

# 5<sup>th</sup> EDITION NOVATE+ 2023

**BIGGEST CONFLUENCE OF ACADEMIA & INDUSTRY FOR BUILDING MARKET READY PRODUCTS**

## Winners

**Each winning project may now avail prototype funding of upto INR 2.5 Lacs to develop their project ideas**

S.No.	Project Title	Team Details
1	Automatically Staircase Climbing Wheelchair with Robotic Arms	Vanshika Garg, Dr.Gurpreet Singh
2	CancerScreen- A Cutting Edge Urine-based Cancer Detection Device	Divya Kanwar, Bhavesh Dharmani, Dr. Sanjana, Dr. Pooja Mittal, Bhavesh Dharmani, Dr. Thakur Gurjeet Singh
3	Community Based Plastic Pyrolysis by Plasma	Rishiv Kalia, Dr. Arrik Khanna
4	Design and Development of Novel Geothermal Heat Exchanger to Provide Drinking Water at a Drinkable Temperature in Rural Indian Schools	Rishab Thakur, Ipshita Ramdaik, Gurleen Kaur, Dr. Rajesh Kumar
5	Development of a Prototype of an Affordable Thermoelectric Chiller to Quickly Cool Down the Water Temperature and Eliminate Harmful Emissions	Khyath Thakur, Rishab Thakur, Lovepreet Singh, Dr. Rajesh Kumar
6	Development of a Simplified Nano-Enabled Nitrate and Arsenic Removal Water Purifier	Pramit Kumar Bhunia, Dr. Amulya Prasad Panda, Prof. Sudesh Kumar Mittal
7	Fabrication and Testing of Hypoxia Flask for in Vitro Use	Pooja Kumari, Monika Sharma, Dr. Satyam Kumar Agrawal
8	GAM Illuminating Urinary Bladder Catheter	Prachi Mittal, Prof. Keerti Bhusan Pradhan
9	GREENLEAF: Generating Renewable Energy and Enhancing Nature through Liquid Plant-Based Air Filtration	Navdeep Singh, Anmol Nangla, Dr. Ajay Goyal, Mr. S.K. Rana
10	Multipurpose Herbal Oil Processing Machine	Soumarshi Das, Ravi Goyal, Dr. Deepinder Singh
11	Problem Solving Approach for the Post-Surgical related Bedding Problem for Rodents	Kartik Vats, Vaibhav Sapra, Dr. Onkar Bedi, Dr. Thakur Gurjeet Singh
12	Pyrolysis Reactor for Extracting Oil from Plastic Waste	Dhawal Goyal, Sukhdev Singh, Punam, Vikas Chadha, Dr. Rakesh Goyal
13	Solar Power Refrigeration System	Ashutosh Sharma, Ayush Sharma, Shiivam Ashutosh, Dr. Rajesh Kumar
14	The Smart Pour	Lovleen Kala, Kartik Sangwan, Deepti Prit Kaur, Priyanka Malhotra
15	WATERSHIFT: Water-Based Approach for Turbine Energy Recovery and Sustainable Hydrology Implementation for Future Transformation	Navdeep Singh, Anmol Nangla, Dr. Ajay Goyal, Mr. S.K. Rana
16	Wheelchair Cycle	Parth Bansal, Anurag Sokhal, Krish Aggarwal, Gaurav, Dr. Kulwinder Singh, Dr. Gurdial Singh

\*The list is sorted in alphabetical order of project titles