



कार्यालय छात्र मामलों के डीन  
OFFICE OF THE DEAN OF STUDENT AFFAIRS  
बिरला प्रौद्योगिकी संस्थान , मेसरा , राँची – ८३५२१५  
BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI, 835 215, INDIA  
(डीम्ड विश्वविद्यालय/Deemed University u /s 3 of UGC Act 1956)

## SMART INDIA HACKATHON GRAND FINALE 2022

Team, HEXAGON\_XI, from Birla Institute of Technology, Mesra, has won the 3rd prize in SMART INDIA HACKATHON, 2022. The team consisted of the following members:

PRANAV KUMAR (BTECH/10086/19)  
VANSHIKA KUMARI (BTECH/10423/19)  
VIVEK JHA (BTECH/10046/19)  
SHREYA SHUKLA (BTECH/10447/19)  
ABHISHEK (BTECH/10675/19)

The hackathon was of 36 continuous hours from 25 Aug to 26 Aug, and took place in Gujarat Technological University, Ahmedabad, Gujarat. We presented a solution to a problem statement raised by the ISRO Department. Our solution was to perform feature extraction on satellite images using explainable AI techniques. We presented our solution to the ISRO experts and made improvements upon it based on their feedback. We won the 3rd prize among the 36 teams that participated at national level in ISRO department's problem statements. We received a cash prize of Rs 50,000/- and a 24-carat gold plated trophy as award.





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