

## School Outreach Activity Report

### Visit to Jawahar Navodaya Vidyalaya, Kunihar (HP)

**Date of Visit: 18-12-2023**

On 18<sup>th</sup> Dec 2023, a team from JUIT embarked on an outreach activity to Jawahar Navodaya Vidyalaya, Kunihar (HP) aimed at enlightening students about the fascinating world of engineering, specifically focusing on Electronics and Communication Engineering (ECE). The objective was to inspire young minds and demonstrate the practical applications of technology through engaging sessions and live demonstrations. Following were the team members:

1. Prof. Rakesh K. Bajaj, HoD, Maths
2. Dr. Vikas Baghel, Assistant Professor, ECE
3. Dr. Bilal Khan, Assistant Professor, HSS
4. Mr. Kamlesh Srivastava, Lab Engineer, ECE



The day commenced with a video on JUIT and Prof. Rakesh K. Bajaj briefed the students about the University. An interactive presentation introducing the fundamental concepts of engineering

and delving deeper into the realm of Electronics and Communication Engineering was done by Dr. Vikas Baghel. Various subfields, career prospects, and the pivotal role of innovation in shaping our technological landscape were discussed.





Following the introductory session, the highlight of the day was the live demonstration showcasing the marvels of robotics and drones. Students were enthralled as they witnessed robots executing predefined tasks, highlighting the integration of sensors, programming, and mechanical systems. They were encouraged to interact with the robots, fostering a hands-on understanding of their functionalities. Demonstrating the workings of drones, we discussed their applications in various fields, from aerial photography to search and rescue operations. Students witnessed firsthand how drones operate and learned about the underlying principles governing their flight and maneuverability.



The enthusiasm and engagement displayed by the students were remarkable. Their curiosity and eagerness to comprehend the intricacies of technology were evident throughout the sessions. Many students actively participated in sessions, showcasing a keen interest in pursuing careers in engineering. Feedback from students was overwhelmingly positive. The school extended invitations for follow-up workshops and sessions to further supplement the students' knowledge in the field of engineering.



We are immensely grateful to Jawahar Navoday Vidyalaya, Kunihar (HP) for the warm welcome and the opportunity to inspire and educate young minds about the wonders of engineering and technology.