



## **CSIR-Central Building Research Institute Roorkee** **Students & Scientists Interaction Program**

**13<sup>th</sup> May, 2024**

Under Jigyasa activity, CSIR- Central Building Research Institute (CBRI), Roorkee team visited Doon Heritage School, Dehradun (Uttarakhand) on May 13, 2024 for Students & Scientists Interaction Progra. Team comprises of Dr. P.K.S. Chauhan, Senior Principal Scientist, Dr. Veena Chaudhary, Scientist, and Miss Gunjan Joshi, Project Associate visited Doon Heritage School to engage with students and promote discussions on significant topics related to science and technology. The primary objective of this visit was to inspire students by highlighting India's rich scientific heritage and the critical role of women in modern scientific advancements. The event commenced with a warm welcome from the school principal, who introduced the CSIR-CBRI team to the students, faculty, and staff of school. The principal emphasized the importance of such interactions in broadening students' horizons and fostering a deeper appreciation for science

Dr. P.K.S. Chauhan, delivered the first lecture of the session on “प्राचीन भारत का समृद्धशाली विज्ञान”, his lecture delved into the scientific achievements of ancient India. His talk covered various aspects of historical scientific developments, focusing on areas such as astronomy, mathematics, medicine, surgery, metallurgy, and Ayurveda. He highlighted the contributions of renowned ancient Indian astronomers like Aryabhata, who made significant advancements in mathematics, including the calculation of the value of pi and the concept of zero. He also discussed the pioneering work of Sushruta and Charaka in the field of medicine and surgery.



Later Dr. Veena Chaudhary, talked about “Women in Science and Technology.” Her lecture focused on the role of women in science and technology, addressing both historical and contemporary perspectives. She highlighted the significant contributions of women throughout history, despite societal constraints. In ancient and medieval periods, women were involved in fields such as traditional medicine and astronomy. In the modern era, she celebrated pioneering women scientists like Janaki Ammal, a botanist known for her work in cytogenetics, and Asima Chatterjee, who made substantial contributions to organic chemistry and phytomedicine. She encouraged the young students, particularly girls, to pursue careers in science and technology, emphasizing the importance of mentorship, education, and creating supportive environments that foster the growth and success of women in these fields.



Following the lectures, there was an interactive session where students had the opportunity to ask questions and engage in discussions. The event succeeded in inspiring the students, fostering a greater appreciation for scientific pursuits, and encouraging them to contribute to science and technology.

