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## PRESS RELEASE

### Students develop all in one farmer's aid, salvation stick made up plastic filaments, farmland protection equipment during the Jharkhand School Innovation Challenge (JH-SIC 2023) at IIT (ISM)

Young innovators of 10 schools from across the state congregated at IIT (ISM) to participate in the grand finale week of Jharkhand School Innovation Challenge (JH-SIC 2023) developed innovative equipment, including a, all in one agricultural aid for farmers besides a salvation stick and other equipments like Khetrakshak meant to protect farmlands against locust swarm attack.

Giving details during a press conference at Naresh Vashisht Centre for Tinkering and Innovation (NVCTI), Prof Pankaj Mishra, Acting Dean (Innovation, Incubation & Entrepreneurship) said that the selected teams of 10 schools, including, Savitri Devi DAV Public School, Namupara; DBMS English School, Jamshedpur; Delhi Public School, Bokaro; Hill Top School, East Singhbhum; Loyola School, East Singhbhum; DAV Public School CCL, Giridih; DAV Public School, Koylanagar; Mahendramuni Saraswati Vidya Mandir, Madhupur Deoghar; DAV Public School, CCL, NTS, Barkakana and SDSM School for Excellence, East Singhbhum participating in the final round of event which began from September 9 have developed innovative projects based on their concept with help of experts at IIT (ISM).

“After the presentation of the models developed by the participants, judgment will be made by an expert panel today evening while the winners will be announced tomorrow during the award ceremony scheduled at Golden Jubilee Lecture Theatre of the institute from 3.30 p.m. during which Prof DK Singh, Vice Chancellor of Jharkhand Technical University will be present as chief guest” said Mishra.

Rajen Dasgupta ,Executive Officer of NVCTI said, “All the participating teams selected for grand finale have developed such models which are ready for marketing on the commercial scale and we will extend further support to them to develop it on commercial scale”

Notably, first three winners of the contest will get Rs 50000, Rs 30000 and Rs 20,000 respectively while the fourth and fifth position holders will be awarded consolation prize of Rs 10000 each as consolation prize.

Meanwhile, Explaining the model of Farmer's Aid, titled Krishi Bot developed by the three member team of DAV Public School Koylangar, Tuhin, one of the team member said “ Our project focusses on enhancing productivity, improving resource management and fostering financial inclusion for farmers in India as it aims to alleviated the farmers struggling with manual and inefficient methods of sowing, irrigation, levelling and moisture checking in their fields”

“The all in one equipment developed by us helps to till the soil while carrying out ploughing, carry out seed sowing as well irrigation of soil besides soil levelling” said Tuhin and added he developed the aid along with two other students of the school, including Samrat Bosse and Ayush Arpit Nayak.

Rajni Singh

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