



Kanoria
PG Mahila
Mahavidyalaya
Jaipur

25. National Conference on International Year of Periodic Table 'Know Your Elements'

Date: 29-11-2019 to 30-11-2019

1. Brochure:

The brochure cover features three logos at the top: the ACT logo (Association of Chemical Technologists, ESTD 2008), the Kanoria PG Mahila Mahavidyalaya logo, and the 2019 IYPT logo (International Year of the Periodic Table of Chemical Elements). The main text reads: "National Conference on International Year of Periodic Table 'Know Your Elements' 29th - 30th November, 2019". Below the text is a photograph of the Kanoria PG Mahila Mahavidyalaya building. At the bottom, it states: "Organized by : Department of Chemistry Kanoria PG Mahila Mahavidyalaya, JLN Marg, Jaipur - 302015 (Rajasthan)".

The invitation card features the same three logos as the brochure cover. The text reads: "Kanoria PG Mahila Mahavidyalaya Jaipur cordially invites you to the Valedictory Session of National Conference on International Year of Periodic Table 'Know Your Elements' on 30 November 2019 organized by Department of Chemistry". It then lists the Chief Guest as "Ms. Mugdha Sinha, Secretary, Department of Science and Technology, Rajasthan". At the bottom, it identifies "Dr. Kumud Tanwar, PG Head, Chemistry" and "Dr. Seema Agrawal, Principal".



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2. List of resource person/guests:

1. Dr. M.R.R. Prasad, Scientist, ISRO
2. Dr. Neelima Gupta, Vice-Principal, University Maharaja's College, University of Rajasthan
3. Dr. Ashok Kakodia, Director, Govind Guru Tribal University, Banswara
4. Dr. Satpal Badsara, Vice-Principal, University Maharaja's College, University of Rajasthan
5. Dr. P.S. Verma, Former Head, University of Rajasthan
6. Dr. M.C. Sharma, University of Rajasthan


3. Geotagged photograph of the event:



 26.88635, 75.81223

Photographs of Inaugural Ceremony



 26.88635, 75.81223

Speakers Interacting with Participants

National Conference
on
International Year of Periodic Table (IYPT-2019)
'Know Your Elements'

A two days conference on **International Year of Periodic Table 'Know Your Elements'** was organized at the Kanoria PG Mahila Mahavidyalaya, Jaipur on 29th-30th November, 2019 which was jointly sponsored by Association of Chemistry Teachers, Mumbai. The Periodic Table of Chemical Elements is one of the most significant achievement in Science, capturing the essence not only of chemistry but also of physics, medicine, earth sciences and biology. In year 1869 Periodic System was discovered by Dmitri Mendeleev. Year 2019 is celebrated as 150th anniversary of the Periodic Table of Elements and therefore been proclaimed the 'International Year of Periodic Table' of Chemical Elements (IYPT – 2019) by the United Nation General Assembly and UNESCO.

On 29th November 2019 the programme began with Quiz which was followed by the inaugural session. The Session was graced by presence of eminent dignitaries, faculty members and students from various colleges across the country. The event began with prayer to almighty followed by lighting of



lamp by the Chief Guest **Dr. M.R.R. Prasad**, Scientist (ISRO), Department of Space, Government of India, **Dr. Neelima Gupta**, Senior Associate Professor and Vice-Principal, Maharaja College, University of Rajasthan, Jaipur and **Dr. Seema Agrawal**, Patron IYPT, Principal, Kanoria PG Mahila Mahavidyalaya, Jaipur and **Dr. Ratna Saxena**, Organizing Secretary IYPT, Head, Department of Zoology, Kanoria College, Jaipur. **Ms. Sarika** (M.Sc. Sem I), **Ms. Gauri Shukla** (M.Sc. Sem III) and **Dr. Kumud Tanwar**, Convener IYPT, PG Head, Department of Chemistry, Kanoria College, Jaipur.

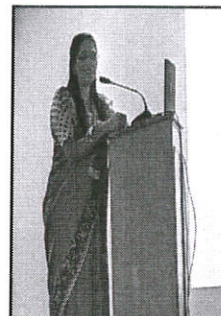


Dr. Seema Agrawal in her motivational speech said that Kanoria College is delighted to hold such a conference which is highly inspirational and educational.

Dr. Arti Mishra, Coordinator, IYPT-19 welcomed all the guests and students and Dr. Nidha Gupta, Coordinator, IYPT-19 explained the theme of the conference. There were four technical session in the two days conference.

Seema
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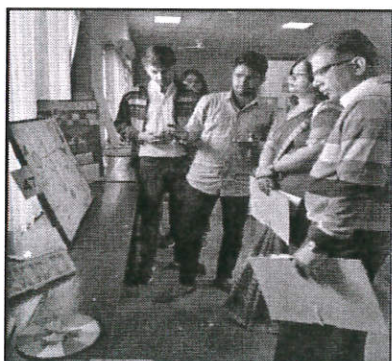
Technical Session I was delivered by invited guest **Dr. Neelima Gupta** and she explained that the events in IYPT will enhance the understanding and appreciation of the periodic table and chemistry in general among the public. In her invited talk on '150th Year of Periodic Table'. She aforesaid that chemical elements play a vital role in our daily lives and are crucial for humankind, our planet and for industry.



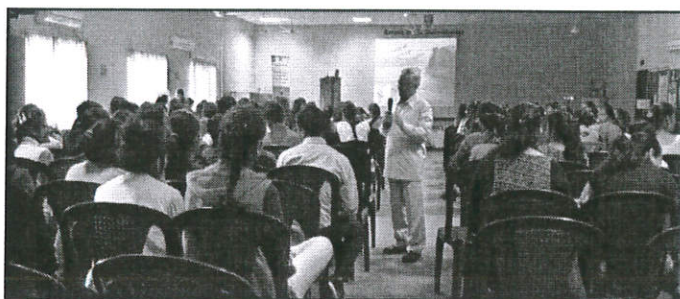
In Technical Session II Chief Guest **Dr. M.R.R. Prasad** elaborated the importance of raising global awareness of how chemistry promotes sustainable development and provides solutions of global challenges in energy, education, agriculture and health. He enforced that periodic elements had revolutionary impact in space and nuclear medicine.

The 1st Day was concluded by the vote of thanks was delivered by Dr. Swati Singh, Coordinator, IYPT-19.

In addition to the invited talks in the conference, a parallel poster and 3D model session was held on 29th – 30th November, 2019 involving student community where in 450 students participated in Quiz, Poster, 3D model and Rangoli presentations. These all were judged by **Dr. Ashok Kakodia**, Director, Govind Guru Tribal University, Banswara, **Dr. Satpal Badsara**, Vice-Principal, Maharaja College, University of Rajasthan, Jaipur. **Dr. Nidhi Gupta**, Associate Professor, Department of Chemistry, KMM, Jaipur and 3 best posters, 3D models, rangoli presentations and quiz were selected for awards based on their theme and quality of presentation.



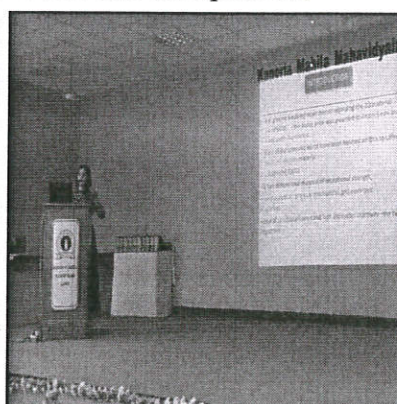
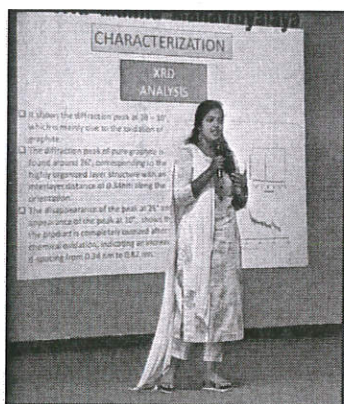
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The Technical Session III was delivered by **Dr. M.R.R. Prasad** on the topic 'Role of Graphene Oxide and Mixed Metal Oxides on Thermal Decomposition of Ammonium Per Chlorate'. Sir

explained the role of Ammonium per chlorate as rocket fuel and as catalyst. He also discussed Amalgamation of graphene oxide to enhance energy.

Lastly we entered into the Technical Session IV where we had invited talk by our M.Sc. I and III semester students Ms. Astha Arya, Ms. Shivani Vyas and Ms. Jyoti Sharma on the topic 'Green Synthesis of Oxides of Nanoparticles'. They explained various principles of green chemistry and focussed on the designing of products and processes that minimize or eliminate the use and generation of hazardous substances. The lecture were followed by the interactive session between the students and speakers.



The valedictory function of the conference was graced by the Chief Guest **Ms. Mugdha Sinha** (IAS, DST Rajasthan), Guest of Honour **Dr. M.R.R. Prasad** (Scientist ISRO, Govt. of India), **Dr. P.S. Verma** (Former Head, UOR, Jaipur), **Dr. M.C. Sharma** (Associate Professor, UOR, Jaipur), **Dr. Neelima Gupta** (Associate Professor, Vice-Principal, Maharaja College, Jaipur), **Dr. Ashok Kumar Kakodia** (Director, Govind Guru Tribal University, Banswara), **Dr. Satpal Badsara** (Vice-Principal, Maharaja College, Jaipur), **Mr. Vimal Kumar Bhatia** (Secretary, Kanoria Girls College Trust, Jaipur), **Dr. Rashmi Chaturvedi** (Director, Kanoria PG Mahila Mahavidyalaya, Jaipur), **Dr. Seema Agrawal** (Principal, Kanoria PG Mahila Mahavidyalaya, Jaipur) and Convener **Dr. Kumud Tanwar** (PG Head, Department of Chemistry, Kanoria PG Mahila Mahavidyalaya, Jaipur).

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Ms. Mugdha Sinha proclaimed that Science and Innovation has been as old as the Indian Civilization. The outlook of Science is constantly being reinvented as we look for smaller,



faster, newer, cheaper ways of completing scientific tasks. This requires that mind be about to think without boundaries on limitations. She emphasized that present scenario requires sustainable development and innovative approaches. She acquainted that by inspiring the brightest minds,

supporting teams, enabling for reaching collaborations and funding curiosity driven science, chemical science can generate knowledge that in turn can lead to game changing solutions.

All the guests of Honour Dr. M.R.R. Prasad, Dr. M.C. Sharma, Dr. P.S. Verma enhanced the understanding and appreciation of the periodic table. They lightened the students on the importance of science in terms of curiosity. They said that curiosity is often held up as one of the most important qualities of a good scientist. They emphasized the importance of periodic table in search of extra terrestrial life.

In the prize distribution ceremony all the winners for the quiz, poster, 3D models and rangoli were given the prizes. In 3D model competition 1st prize of Rs. 1500/-, 2nd prize of Rs. 1000/- and 3rd prize of Rs. 750/- were presented to all the winners. Also trophies were given to the winners for posters, quiz, rangoli and seminars. All the judges were honoured by presenting sapling to them as a token of gratitude.



Vote of thanks was delivered by Ms. Medha Sharma (M.Sc. Sem III) and Ms. Jyoti Mishra (M.Sc. Sem III) for providing a platform of such events. Also the convenor of the conference Dr. Kumud Tanwar, PG Head, Department of Chemistry extended her vote to thanks to all the dignitaries, eminent guests and students for their valuable presence and support at each and every step of the conference and making IYPT a huge success. Lastly the conference IYPT – 2019 ended with National Anthem.



Swati
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Master of ceremony :-
Dr. Swati Singh and Students.