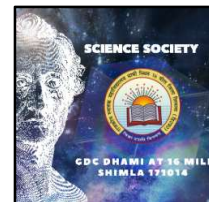




## Exploring Career Options in Science Stream for Matric and Intermediate Students: a lecture at GSSS Dhami, Shimla, HP



### Report

Date: 21/12/2024

An invited lecture on “Exploring Career Options in Science Stream for Matric and Intermediate Students” of GSSS Dhami was delivered by Dr. Naveen Thakur, Asst. Prof., Physics. The lecture aimed to inspire students to pursue science as a career, highlighting its numerous advantages and vast career opportunities.

#### Objectives:

1. To motivate students to opt for the science stream in their higher studies.
2. To create awareness about the diverse career options available in science.
3. To demonstrate the practical applications of scientific concepts through experiments.

#### Experiments Demonstrated:

1. Interference: Students observed the interference pattern created by overlapping light waves, illustrating the wave nature of light.
2. Gravity: A simple experiment demonstrated the force of gravity, showcasing its effects on objects with mass.
3. Inertial Frame: I demonstrated the concept of an inertial frame, highlighting Newton’s laws of motion.
4. The role of air pressure and surface tension: Students learned about the physics behind tubeless and tube tyres, including the role of air pressure and surface tension.

#### Career Options Explored:

I discussed various career paths available to science students, including:

1. Medicine and Healthcare
2. Engineering and Technology
3. Research and Development
4. Environmental Science and Conservation
5. Space Exploration and Astronomy



#### Conclusion:

Delivering this lecture was a rewarding experience, and I am confident that it inspired students to consider the science stream as a viable career option. By demonstrating the practical applications of scientific concepts, I hope to have sparked a lasting interest in science among the students of GSSS Dhami.



### धामी स्कूल के बच्चों ने जानी विज्ञान की बारीकियां



दैनिक आवाज जनादेश सुन्नी

स्कूलों में विज्ञान विषय में विद्यार्थियों की रुचि बढ़ाने और उन्हें प्रेरित करने के लिए शनिवार को राजकीय महाविद्यालय धामी स्थित सोलह मील के भौतिक विज्ञान प्रवक्ता डॉ. नवीन ठाकुर ने महाविद्यालय द्वारा गौरव लिए धामी विद्यालय का भ्रमण किया। उनके भ्रमण का उद्देश्य पाठशाला के विद्यार्थियों को विज्ञान विषय से

परिचित करवाना, उनकी रुचि बढ़ाना और विज्ञान द्वारा पेश किए जाने वाले विभिन्न करियर अवसरों पर चर्चा करना था। उन्होंने विद्यार्थियों को मुरल्याकर्षण बल, वायुदाब, प्रकाश माप आदि उदाहरण परीक्षण करके दिखाए। विद्यार्थियों ने परीक्षणों में अपनी सहभागिता दिखाई और स्वयं प्रयोग करने के प्रयास भी किए। इस अवसर पर समस्त विद्यालय स्टाफ मौजूद रहा।