



Activities for the session 2019-20

SEMINAR OR WORKSHOP ORGANIZED

Dated: September 13, 2019

Event Name: One Day Seminar on the topic 'Patterns in Nature and Discoveries in Science'.

Description: To mark the 150th Anniversary of Periodic Table of Chemical Elements and to celebrate International Year of **Periodic Table** 2019 physics department hosted a one-day Seminar entitled "*Patterns in Nature and Discoveries in Science*". In which a movie based on the development of periodic table "Mystery of Matter: Unruly Elements" was shown to students followed by an open on the spot quiz on elements of matter. Prof. P.K. Ahluwalia. (Retd.), Himachal Pradesh University delivered a talk on the topic "*From Elements to Materials: An Edifice on the Foundation of Periodic Table*".





VISIT TO CPRI

Dated: September 25, 2019

Event Name: Visit to the Central Potato Research Institute (CPRI), Shimla

Description:

There is a Transmission Electron Microscope (TEM) with an operating voltage of 20-120kV available at CPRI Shimla. Students of BSc. III visited the Central Potato Research Institute (CPRI) on 25th September 2019. The expert scientists briefed the students about the principle, working of electron microscope and how the images are formed with the help of transmission electrons.



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SCIENCE DAY CELEBRATION

Dated: February 28, 2020

Event Name: Science Day

Description:

Physics department organized a one-day program on National Science Day 28, February 2020 on the theme "*Women in Science*". Presentations emphasizing the contributions of women in the field of science & working of Chandrayan II, Gaganyaan, Aditya II, including the intricacies and technicalities of the project and the scientists who were a part of it were also presented. A collage making competition and poster making competition were also organized on this occasion.





PAPER PRESENTED BY STUDENTS

Dated: October 3-5, 2019

Event Name: Paper in Symposium

Description: In 7th Indian Association of Physics Teachers (IAPT) National Student Symposium on Physics held at Panjab University Chandigarh, following students presented their papers:

- Aditi Sharma of class B.Sc. II - presented a paper on *Clean fuel energy*
- Saloni Kanwar of class B.Sc. II presented a paper on *Modified climbing device*

PROJECT PRESENTED BY STUDENTS

Dated: March, 2020

Event Name: Project presentations

Description: Students of B.Sc. III presented their projects on various topics in the form of power point presentation. Topics covered were on:

- Solar Energy & its Uses
- Working of electric buses
- Working of a local Gharat
- Working of a Biogas Stove
- Hydro energy, ocean energy & Geothermal energy



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