

## Ongoing Projects (MSME) under IDEA HACKATHON

Sl.	Name of the project	Sanctioning authority / Reference Number	Name of Incubatee	Amount (Rs. In Lakhs)	Department involved
1	Development of Cyber Physical Machine Tool	MSME, Govt of India IDEAWB002859	Prof. Tarun Kanti Jana	15.00	Mechanical Engg
2	Development of Food colors and dyes utilizing waste flowers	MSME, Govt of India IDEAWB002968	Swati Ray	15.00	Food Technology
3	Production of SiO <sub>2</sub> Nano Powder from Rice Husk Ash(Crop Residue)for its Industrial Uses :Waste to Wealth	MSME, Govt of India IDEAWB002856	Prof. Radha Das	15.00	Chemical Engg
4	Conducting polymer based water purifiers that are removed heavy metal ions such as As(V), As(III), Pb(II), Hg(II), Cr(VI) from waste water.	MSME, Govt of India IDEAWB002934	Dr. Siddhartha Samanta	15.00	Applied Science
5	Low cost composite toilet door using renewable fast growing cellulose material jute and bamboo with thermo-setting resin adhesive	MSME, Govt of India IDEAWB002846	Dr. Pijush Kanti Khatua	15.00	Applied Science
6	Development of nano-composite film as a packing material for enhancing shelf-life and sensing microbial contamination of cut vegetables, fruits and fishes	MSME, Govt of India IDEAWB002857	Dr. Mukesh Singh	15.00	BT
7	Prevalence of Diabetic Retinopathy and its Associated Factors in a Rural Area Based on Deep Learning for Computer aided Diagnosis	MSME, Govt of India (2 <sup>nd</sup> Phase)	Debasis Maji	15.00	EE
8	Development of Solar powered zero discharge roof top water purification system for domestic and Industrial use	MSME, Govt of India (2 <sup>nd</sup> Phase)	Tapas Kumar Manna	15.00	CHE
9	Bamboo fibre reinforced biodegradable plastic bag.	MSME, Govt of India (2 <sup>nd</sup> Phase)	Suman Jana	15.00	Institutional level
10	Production Of Biodiesel From Repurpose Used Cooking Oil (Ruco)	MSME, Govt of India (Women)	Shashi Biswas	15.00	Institute level
11	Rechargeable smart water purification system for wide ranges of feed water	MSME, Govt of India (Women)	Aditi Sinha	15.00	CHE
12	Separation of poisonous phenol from drain water excreted by different resin plants in India	MSME, Govt of India (Women)	Sayantani Chall	15.00	SAS
13	Guardian Gem IoT based Woman safety band	MSME, Govt of India (Women)	Payel Chatterjee	15.00	Institute level