal, Prof. (Dr).Anita Kaushal Science Society of PGGCG-11 organised “Online Virtual National Seminar on Science and Technology for Human Welfare And Its Effects On Conservation” on **14<sup>th</sup> June, 2020**.

The webinar started with the address of Honourable Principal Prof(Dr.) Anita Kaushal she stated that

“We are aware that COVID -19 situations makes for an anxious time for many members of our community, especially those who have pre-existing health conditions. The current circumstances we live in are unknown to us all and they bring a lot of un certainties and challenges with them. For this reason, I want to express my gratitude to our Science Faculty Members for organizing such an informative webinar for the students.” Around 60 students participated in the above event

Distinguished Speakers

