

Report on one day workshop held at GDC Theog

On 25th February, Science faculty of Government Degree College (GDC) Theog organized a one day workshop for 20 students of Government Senior Secondary School Sandhu who were accompanied by their teachers. The principal of GDC Theog Dr. Bhupinder Singh Thakur was the Chief Guest of the program. The Chief Guest addressed the audience and congratulated the science faculty of GDC Theog for organizing the workshop. The program aimed to expose school students to various fields of science and inspire them to pursue scientific interests in future. A well organized program comprising various activities like PPT presentations, scientific model demonstration, quiz covering diverse topics of science and technology and lab visit of different departments of science faculty were the highlights of the workshop.

PPT Presentations:

Science students from GDC Theog presented PPTs on diverse topics, including:

- Transgenic animals and transgenic plants
- Eminent scientists
- Easy way to learn Mathematics
- Artificial Intelligence
- Nanotechnology
- Ozone depletion







Lab Demonstrations:

Students visited various labs, where they were shown experiments and demonstrations by the respective department heads:

Zoology Deptt. (HOD. Dr. Nidhi Dhatwalia): Students were shown specimens, models, demonstration of experiments like blood group identification , monitoring of blood pressure, test to identify and proteins.

Chemistry Lab (HOD Prof. Vikas Nathan and Prof. Anamika): Students witnessed experiments on chemical reactions, acid-base chemistry, or other fundamental concepts.

Botany Lab (HOD Prof. Rajender Sir): Students saw plant specimens, models, and performed experiments on plant physiology, anatomy and ecology.

Physics Lab (HOD Prof. Yesh Desh) : Students observed experiments on mechanics, optics, or electricity, demonstrating fundamental physical principles.

Computer Science Lab (HOD Prof. Mrityunjay): Students were introduced to programming concepts, software applications, emerging technologies like AI and machine learning.

Mathematics Dept (HOD Prof. Chandresh): Students were engaged in problem-solving activities, mathematical modeling, or exploring mathematical concepts.

The workshop provided a valuable opportunity for school students to interact with college students and faculty, gaining insights into various scientific fields and potentially inspiring them to pursue careers in science. The workshop was highly appreciated by the teachers and students of GSSS, Sandhu. At the end of the workshop Dr. Nidhi Dhatwalia delivered an inspiring speech to inculcate scientific spirit amongst the students and proposed the vote of thanks. The program ended with national anthem.

Dr. Rajender Prakash
HOD Botany

Dr.Nidhi Dhatwalia
Dean Sciences

Principal
GDC Theog