



Student Innovation Awards

TINT students have received awards and funding for their innovative projects and business ideas at various competitions, including

- ✓ MSME Idea Competition,
- ✓ YUKTI Innovation Challenge,
- ✓ BNCCI Industrial Trade Fair,
- ✓ Innovation Design and Entrepreneurship (IDE) Bootcamp (Phase II) under AICTE, and
- ✓ Global Youth Invention and Innovation Fair in Indonesia.

Sl. No.	Name of the Competition / Camp	Rank	Title of the Project	Name and Designation of the Principal Investigator / Mentor	Name of the Students with Departments
1.	MSME Idea Hackathon 3.0 (Women)	Selected for Funding	Waste Rev-Production of Bio-Ethanol from Lignocellulosic Feedstock	Prof. Taposi Chatterjee, Assistant Professor, Dept. of BSH & Prof. Bablu Maity, Assistant Professor, Dept. of BSH	Anuksha Ganguly, Dept. of AIML Debasmit Ghosh, Dept. of AIML Ujan Das, Dept. of AIML
2.	YUKTI Innovation Challenge	Selected for Funding	Real-time Visibility of Dumper Load Status to Shovel-Operator	Dr Ayan Chakraborty, Associate Professor, Dept. of IT & Dr Ratna Mandal, Assistant Professor, Dept. of IT	Agnisha Bhatta, Dept. of IT Soham Das, Dept. of IT Pushpak Pallob, Dept. of IT Mitul Pramanik, Dept. of IT Hritam Kar, Dept. of CSE Subhajit Dutta, Dept. of CSE
3.	BNCCI Industrial Trade Fair 2022	1 st position	Pyrolytic Oil	Dr Partha Pratim Chakraborty, Assistant Professor, Dept. of BSH	Soumyajit Bhowmik, Dept. of ECE Aniruddha Hazari, Dept. of ECE Ritam Paul, Dept. of ECE
4.	Innovation Design and Entrepreneurship (IDE) Bootcamp (Phase II), AICTE	3 rd Position	Developing an AI-Powered Energy Management System for Commercial Facilities to Optimise Energy Consumption	Dr Shyamasree Biswas Raha, Assistant Professor, Dept. of EE & Prof Debasish Biswas, Assistant Professor, Dept. of EE	Sambhabi Das, Dept. of EE Soma Das, Dept. of EE Ritrio Mukherjee, Dept. of EE Prerona Pattrea, Dept. of EE Shoham Roy, Dept. of EE Rushali Mitra, Dept. of EE
5.	Global Youth Invention and Innovation Fair, Indonesia	1 st position	Any Type of Plastic Waste to Petrol & other Petroleum Products	Dr Partha Pratim Chakraborty, Assistant Professor, Dept. of BSH	Soumyajit Bhowmik, Dept. of ECE Aniruddha Hazari, Dept. of ECE Ritam Paul, Dept. of ECE



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Certificates or Selection List of the Winners at these Competitions

List of 397 Ideas Proposals approved during 7th PMAC Meeting of MSME Innovative held on 15.02.2024 & announced by Hon'ble Minister of MSME on the occasion of CPSE Conclave at Vigyan Bhawan, New Delhi on 29.02.2024.

SN o	Idea Reference No.	Host Institute Name	State/UT	Incubatee Name	Title of the Idea	Sector
1	IDEATN011648	RMD Engineering College	Tamil Nadu	Benitta J	Empowering farmers an app for self-determined pricing of agricultural products	Agriculture
2	IDEATN010847	JP College of Engineering	Tamil Nadu	Shenbaga Valli S	Development of eco-friendly sanitary napkins using pineapple leaf waste, corn fiber, and sugarcane waste	Agriculture
3	IDEAMH014004	Prof Ram Meghe College of Engineering and Management Badnera Amravati	Maharashtra	Vaishnavi Narendra Sabale	One place agro	Agriculture
4	IDEAKR011885	Jain Institute of Technology Davangere	Karnataka	Harini H V	Designing of portable device for determination of heavy metals in water.	Agriculture
5	IDEAKR012800	Vijnan Foundation for Innovation Research in Science and Technology	Karnataka	Asha N Bhat	Development of handheld compact data capture device for soil analysis using nir spectroscopy	Agriculture
6	IDEATN012923	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	Tamil Nadu	K.Prema	Sustainable design and fabrication of java plum (naval palam) essence and seed powder extracting device	Agriculture
7	IDEAWB011803	Visva-Bharati University	West Bengal	Swagatika Das	Development of nano -zno enriched biochar to enhance soil fertility and anti-microbial properties	Agriculture
8	IDEAWB011312	Brainware University	West Bengal	Shreya Bhowmick	Okra plant derived fibre production infused with natural color and insecticidal properties from lantana camara	Agriculture
9	IDEAWB012205	ICAR-Central Research Institute for Jute and Allied Fibres	West Bengal	Piyali Dey	Development of antimicrobial jute fabric by coating of zinc oxide nanoparticles	Agriculture
10	IDEATN011055	Sona College of Technology	Tamil Nadu	S.K.Kalaivani	Tractor drawn cassava planter	Agriculture
11	IDEATS010866	Engineering Staff College of India	Telangana	Vepa Vijayakameswari	Extraction of nano cellulose from desi cow dung	Agriculture
12	IDEAKR013258	Central Institute of Petrochemicals Engineering & Technology CIPET	Karnataka	Veena Sastry	Natural scrubber	Agriculture
13	IDEATS012018	St. Pauls College of Pharmacy	Telangana	Dr. Sneha Thakur	Pilot scale integrated hybrid biofertilizer and cattle waste (cow dung and sheep litter) processing unit	Agriculture
14	IDEATN010946	JP College of Engineering	Tamil Nadu	Muthu Lakshmi P	Plant based bioplastics	Agriculture
15	IDEATN012366	Karpagam Academy of Higher Education	Tamil Nadu	Dakshita K A	Extraction of essential oil from thyme and nigella sativa for ammonia control in aquaculture	Agriculture

SN o	Idea Reference No.	Host Institute Name	State/UT	Incubatee Name	Title of the Idea	Sector
		Management and Technology				
290	IDEAMH015063	Deogiri Institute of Engineering and Management Studies	Maharashtra	Swati Harkanth	Reduced electrical and water consumption of air cooler by controlling water pump	Power
291	IDEAAP013503	Sagi Rama Krishnam Raju Engineering College	Andhra Pradesh	Adimulam Deepa Prabha	Grid interactive bi-directional charger	Power
292	IDEAAP015651	Ramachandra College of Engineering Eluru	Andhra Pradesh	Sappati Bhuvana Surya Sai Sudha	Wind turbine quality checking plates	Power
293	IDEAWB016289	Techno International New Town	West Bengal	Anuksha Ganguly	Waste rev- production of bio-ethanol from lignocellulosic feedstock	Power
294	IDEATN015898	Amrita Vishwa Vidyapeetham	Tamil Nadu	Vrindha Venugopal K.V.	Solar-powered cold storage for perishables an affordable pick empowering small farmers	Power
295	IDEATN016432	RMK Engineering College	Tamil Nadu	Sonyya	Wattxchange-an energy exchange/aggregation platform at peer-to-peer level that allows prosumers/consumers to contribute/sell energy at an individual level.	Power
296	IDEATN011442	Vels Institute of Science, Technology and Advanced Studies	Tamil Nadu	Dr. M. Priya	Design and development of green synthesized metal oxide catalysts for membrane less fuel cell application	Power
297	IDEAKL016973	Amrita Vishwa Vidyapeetham	Kerala	Bhagiyalakshmi Margandan	Fabrication of hybrid electrochemical device using cathodic ni based ldhmos2/mxene nanocomposites and anodic mos2/mxene	Power
298	IDEAMP016278	Indo German Tool Room Indore	Madhya Pradesh	Ragini Baghel	Solar heat employer she (instant water heater, steam generator and dryer)	Power
299	IDEATN015419	Jerusalem College of Engineering	Tamil Nadu	S.Rudhra	Portable smart solar panel telescopic lifting and folding system for rental residential	Power
300	IDEATN017215	Easwari Engineering College	Tamil Nadu	Ananthi N	Solar wind roof top electricity generator (swrtcg)	Power
301	IDEARJ015567	Birla Institute of Technology & Science, Pilani	Rajasthan	Shalmali Kadu	Innergize- a smart patch that helps in reducing stress and anxiety while promoting sleep and calmness	Power
302	IDEAKR011830	Jain Institute of Technology Davangere	Karnataka	Harini H V	Designing of novel nano hybrid aluminate-based electrodes for batteries and supercapacitor.	Power
303	IDEATS011457	CMR College of Engineering and Technology	Telangana	Anuhya Anne	Bio-battery	Power
304	IDEATS017085	Vidya Jyothi Institute of Technology	Telangana	Koli Shailaja	Smart roads	Power

TINT Project Name featured in MSME Approved List of Sanctioned Projects_ Waste Rev-Production of Bio-Ethanol from Lignocellulosic Feedstock



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All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

File No. - P/11/2024-US C1/1 (Computer No. 4959)

Dated: - 06.05.2024

Grant Support to Innovations - Sanction Letter

To

The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of Rs. 250000/- (Rupees Two Lakh and Fifty Thousand only) being the Grant-in-Aid under the scheme of Grant Support to Innovations, MIC for the year 2023-24 payable during the current financial year 2024-25 to Techno International New Town.

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of Rs. 250000/- (Rupees Two Lakh and Fifty Thousand only) as Grant-in-Aid under the Grant Support to Innovations, MIC Scheme for Innovation title "Optishovel: Precision load visibility at a glance" as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	Techno International New Town, Block - DG 1/1, Action Area 1 New Town, Rajarhat, Kolkata - 700156
2.	Name of the Team Leader	Agnisha Bhatta
3.	Duration of the scheme.	FY 2024-25
4.	Total Grant-in-aid Sanctioned.	<u>Rs. 500000/-</u>
5.	1 st Phase Amount (50% of Grant-in-Aid) to be released during the financial year 2024-25.	<u>Rs. 250000/-</u>
6.	Sanctioned grant-in-aid is debitable to:	603.2 (a) General (MIC)
7.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	Techno International New Town

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution/Incubation Unit

I. Release of funds

- The Director/Principal is hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the proposal, in which the grant is being released:

Institute/ Incubation PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATT8588J	Axis Bank Ltd.	Electronics Complex Branch, Branch Code: 319	Plot No. 14, Block EP & GP, Saltlake, Sector- V, Kolkata 91	Techno International New Town	Savings	91801010530005 8	UTIB000J319

Front Page of Sanction Letter for Funding at YUKYI Innovation Challenge_Real-time Visibility of Dumper Load Status to Shovel-Operator



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Certificate of Achievement at BNCCI_Pyrolitic Oil



Certificate Won at IDE Bootcamp_Developing an AI-Powered Energy Management System for Commercial Facilities to Optimise Energy Consumption



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Certificate Won at Global Youth Invention and Innovation Fair, Indonesia _ Any Type of Plastic Waste to Petrol & other Petroleum Products

ESTD. 2005



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YUKTI Innovation Repository

Since 2021, the IIC has recognized and uploaded

- ✓ **114 innovation ideas** to the **YUKTI National repository**,
- ✓ including **36 innovations/prototypes**.

These innovations, offering **technical solutions to societal problems**, have the potential to turn into viable startup ventures.

Screenshots of YUKTI Repository

The screenshot shows the dashboard for Techno International New Town (C-6198) on the YUKTI National Innovation Repository. The IIC ID is IC202014047. The dashboard displays the following statistics for the Idea / PoC Repository:

Category	Count
Total Individuals Registered	114
Total Ideas Submitted	73
Total Ideas Assigned	72
Total Ideas Verified	54
Total Ideas Recommended	54

The screenshot shows the dashboard for Techno International New Town (C-6198) on the YUKTI National Innovation Repository. The IIC ID is IC202014047. The dashboard displays the following statistics for the Innovation / Prototype Repository:

Category	Count
Total Individuals Registered	114
Total Innovations Submitted	36
Total Innovations Assigned	36
Total Innovations Verified	21
Total Innovations Recommended	21

The screenshot shows the dashboard for Techno International New Town (C-6198) on the YUKTI National Innovation Repository. The IIC ID is IC202014047. The dashboard displays the following statistics for the Business Model / Startup category:

Category	Count
Total Individuals Registered	114
Total Startups Submitted	5
Total Startups Assigned	5
Total Startups Verified	5
Total Startups Recommended	5