



**VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE**
(AUTONOMOUS)
VIJAYAWADA-520007

2.External Funding raised by Startups

S.No	Name of the Startup	Funding Agency / Investor	Funding Amount
1	NPHSAT Systems Pvt. Ltd.	Indian Institute of Science(IISc),Bangalore	Rs. 15 Lakhs
2	'Mana ration' for MVP development of 'Revolutionize the traditional ration delivery system through Automation'	MSME, Govt. of India	Rs.15 Lakhs
3	Aqua Solutions	Gyan Circle Ventures	Rs. 7 Lakhs
4	FarmX Innovations Pvt. Ltd.	Gyan Circle Ventures	Rs. 7 Lakhs
5	Verlito Waste Management Pvt. Ltd.	ACIC KL Startups Foundation	Rs. 1 Lakh
6	Mr.Hanish Venkat (Startup under registration process) – Incubated with IIT-Hyderabad for the project 'Quality detection and grading of shrimps'	ITIC,IIT-Hyderabad & others	Rs. 1.2 Lakh
7	Mr.Avoor Khayim (Startup 'Kraken Aquaculture Solutions' under registration process) Incubated with IIT-Hyderabad for the project 'Aerator Automation and Monitoring System'	ITIC,IIT-Hyderabad & others	Rs. 1.36 Lakh
8	Infi Stich Pvt. Ltd.	APSSDC-Entrepreneur Development Cell & SAGTE	Rs. 1.5 Lakhs
	Total		Rs. 48.43 Lakhs



External Funding Note: Please refer the sanction letter from MSME for funding of NPHSAT (Sr. No: 166) and Mana Ratio (Sr. No: 226).



Gyan Circle Ventures
(Centre for Innovation and Entrepreneurship Development at IIITS)
(Established as Section 8 Company under Companies Act, 2020)
Indian Institute of Information Technology Sri City Chittoor



30th March 2022

To,
FARMX INNOVATIONS PRIVATE LIMITED,
D NO 78-5-14, RAMALAYAM CENTER,
KV KANDRIKA, VIJAYAWADA,
Krishna, Andhra Pradesh-521212

Dear Mr. Siva Nagaraju,

Sub: Sanction Order for MeitY Startup Grant of up to Rs.7 Lakhs - reg.
Ref: Your application dated 15/01/2022 and presentation held on 25/03/2022

We are pleased to inform you that with reference to your application and subsequent presentation, your startup has been provisionally sanctioned an amount of up to Rs.7 Lakhs under the MeitY Startup Grant TIDE 2.0 scheme. As a part of this Grant, you will be issued the 1st installment grant of Rs.300000/- based on the milestones & deliverables submitted in your proposal. The details of the 1st installment are as follows:

Account Name: FARMX INNOVATIONS PRIVATE LIMITED

Bank: BANK OF BARODA, VIJAYAWADA BRANCH

Account Number: 82220200001103

IFSC Code: BARB0VJNTRX

Kindly note that the issue of the sanction order is only provisional and will be approved only after the TIDE 2.0 Startup Grant Agreement is signed. Please note that the sanction may be cancelled at any point in time and you may have to return the entire fund, if any of the documents are found to be falsified or the information provided by you is incorrect.

With Best wishes,

(G.KANNABIRAN)
Gyan Circle Ventures (CIED)



Gyan Circle Ventures
(Centre for Innovation and Entrepreneurship Development at IIITS)
Indian Institute of Information Technology, Sri City, Chittoor
300 Green Mang, Sri City, Chittoor District - 517 540, Andhra Pradesh, India
e-mail: gycircle.ventures@iiitj.in www.iiitj.ac.in Mobile: 7337327448



Gyan Circle Ventures
(Centre for Innovation and Entrepreneurship Development at IIT5)
(Established as Section 8 Company under Companies Act, 2020)
Indian Institute of Information Technology Sri City Chittoor



26th March 2021

To,
AQUA SOLUTIONS,
1-250, 2nd Lane Auto Nagar,
Vijayawada,
Krishna-520 010.

Dear Ms. Jogi Sai Prasanna,

Sub: Sanction Order for MeitY Startup Grant of Rs.7 Lakhs - reg.
Ref: 1) Your application dated 09/02/2021 and presentation held on 20/02/2021
2) Grant Notification Letter dated 26th February 2021

We are pleased to inform you that with reference to your application and subsequent presentation, your startup has been provisionally sanctioned an amount of Rs.7 Lakhs under the MeitY Startup Grant TIDE 2.0 scheme. As a part of this Grant, you will be issued the 1st installment grant of Rs.300000/- based on the milestones & deliverables submitted in your proposal. The details of the 1st installment are as follows:

Account Name: AQUA SOLUTIONS

Bank: SBI, Chinapandura Branch

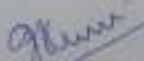
Account Number: 39018976701

IFSC Code: SBIND004808

Kindly note that the issue of the sanction order is only provisional and will be approved only after the TIDE 2.0 Startup Grant Agreement is signed. Please note that the sanction may be cancelled at any point in time and you may have to return the entire fund, if any of the documents are found to be falsified or the information provided by you is incorrect.

The grant will be released after a requisition letter from your side agreeing to the terms & conditions as stated in the TIDE 2.0 Startup Grant Agreement.

With Best wishes,


(G. KAVYAKIRAN)
CEO (Gyan Circle Ventures)

Gyan Circle Ventures
(Centre for Innovation and Entrepreneurship Development at IIT5)
Indian Institute of Information Technology, Sri City, Chittoor
440 Great Marg. Sri City, Chittoor (AP) - 517 001, Andhra Pradesh, India
www.gyancircleventures.com | www.iit5.ac.in | Phone: 0977809444



Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

F.No. 6(19)/Sanction to CNA/Incubation /2022-23

Dated : 17/08/2022

To,

The Accounts Officer,
Pay & Accounts Office,
Micro, Small & Medium Enterprises,
New Delhi.

SANCTION ORDER

Subject: Sanction of payment of Rs. 20,57,00,000/- to CENTRAL TOOL ROOM AND TRAINING CENTRE (CTTC), Bhubaneswar, ODISHA towards implementation of Incubation Component of MSME Innovative Scheme for FY 2022-23:reg.

Sanction of the President of India is hereby conveyed to release of payment of Rs. 20,57,00,000/- (Rupees Twenty Crore Fifty Seven Lakh Only) under Grant-in-aid General for implementation of Incubation Component of MSME Innovative Scheme, a component of MSME Champions Scheme under Technology Upgradation and Quality Certification (CLCS-TUS), to Central Tool Room And Training Centre (CTTC), Bhubaneswar, Odisha as Central Nodal Agency (CNA) w.r.t. approval in 2nd PMAC held on dt. 22.06.2022 for the FY 2022-23. The details are as under:

(Rs. in lakh)

S. No.	BE of MSME Champions Scheme 2022-23	Amount approved in 2 nd PMAC	Amount Concurred by IFW	1 st release as per Scheme Guidelines 70% of amount approved and available funds under Grant-in-aid General	Balance Fund will be released in due course of time	Balance to be released after utilization of 60% amount of 1 st release as per scheme guidelines
1	5072.00	2963.676	2074.573	2057.0000	17.573	889.103

2. The details of ideas and the respective amount approved in 2nd PMAC and 70% of the amount as 1st installment as per scheme guidelines are as per **Annexure-A**

3. Roles and Responsibilities of CNA:

Central Tool Room And Training Centre (CTTC), Bhubaneswar, Odisha shall release the amount to the respective Host Institutes (HIs) as per the **Annexure-A** after submission/upload all requisite documents on MIS portal by the HIs concerned as per the scheme guidelines. The Grant-in-Aid will be regulated in accordance with the OM of Dept. of Expenditure, Ministry of Finance vide No. 1(18)/PFMS/FCD/2021 dated 9th March, 2022 (copy attached) regarding revised procedure for flow of funds under Central Sector Schemes and provisions contained in the Incubation Component of MSME Innovative Scheme. CTTC, Bhubaneswar, Odisha has been nominated as CNA vide letter No. 41(1)/Budget/MSME Champions/2021 dated 27.06.2022 for Incubation Component of MSME Innovative Scheme of MSME Champions Scheme (copy of the order enclosed for reference). CTTC, Bhubaneswar shall strictly follow the roles and responsibility as mentioned in the aforesaid O.M. The


funds released are also subject to the provisions contained in Chapter 9 of the General Financial Rules, 2005, as amended from time to time, read with the Government of India's decisions incorporated there-under and any other guidelines which may be issued in this regard and in particular to the following conditions:

- i) CTTC, Bhubaneswar shall maintain CNA account of Grant-in-Aid received from the Government and utilized. In addition, a separate Bank account shall be maintained for the Government Grants under this Scheme. (The bank account should be same which was authorized for operation at the time of registration under the central plan Scheme monitoring system (CPSMS) of the Ministry of Finance).
- ii) The grant shall be utilized for the purpose of development of idea under Incubation Component of MSME Innovative Scheme as provisioned in the Scheme guideline. Further, while incurring the expenditure, austerity measures should be taken into account as issued from time to time by competent authority.
- iii) Innovative.msme.gov.in portal shall be used for uploading all relevant information by the HIs as and when required by this office under Incubation Component of MSME Innovative Scheme.
- iv) CTTC, Bhubaneswar shall maintain a register of permanent and semi-permanent assets acquired if any, wholly or mainly out of the above grant in the prescribed format and copy thereof should be furnished to this Ministry.
- v) If any capital assets created in the CTTC, Bhubaneswar, DC (MSME) will be the sole proprietor of the same. Assets acquired wholly or substantially out of Government Grant shall not be disposed of without obtaining the prior approval of the sanctioning authority of Grant-in-aid.
- vi) The accounts of CTTC, Bhubaneswar shall be open for inspection by the sanctioning authority and audit, both by the Controller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 in accordance with the provisions laid down in Section 14 of the C&AG (DPC 1971) as amended from time to time and Internal Audit party of the Principal Accounts Office of the Ministry of Micro, Small & Medium Enterprises (MSME), whenever it is called upon to do so.
- vii) The grantee shall submit the Utilization Certificate in the prescribed form GFR-12 duly signed by the Head of the Institution/ Grantee latest by 31.03.2023. The utilization certificate in respect of grants should also disclose whether the specified, quantified and qualitative targets that should have been reached against the amount utilized were in fact reached, and if not, the reasons therefor furnished by concerned HI.
- viii) CTTC, Bhubaneswar shall furnish an Audited Statement of Accounts of the financial year before 30.04.2023 also indicating separately Activity-wise and Head-wise expenditure.
- ix) Grant-in-Aid shall be utilized subject to the Economy and other Instructions issued from time to time by the M/o Finance or by the Competent Authority.
- x) CTTC, Bhubaneswar shall certify that the utilization certificates due for submission for the Grants-in-aid sanctioned in the previous year's containing all the relevant details under GFR 212(1) have been submitted to the satisfaction of the Ministry of MSME.
- xi) CTTC, Bhubaneswar shall adhere to all the relevant provisions of GFR and any other instructions/ guidelines issued by the Government from time to time, while making procurement/ purchases of goods and services including compliance to GFR provisions in case of out-sourcing of services and engagement of consultants.
- xii) CTTC, Bhubaneswar has been exempted from execution of the bond. CTTC, Bhubaneswar shall, however, furnish an undertaking that it will comply with all the terms and conditions stipulated in the sanction order.
- xiii) CTTC, Bhubaneswar should send pre-receipted bill and undertaking to agree to the terms & condition of this sanction (in triplicate) to this Ministry for payment of the amount drawn against this sanction.

- xiv) In no case the grant released under this sanction will be utilized for any purpose other than those indicated in the sanction. The grantee shall not divert the grants and entrust execution of the Scheme or work concerned to another Institution or Organization and shall abide by the terms & conditions of the grant and follow/ adhere to all the relevant provisions of GFR regarding Grants in aid. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned or does not adhere to the terms & condition of Grant and GFR provisions, the grantee/Institution shall be required to refund the grant with interest @10% per annum, if any.
- xv) CTTC, Bhubaneswar will send the detailed progress report of for fund utilized by HI
- xvi) CTTC, Bhubaneswar may use the fund as prescribed in the Scheme guidelines of Incubation component of MSME Innovative Scheme relating to development of ideas. The expenditure under the sanction is maximum, saving if any, will be surrendered to the Govt. of India.
- xvii) The grantee institution shall not utilize the interest earned if any on the recurring/non-recurring grants-in-aid released to the institution for any purpose. The interest earned shall be indicated in UC which can be either adjusted in next release or to be refunded to Go I after grants-in-aid sanctioned is utilized.

4. Roles and Responsibilities of Host Institutes:

- i) The expenditure shall be incurred towards Technology related Expenditure towards machine usage charges, Electricity charges, Procurement of raw material, testing/Calibration charges, other charges essential for development of idea, charges for mentor/handholding supporting team Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea. The main activities includes nurturing of innovative business ideas (new/indigenous technology, processes, products, procedures, etc.), with the expected outcome of it being commercialized into an enterprise.
- ii) The terms and conditions governing the grant will be as per undertaking executed to Government by the HIs on MIS portal. The amount released as 1st installment will be utilized in a manner that Proof of Concept (POC) of project/idea is made . The Host Institution shall maintain separate accounts of the funds received and expenditure incurred on various activities. Further, the HI would submit Annual Accounts, Audited expenditure Statement and Utilization Certificate to the Government. In case of mis-utilisation or diversion of grant sanctioned under the scheme, the HI shall be liable to refund to the President of India the whole or a part amount of the grant with interest @ of 10 % per annum thereon. Further, The Host Institution shall not utilize the interest earned on the recurring / non recurring grants –in –aid released to the institution for any purpose. The interest earned shall be indicated in UC which can be either adjusted in next release or to be refunded to GOI after grants –in-aid sanctioned is utilized.
- iii) The time limit for Completion of ideas through Host institute is preferably one year until and unless some valid justification is given for extension of the time limit The Executive Head shall submit Quarterly Progress Report of the Business Incubator to this office. The consolidated report on the final outcome of such incubation along with the report of mentor/guide about the quality of the work done, its cost effectiveness, tangible gains (quantitative) likely to be achieved, etc., is also to be submitted immediately after completion of the work.


श्रीधर कुमार / SHRIDHAR KUMAR
संयुक्त निदेशक / Joint Director
सर्वोच्च मंत्रालय / Govt. of India
उद्योग, वसाई एवं प्रवर्धन विभाग, नई दिल्ली
Ministry of Micro, Small & Medium Enterprises
Block 20/21, 22, 23, 24, 25, 26, 27, 28, 29, 30
Office of the Joint Director (MSME)
Block 20/21, 22, 23, 24, 25, 26, 27, 28, 29, 30

- iv) Host Institutes may use the fund as prescribed in the Scheme guidelines of Incubation component of MSME Innovative Scheme relating to development of ideas. The expenditure under the sanction is maximum, saving if any, will be surrendered to the Govt. of India.
 - v) In addition to the above, the HI will have to abide by the terms & condition as given in the detailed guidelines of the scheme. Also, the office of DC (MSME) may lay down any other condition to be followed by HI as and when required.
 - vi) The expenditure incurred by the institutions shall be open to inspection by the sanctioning authority/ CAG/Chief Controller of Account (CCA), Ministry of Micro, Small & Medium Enterprises.
 - vii) The HIs shall certify that it has not obtained or applied for grants for the same purpose or activities from any other Ministry or Department of Government of India or the State Government.
5. Noted at Serial No. 03 in the Register of Grants.
 6. Sh. P.V Suresh Babu, DDO of the office of DC (MSME) will act as Drawing and Disbursing Officer for this sanction.
 7. The progress of the scheme would be monitored by the PMAC, O/o DC (MSME).
 8. The expenditure involved is debit to the Budget Allocation under Demand No. 68 Ministry of Micro, Small & Medium Enterprises (MSME) under Technology Up gradation and Quality Certification (MSME Champions Scheme) for FY 2022-23. Details are as under:

(i)	Major Head	2851.00.102.95	Village & Small Industries
(ii)	Object Head	95.04.31	GIA-G
(iii)	BE MSME CLCS-TUS Champions Scheme)	34.39 Cr.	-
(iv)	Present sanction/release	20.57 Cr.	-

9. The CNA bank details of the Central Tool Room & Training Centre, Bhubaneswar for making payment are as below :

Name of the CNA	Name of Bank where A/c of Org. Held	Address/Code of Bank Branch	Saving Bank A/c No. of CNA	MICR Code and IFSC Code
Central Tool Room & Training Centre	State Bank of India	Infocity Branch, Bhubaneswar	41141047045	MICR-751002030 IIFC NO. - SBIN0010133

10. There is no pending UC with CTTC, Bhubaneswar under "MSME Innovative Scheme

11. This issues with the approval of Integrated Finance Wing vide their Dy. No. 64/2022-23/IFW-II dated 16.08.2022.


(Rakesh Kumar)
Joint Director

Encl: As above.

Copy To,

राजेश कुमार / RAKESH KUMAR
सहायक निदेशक / Joint Director
सर्वोच्च न्यायालय / Govt. of India
उद्यम, सूक्ष्म, मध्य, एवं बड़े उद्यम क्षेत्र, भारत सरकार
Ministry of Micro, Small & Medium Enterprises
भारत सरकार (उ. म. एवं म. उद्यम) विभाग
Office of the Joint Director, MSME
एन.ए. नं. 64/2022-23/IFW-II दिनांक 16.08.2022

1. General Manager, Central Tool Room & Training Centre, B-36, Chandaka Industrial Area
Bhubaneswar-751024
2. The Drawing & Disbursing Officer, Office of DC (MSME), New Delhi.
3. B&A Section, Office of DC (MSME), Nirman Bhawan, New Delhi.
4. Budget Division, Office of DC (MSME), Nirman Bhavan, New Delhi.
5. Principal Director of Audit, Economic and Service Ministry, AGCR Building, IP Estate, New Delhi.
6. Under Secretary, IFW, Ministry of MSME, Nirman Bhavan, New Delhi.
7. PS to JS (AFI)/ PS to Director (T&P). Ministry of MSME, Udyog Bhawan, New Delhi.
8. SENET Division with the request to upload on DC (MSME) website. .
9. All MSME -DFOs
10. Guard File.



(Rakesh Kumar)
Joint Director

रक्षित कुमार / RAKESH KUMAR
जॉइंट डायरेक्टर / Joint Director
भारत सरकार / Govt. of India
विभाग, संकट, सूक्ष्म व मझिम उद्योग विभाग
Ministry of Micro, Small & Medium Enterprises
भारत सरकार (ए. ए. ए. नं. १०१) नए दिल्ली
Office of the Joint Director, MSME
एड्रेस कार्यालय, नई दिल्ली-११०००१/कक्षा संख्या, बॉक्स-११०११

Annexure-A

List of 257 Ideas approved under Incubation Component of MSME Innovative Scheme

S. No	Institute Name	State	Incubatee Name	Incubatee Category	Title of proposed idea/ innovation	Total project cost (Rs. In lakh)	Amt GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)	Amount to be released as 1st Installment (70% of GoI sanction amount)
1	Mahendra Engineering College	Tamil nadu	Sivakumar Ponmalai	Entrepreneurs/MSME	Design and Fabrication of Automatic Poultry Feeder Cum Egg Collector Using AI	12.000	10.200	1.800	7.140
2	St. Josephs Institute of Technology	Tamil nadu	Gnana Kousalya C	Start Up /Employed/Others	Passageway Devices of Fishing Vessels	12.500	10.625	1.875	7.438
3	Adi Shankara Institute of Engineering And Technologyk	Kerala	Manju Suresh	Start Up /Employed/Others	Asegurar Vida (Low cost egg sorting machine for hatcheries)	30.000	12.750	17.250	8.925
4	Hindusthan College of Engineering and Technology	Tamil nadu	Jayanthi S	Entrepreneurs/MSME	Smart Coconut Harvesting Device	12.500	10.625	1.875	7.438
5	Kasegaon Education SocietysRajarambapu Institute of Technology	Maharashtra	OmkarMurlidharMirajkar	Student	Advanced poultry raking and manure collection machine	5.800	5.800	0.000	4.060
6	International Crops Research Institute for the Semi Arid Tropics	Telangana	Varsha Yogesh Bhole	Entrepreneurs/MSME	AI/ML-based Fruit Quality Evaluation and Shelf-Life Prediction System through Contactless and Non-destructive Approach	15.000	12.750	2.250	8.925
7	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Gawande Yogesh Rajendra	Entrepreneurs/MSME	Soybean Reaper Collector	20.000	12.750	7.250	8.925
8	karpagam college of engineering	Tamil nadu	Bharanidharan S	Student	Fabrication of Bio-Based Films from Plant	15.000	15.000	0.000	10.500

					Mucilages for Food Preservation				
9	KIT College of Engineering, Autonomous, Kolhapur	Maharashtra	Sangram Vikas Patil	Entrepreneurs/MSME	Sugarcane Planting Machine	14.000	11.900	2.100	8.330
10	Velammal Institute of Technology	Tamilnadu	Dinesh Kumar Chandhrasakaran	Entrepreneurs/MSME	Long Endurance Battery Operated Agriculture Spray Drone	12.500	10.625	1.875	7.438
11	Ramco Institute of Technology	Tamilnadu	Santhana Maruthu Pandian Maruthapan	Start Up /Employed/Others	MUSA-Holder (To protect Banana Trees from heavy winds)	12.875	10.943	1.931	7.660
12	Banasthali Vidyapith	Rajasthan	Maitree Bharat Dedhia	Entrepreneurs/MSME	Portable scanning device for non-destructive, early, instant and high precision detection of stem borers in grapes.	15.000	12.750	2.250	8.925
13	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Ganduri Venkata Siva Ramakrishna	Start Up /Employed/Others	Agro-industrial residues utilization for economical production of Levam biopolymer	15.000	12.750	2.250	8.925
14	Prathyusha Engineering College	Tamilnadu	Krishnamoorthy R	Start Up /Employed/Others	Autonomous Fruit Plucking Drones using Deep learning Techniques	20.000	12.750	7.250	8.925
15	ICAR-Central Research Institute for Jute and Allied Fibres	West bengal	PiyaliDey	Student	Development of fire retardant jute fibre by nano-coating	15.000	15.000	0.000	10.500
16	Sethu Institute of Technology	Tamilnadu	S Siva RanjaniSankar Ganesh	Start Up /Employed/Others	Automated Bagging Machine for the Oyster Mushroom Cultivation	15.000	12.750	2.250	8.925

Handwritten signature

DR. P. S. SURESH KUMAR
 Director
 Director, ICAR-CRIJAF
 ICAR-CRIJAF
 Ministry of Science, Culture & Higher Education
 Government of India
 New Delhi, India

F7	Bangalore Bioinnovation Centre	Karnataka	Ganesh Venkatraman Bhat	Entrepreneurs/MSME	Novel Bio-Process Development for the Isolation of Biomolecules from the unexplored Arecanut Wash Liquid	15.000	12.750	2.250	8.925
18	Bangalore Bioinnovation Centre	Karnataka	Rama Rao Kotapally	Entrepreneurs/MSME	MYCELIUM BASED BIOMATERIALS AND PACKAGING MATERIALS	15.000	12.750	2.250	8.925
19	Sengunthar Engineering College	Tamilnadu	S Lakshmi Priya	Start Up /Employed/Others	Nanowizard - Herbal Nanovesicles Based Bio Fertiliser For Agricultural Applications.	15.000	12.750	2.250	8.925
20	Sri Krishna College of Technology	Tamilnadu	Haripriya Pachamuthu	Student	Fish Feeding and Disease Prediction System using Machine Learning	8.500	8.500	0.000	5.950
21	Kalasalingam Academy Of Research And Education	Tamilnadu	Murugeswari Ananthakumar	Start Up /Employed/Others	Smart IoT Based Mushroom Cultivation and Edibility Prediction	15.000	12.750	2.250	8.925
22	Jerusalem College of Engineering	Tamilnadu	Santhanakrishnan Ramakrishnan	Start Up /Employed/Others	Design and Implementation of ECO friendly GPS based fully automatic seed sowing machine	15.000	12.750	2.250	8.925
23	Banasthali Vidyapith	Rajasthan	Saumya Rawat	Entrepreneurs/MSME	Rapid soil testing and fertilizer recommendation powered by AI	15.000	12.750	2.250	8.925
24	Visva-Bharati University	West Bengal	Piyali Dey	Student	Development of nano-sulphur for controlling yellow mite in different crops	15.000	15.000	0.000	10.500

Ahmad

M
 राकेश कुमार / RAKESH KUMAR
 सहायक निदेशक / Joint Director
 शिक्षा विभाग / Govt. of India
 एन.पी. २०१, १०१, १०१०१, १०१०१
 Ministry of Education, Government of India
 New Delhi, India
 110001, India

25	Kuppam Engineering College	Andhra pradesh	J Bhavyasri	Student	GreenDoctor A Reliable Food Toxic detector.	15.000	15.000	0.000	10.500
26	St Josephs College of Engineering	Tamil nadu	Sivaranjan i G	Student	Saffron cultivation using assorted modern techniques	8.750	8.750	0.000	6.125
27	Adhiyamaan College of Engineering	Tamil nadu	M Sonali	Start Up /Employe d/Others	Auto Irrigation, Soil Monitoring and Control for Better Crop Yield and Soil Quality	15.000	12.750	2.250	8.925
28	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	Tamil nadu	C Subaraj	Start Up /Employe d/Others	Sustainable Design and Development of Extraction with Palmyra Palm Pulp System	7.000	5.950	1.050	4.165
29	Bangalore Bioinnovation Centre	Karnat aka	Surabhi Vasudeva n	Start Up /Employe d/Others	Bio-degradable Drinking Straws from Agricultural waste	15.000	12.750	2.250	8.925
30	Mar Ephraem College of Engineering and Technology	Tamil nadu	Anish John Paul M	Start Up /Employe d/Others	Coconut Leaf Midrib Extractor	15.000	12.750	2.250	8.925
31	GayatriVidyaP arishad College of Engineering	Andhra prades h	IlahiShaik	Start Up /Employe d/Others	Marine Macro algae - a liquid agro bio fertilizer Plant for commercializat ion.	12.000	10.200	1.800	7.140
32	Matrusri Engineering College	Telang ana	Shaikhase ena Begum	Student	Seed Planting Robot	2.500	2.500	0.000	1.750
33	Bangalore Bioinnovation Centre	Karnat aka	Sudha Ramesh Karbari	Entrepren eurs/MSM E	ProSOIL- An Onsite Soil Testing Device	15.000	12.750	2.250	8.925
34	Kakatiya Institute of Technology And Science, Warangal	Telang ana	Bargu Raghu	Student	Design and Fabrication of Reaper And Binder Machine for Leafy Vegetables	15.000	15.000	0.000	10.500

Shant

35	Rubber Research Institute of India, Rubber Board, Ministry of Commerce, Govt. of India	Kerala	JobyManjaly	Start Up /Employed/Others	Development of eco-friendly Grow-bags based on natural rubber for agri/horticultural activities	42.710	12.750	29.960	8.925
36	Velammal College of Engineering And Technology	Tamil nadu	Gobinath Arumugam	Start Up /Employed/Others	Artificial Intelligence Enabled robotic stacker for Mechanized Distribution of food grains	8.670	7.370	1.301	5.159
37	Banasthali Vidyapith	Rajasthan	Minushri Madhumita	Entrepreneurs/MSME	Dhivara Mitra - Integrated, Floatable Solar solution for Fish and Prawn Farming	18.000	12.750	5.250	8.925
38	Kalasalangam Academy of Research And Education	Tamil nadu	B.Perumal	Start Up /Employed/Others	MatsyaRakshak Multilingual IoT based Assist Device for Pisciculture farmers	15.000	12.750	2.250	8.925
39	ST. Martins Engineering College	Telangana	Konga Bharathi	Student	Development of Horticultural Manned Robot for Ripe Mango Fruit Plucking	11.000	11.000	0.000	7.700
40	Vinayaka Missions KirupanandaVairiyar Engineering College	Tamil nadu	Raja Subramani	Student	Birds and Animals Intrusion Avoidance System using IOT to reduce the crop losses in Agriculture	10.000	10.000	0.000	7.000
41	Ramco Institute of Technology	Tamil nadu	AshokkumarMariathinam	Start Up /Employed/Others	Portable Rotary Fluidized bed Heat Pump Dryer for Herbal Leaves	15.000	12.750	2.250	8.925
42	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Pooja Choudhary	Start Up /Employed/Others	IoT-AI Based Smart Irrigation System	15.000	12.750	2.250	8.925
43	GayatriVidyaParishad College of Engineering	Andhrapradesh	PragadaVenkata Vinay	Start Up /Employed/Others	Low cost manual tuber vegetable product	3.200	2.720	0.480	1.904

Ashraf

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 HANISH KUMAR
 Joint Director
 Ministry of Commerce, Govt. of India
 Ministry of Micro, Small & Medium Enterprises
 Block 10/102, 10/103, 10/104, 10/105
 Trade Wing, 10/106, 10/107, 10/108, 10/109

					cleaning machine				
44	Government Engineering College Thrissur	Kerala	AdhilSaem M	Student	Automated coconut harvester with maturity detector	18.000	15.000	3.000	10.500
45	Saveetha Engineering College	Tamil nadu	Ganapathi Durairaj	Start Up /Employed/Others	Design, Development and Field Evaluation of Power Operated Cono-Weeder for System of Rice Intensification	2.250	1.912	0.337	1.338
46	Velammal College of Engineering and Technology	Tamil nadu	Kamatchi Thirupathi	Start Up /Employed/Others	SMART CPR (Cardiac Resuscitation Device)	14.950	12.708	2.243	8.896
47	Entrepreneurship Development Institute of India	Gujarat	Prajapati Kush Kirtikumar	Start Up /Employed/Others	RedicineMedsol Smart Pill Box (IoT based pills storage)	21.200	12.750	8.450	8.925
48	Haldia Institute of Technology	West bengal	Siddhartha Samanta	Start Up /Employed/Others	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.	15.000	12.750	2.250	8.925
49	GokarajuRangaraju Institute of Engineering and Technology	Telangana	Sakhineti Mounika	Entrepreneurs/MSME	Smart Wheel chair with Robotic ARM	14.100	11.985	2.115	8.390
50	Chalapathi Institute of Pharmaceutical Sciences	Andhra pradesh	Ms Chalapathi Educational Society	Entrepreneurs/MSME	Rivaroxaban powder for oral solutions and Rivaroxaban effervescent granules to treat angina pectoris, an Ischemic heart disease drug.	26.600	12.750	13.850	8.925

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51	Indian Institute of Information Technology Nagpur	Maharashtra	Aman Dayashankar Shrivastava	Start Up /Employed/Others	Eyelink A low-cost Electrooculography-based Human-Computer Interface for patients with severe disabilities	15.000	12.750	2.250	8.925
52	Dr. Ambedkar Institute of Technology	Karnataka	Hari Priya Sumangosakan	Start Up /Employed/Others	Rapid and economical manufacturing process for carbon fiber prosthetic foot for amputees	15.000	12.750	2.250	8.925
53	Aic-Gisc Foundation, Atal Incubation Centre- Gujarat Technological University	Gujarat	Chauhan Sanjay Kumar Prakashbhai	Entrepreneurs/MSME	Hempoin - Revitalize Erythropoiesis	35.000	12.750	22.250	8.925
54	Velammal College Of Engineering And Technology	Tamil Nadu	Rajeswari P	Start Up /Employed/Others	Artificial Intelligence Enabled Assist for Visually Impaired Movements	7.650	6.503	1.147	4.552
55	Koneru Lakshmaiah Education Foundation	Andhra Pradesh	Burra V L S Prasad	Start Up /Employed/Others	Technology development for faster, cheaper and diverse single domain antibodies for disease prognostics, diagnostics and therognostics.	18.000	12.750	5.250	8.925
56	Bharath Institute of Higher Education and Research	Tamil Nadu	Angeline Raghu Babu	Start Up /Employed/Others	Trash to Treasure a Cost Effective Eco-Friendly Bioplastic from Agricultural Wastes for Use as Hospital Bed Covers	13.500	11.475	2.025	8.033
57	Indian Institute of Technology Jodhpur	Rajasthan	ThilakChakaravarthi. E	Student	Developing Endoscope Socket to provide uninterpreted endoscopic	20.000	15.000	5.000	10.500

Ahmed

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					visual field to ENT doctor for diagnosing patients with minimal discomfort.				
58	KPR Institute of Engineering and Technology	Tamil nadu	Senthil Kumar R	Start Up /Employed/Others	A Bio-Medical Device for Health Care Application Design and Development of Polylactic Acid (PLA) Polymer Based Invasive Cannula Sensor to Monitor Patients Invasive Blood Pressure (BP), Temperature, Electrocardiography	13.500	11.475	2.025	8.033
59	Institute of Pharmacy & Technology Salipur	Odisha	Sidhartha Sankar Kar	Start Up /Employed/Others	A new and improved industrially viable manufacturing process for Gabapentin	15.000	12.750	2.250	8.925
60	Inderprastha Engineering College	Uttar pradesh	Aryan Singhal	Student	The Virtual Eye for visually impaired people	15.000	15.000	0.000	10.500
61	Sharda University	Uttar pradesh	Suman latasharma	Start Up /Employed/Others	Low cost recycled biodegradable sanitary pads	5.000	4.250	0.749	2.975
62	Rathinam Technical Campus	Tamil nadu	Raman Radhakrishnan	Start Up /Employed/Others	Adhesive Non Surgical Hearing device	14.600	12.410	2.190	8.687
63	ISF College of Pharmacy	Punjab	Rohit Bhatia	Start Up /Employed/Others	Development of Electrochemical Device for Detection of Glucose levels in Human Saliva	20.000	12.750	7.250	8.925
64	GokarajuRangaraju Institute of Engineering and	Telangana	G Ramesh	Start Up /Employed/Others	AI based Action and Gesture Recognition	15.000	12.750	2.250	8.925

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	Technology				Framework for Children Diagnosed with Cerebral Palsy in children				
65	CMR Engineering College	Telangana	C Syamsundar	Start Up /Employed/Others	Novel Eco-Friendly Solid Waste Management System with Waste Heat Recovery for Rural Villages	15.000	12.750	2.250	8.925
66	Sethu Institute of Technology	Tamilnadu	A Sabah Afroze	Start Up /Employed/Others	Improved Odourless Napkin Disposal Machine	15.000	12.750	2.250	8.925
67	Amity Innovation Incubator Raipur	Chhattisgarh	Sushant Singh	Start Up /Employed/Others	Next-GEN Wound Dressings - Biocompatible, Biodegradable and Sustainable Gauze	12.000	10.200	1.800	7.140
68	Banasthali Vidyapith	Rajasthan	Urvashi Amitkumar Joshi	Start Up /Employed/Others	iGLU - Intelligent Glucose Monitoring Device	15.000	12.750	2.250	8.925
69	Shri MadhwaVadira ja Institute of Tehnology and Management	Karnataka	Sachin Sadashiv Bhat	Start Up /Employed/Others	Magnetic Surgical Sponge Detection System	11.500	9.775	1.725	6.843
70	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Sunil KulbhushanSahuji	Entrepreneurs/MSME	Device for atraumatic removal of dental crowns and bridges	9.300	7.905	1.395	5.534
71	Manipal Academy of Higher Education, Manipal	Karnataka	Mohammad Samheel	Entrepreneurs/MSME	Assistive orthosis for functional and dynamic grasp	15.000	12.750	2.250	8.925
72	AIC-GISC Foundation, Atal Incubation Centre- Gujarat Technological University	Gujarat	Patel DhruvMaheshbhai	Student	D3S Healthcare Technologies (BR-Scan Light) for the detection of breast cancer and certain breast abnormalities	23.700	15.000	8.700	10.500

Amend

73	Acharya Institute of Technology	Karnataka	Mithun Ambalal Shah	Entrepreneurs/MSME	Flushable and Biodegradable Sanitary pads	15.000	12.750	2.250	8.925
74	CMR Engineering College	Telangana	C Syamsundar	Start Up /Employed/Others	Design and Development of an Affordable Portable Ventilator System for Patient Emergency Support	15.000	12.750	2.250	8.925
75	Indian Institute of Information Technology Kottayam	Kerala	P D Varghese	Entrepreneurs/MSME	Integrated Medical Alert Communication System	15.000	12.750	2.250	8.925
76	Sethu Institute of Technology	Tamilnadu	A Sabah Afroze	Start Up /Employed/Others	Accurate classification and detection of Osteoarthritis in Knees using thermal images	15.000	12.750	2.250	8.925
77	Vishnu institute of pharmaceutical education and research	Telangana	Gowrishetty Srinivas	Start Up /Employed/Others	Development of a novel air purifier for destroying COVID, other virus, bacteria and indoor air pollutants	12.000	10.200	1.800	7.140
78	P. A. College of Engineering and Technology	Tamilnadu	Ganappriyan	Student	Design and Development of Pap Smear Collecting Smart Electronic Penis for Cervical Cancer Screening Activities	15.000	15.000	0.000	10.500
79	CMR Engineering College	Telangana	Mamidala Vijay Karthik	Start Up /Employed/Others	Solar Energy Based Rickshaw Ambulance for Remote Locations	15.000	12.750	2.250	8.925
80	KPR Institute of Engineering and Technology	Tamilnadu	Chandrabhas	Start Up /Employed/Others	Navigation Assistance Tool	14.500	12.325	2.175	8.628

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81	KPR Institute of Engineering and Technology	Tamil nadu	Satheesh Kumar Shanmugam	Start Up /Employed/Others	Modern electrophoresis device for early detection of sickle cell anaemia among the tribal communities in India	14.500	12.325	2.175	8.628
82	Sethu Institute of Technology	Tamil nadu	Seeni Mohamed AliarMaraiykkayar S M	Start Up /Employed/Others	Bionic Arm for Amputees	15.000	12.750	2.250	8.925
83	Vishnu institute of pharmaceutical education and research	Telangana	VelivelaVenkata Shiva Rajendra Prasad	Start Up /Employed/Others	Development of an affordable test kit for early detection of colon cancer and GIT disorders	13.800	11.730	2.071	8.211
84	Velammal Institute of Technology	Tamil nadu	B Sridevi	Entrepreneurs/MSME	REDPAL- A Wristwatch based assistance for old age people	9.750	8.287	1.462	5.801
85	Entrepreneurship Development Institute of India	Gujarat	Ramani Smit Sanjaybhai	Start Up /Employed/Others	DR Beat ECG Device	20.000	12.750	7.250	8.925
86	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Divyakshi Kaushik	Entrepreneurs/MSME	Portable, Compressive Technology for Rehabilitative Therapy to manage long term post injury and surgical outcomes	40.000	12.750	27.250	8.925
87	Manipal Academy of Higher Education, Manipal	Karnataka	Chithra A	Start Up /Employed/Others	Modified Maxillary dysimpaction forceps	13.800	11.730	2.070	8.211
88	P.S.R Engineering College, Sivakasi	Tamil nadu	S Kabilan	Entrepreneurs/MSME	Engineering Pichia pastoris for the production of recombinant Enterokinase	15.000	12.750	2.250	8.925
89	S J C Institute of Technology	Karnataka	Levy	Start Up /Employed/Others	Design and Development of Novel	15.000	12.750	2.250	8.925

Abhinav

					System for the Early Detection of Human Heart Failure and Precautionary Measures for Life Saving				
90	Sri Ramakrishna Engineering College	Tamil nadu	Dharmaseelan K	Student	Stress Buster for detecting and reducing mental stress automatically	17.000	15.000	2.000	10.500
91	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Burra V L S Prasad	Start Up /Employed/Others	Design and Development of HH (Healthy Healers (TM)) Foot wearables	15.000	12.750	2.250	8.925
92	Meerut Institute of Engineering and Technology	Uttar pradesh	Shalini Rana	Student	Biodegradable Diapers with Safe Wetness Indicator	18.500	15.000	3.500	10.500
93	Jharkhand Government Mini Tool Room Training Centre	Jharkhand	Shalini Mahato	Start Up /Employed/Others	Smart Depression Monitoring System	15.000	12.750	2.250	8.925
94	Prathyusha Engineering College	Tamil nadu	Shaik Abdul Subhahan	Start Up /Employed/Others	Design of I-Health Using NFC Tag for Monitoring, Storing and Accessing Patient Health Information in Single Tap	16.000	12.750	3.250	8.925
95	Sharda University	Uttar pradesh	Amit Malik	Entrepreneurs/MSME	Automatic Slide Stainer for medical diagnostic laboratories which will automate the current process of manual slide staining	15.000	12.750	2.250	8.925
96	Manipal Academy of Higher Education, Manipal	Karnataka	RudraNath Ghosh	Entrepreneurs/MSME	Production of Mesenchymal stem cell-laden hydrogel dressing (Derma-heal) for wound management.	15.000	12.750	2.250	8.925

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97	Jerusalem College of Engineering	Tamil nadu	John Jebarathin am N	Start Up /Employe d/Others	Air conditioner cum Air Sterilizer	7.500	6.375	1.125	4.463
98	ISF College of Pharmacy	Punjab	Pooja Chawla	Start Up /Employe d/Others	Synthesis of Acetaminophen (Paracetamol) in one step A novel approach	17.500	11.900	5.600	8.330
99	Ramco Institute of Technology	Tamil nadu	Arun Kumar A	Start Up /Employe d/Others	LED Powered Endo Illuminator for Vitreous Surgery	14.500	12.325	2.175	8.628
100	Rubber Research Institute of India, Rubber Board, Ministry of Commerce, Govt. of India	Kerala	Debajit Sarkar	Entrepreneurs/MSME	Development of Natural Rubber based Insoles and lining materials for artificial limbs	88.900	12.750	76.150	8.925
101	Engineering Staff College of India	Telangana	Banavathu venkatakri shnaprasad	Entrepreneurs/MSME	VR Assisted Tele-Operated Robotic Ultrasound System	9.700	8.245	1.455	5.772
102	Christ University Kengeri	Karnataka	S K Aruna	Start Up /Employe d/Others	Biodegradable Hydrogel gauze from Nano Sericin and Gelatin	21.000	12.750	8.250	8.925
103	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Ankit Vijayvargiya	Start Up /Employe d/Others	Automatic Solar Panel Cleaning Robot	15.000	12.750	2.250	8.925
104	GokarajuRangaraju Institute of Engineering and Technology	Telangana	DoggaRaveendhra	Start Up /Employe d/Others	Capacitor Clamped Boost Inverter for on-grid Solar PV Applications	15.000	12.750	2.250	8.925
105	St Josephs College of Engineering	Tamil nadu	Sharfaras J	Student	Electric Shock Accident Prevention System (E-SAPS)	12.000	12.000	0.000	8.400
106	K.S.Rangasamy College of Technology	Tamil nadu	Pasupathi V	Student	Design and Fabrication of NanoJacquard for Weaving machine	14.500	14.500	0.000	10.150

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107	International School of Management Excellence	Karnataka	MilindBalbhim Kulkarni	Start Up /Employed/Others	Biogas Generation from Floral Waste and Subsequent Quality Improvement	15.000	12.750	2.250	8.925
108	National Institute of Technology Jamshedpur	Jharkhand	Kamalkant	Student	Smart adapter for wi-fi routers with storage capacity	14.890	14.890	0.000	10.423
109	SRM Institute of Science and Technology Ramapuram Campus	Tamilnadu	jegannathannr	Student	Aluminium-Air Battery Design, Fabrication and Testing	5.000	5.000	0.000	3.500
110	CMR College of Engineering and Technology	Telangana	Merugu Suresh	Student	Campus Mobility E-Vehicle (SHHAR)	14.810	14.810	0.000	10.367
111	National Institute of Technology Jamshedpur	Jharkhand	Deepak Kumar	Start Up /Employed/Others	Automated Portable Ball Milling Machine for Nanoparticles	14.000	11.900	2.100	8.330
112	Coimbatore Institute of Engineering And Technology	Tamilnadu	VeerakumarAdaikalasamy	Start Up /Employed/Others	Development of Evacuated Tube Solar Air Collector Equipped with Wire Mesh for Direct Air Heating in Selected Agricultural Products	15.100	12.410	2.690	8.687
113	Bhilai Institute of Technology, Durg	Chhattisgarh	Parvati Thakur	Entrepreneurs/MSME	A power generating Al architectural photosynthesis glass.	15.000	12.750	2.250	8.925
114	Kalasalingam Academy of Research And Education	Tamilnadu	TheivasanthiSankar	Entrepreneurs/MSME	Lithium Sulphur Battery by Solid State Synthesis method to improve its life and performance	15.000	12.750	2.250	8.925
115	Sethu Institute of Technology	Tamilnadu	Srivarshini Sethuraman	Student	Live wire current detector from 2-5 meters(LTLC Detector)	10.750	10.750	0.000	7.525

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116	Matrusri Engineering College	Telangana	NagulShri bala	Start Up /Employe d/Others	Battery Health Management System	2.300	1.955	0.345	1.369
117	Padit Deendayal Petroleum University	Gujarat	Aditya Suraj Shukla	Entrepreneurs/MSME	Solar Pavement Green Building Material from recycled Plastic Waste	15.000	12.750	2.250	8.925
118	St Josephs College of Engineering	Tamil nadu	Venkatesh babu R	Student	Solarboat	14.000	14.000	0.000	9.800
119	IIS Deemed to be University	Rajasthan	Mahesh Chand Sharma	Start Up /Employe d/Others	Design and Development of Smart Self-Cleaning Solar Panel System	15.000	12.750	2.250	8.925
120	Hindusthan College of Engineering and Technology	Tamil nadu	Ras Mathew Yanose	Entrepreneurs/MSME	Wind Turbine (Tail Guided Vertical Axis)	14.000	11.900	2.100	8.330
121	Sipna College of Engineering and Technology, Amravati	Maharashtra	Sandeep Vinayakrao Rode	Start Up /Employe d/Others	Automatic switching system for energy transfer from solar to grid and vice versa	4.000	3.400	0.600	2.380
122	Padit Deendayal Petroleum University	Gujarat	ShaniChandrakant Pandya	Entrepreneurs/MSME	Solar Powered Drone Charging Station for the Armed forces and delivery of Courier	15.000	12.750	2.250	8.925
123	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Bharat Modi	Start Up /Employe d/Others	Controller For Mitigating, the Temperature Effect in PV Array	15.000	12.750	2.250	8.925
124	Malaviya National Institute of Technology Jaipur	Rajasthan	Sita Ram Gupta	Entrepreneurs/MSME	Wood Pyre for funerals by using cowdung, agri waste & herbs - GaumayaSami dha	15.000	12.750	2.250	8.925

125	Aarupadai Veedu Institue Of Technology, a constituent college of Vinayaka Missions Research Foundation ,Deemed to be University	Tamil nadu	Vijay Jayaraman	Start Up /Employee d/Others	Efficient Power Management System by Implementing Solid State Transformer	12.600	10.710	1.891	7.497
126	Indian Institute of Technology Indore	Madhya pradesh	Arvind Chaure	Start Up /Employee d/Others	Solar Thermal Compressor, pump and Electricity Generator	15.000	12.750	2.250	8.925
127	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	Tamil nadu	Kannan M	Start Up /Employee d/Others	Solar Tracker for Heavy Solar Collectors (Dual axis method)	12.000	10.200	1.800	7.140
128	Dr. Ambedkar Institute of Technology	Karnataka	Samarth Magod	Start Up /Employee d/Others	Solar Powered Thermoelectric Refrigerator	15.000	12.750	2.250	8.925
129	Adhiyamaan College of Engineering	Tamil nadu	Vadhirajan Achuthan	Start Up /Employee d/Others	Cloud Based distance Relay with Fault location Mapping on Google Map	14.000	11.900	2.100	8.330
130	DIT University	Uttarakhand	Mukesh Kumar Vidyarthi	Start Up /Employee d/Others	An arrangement for charge polarized exhaust gas and atmospheric air in an internal combustion diesel engine and the method thereof.	15.000	12.750	2.250	8.925
131	Ramco Institute of Technology	Tamil nadu	M Kanagasabapathy	Start Up /Employee d/Others	Cost Effective Fabrication of Hybrid Capattery with High Energy Density and Power Density as an Energy Storage Device	12.800	10.880	1.920	7.616

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132	Chennai Institute of Technology	Tamil nadu	M Kayalvizhi	Start Up /Employed/Others	Novel mass screening Retina Imaging for Severity detection of Alzheimers using Deep learning methods	15.000	12.750	2.250	8.925
133	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Prakash Kodali	Start Up /Employed/Others	Smart Electronic Handheld Device for Non-Invasive Drug Delivery	15.000	12.750	2.250	8.925
134	Haldia Institute of Technology	West bengal	Hrshikesh Ray	Start Up /Employed/Others	Agri-Tech (SaaS) Platform provides online space booking for Logistics supply chain with Storage management.	15.000	12.750	2.250	8.925
135	National Institute of Technology Srinagar	Jammu and kashmir	Dinesh Kumar Rajendran	Start Up /Employed/Others	buoyancy force with the object designed to keep the cycle floating over the water.	15.000	12.750	2.250	8.925
136	Sphoorthy Engineering College	Telangana	Sushant Kumar Tiwari	Start Up /Employed/Others	Protective Face Shield for Municipal Corporation Workers	15.000	12.750	2.250	8.925
137	Yeshwantrao Chavan College of Engineering	Maharashtra	Vaishali Arun Mutyalwar	Entrepreneurs/MSME	Ceiling Fan Cleaning Device	9.410	7.998	1.412	5.599
138	KPR Institute of Engineering and Technology	Tamil nadu	Gowtham Sekar	Start Up /Employed/Others	Tracking of Childs nutritional status and physical health (well-being)	5.400	4.590	0.810	3.213
139	Sagi Rama Krishnam Raju Engineering College	Andhra pradesh	Penmetsa Lakshmi Pranathi	Student	Smart Vision-Smart Glass device Designed for the blind and low vision	15.000	15.000	0.000	10.500
140	Annamacharya Institute of Technology and Sciences, Tirupati	Andhra pradesh	Shaik bar shabana	Student	E-commerce store for construction and home improvement	15.000	15.000	0.000	10.500

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					hardware products				
141	Jerusalem College of Engineering	Tamil nadu	Parameswari	Start Up /Employed/Others	Multi-Functional Blind Stick for Visually Impaired People	1.500	1.275	0.225	0.893
142	Indian Institute of Technology Indore	Madhya pradesh	Yash Bharadwaj	Entrepreneurs/MSME	CyberWarFare Labs Initiative for CyberSecurity Education (CICE)	15.000	12.750	2.250	8.925
143	Sethu Institute of Technology	Tamil nadu	Akilandeswari V	Start Up /Employed/Others	Smart Assistive Robot for Hearing Impaired Children	15.000	12.750	2.250	8.925
144	KPR Institute of Engineering and Technology	Tamil nadu	Imaya Ganesh S	Start Up /Employed/Others	A drone using Autodesk Fusion 360 Software for Disaster Mitigation and Relief	11.040	9.384	1.656	6.569
145	TKR College of Engineering and Technology	Telangana	BoddukanthiKarthik Kumar	Student	Smart Wearables for Rescuers And Victims	8.000	8.000	0.000	5.600
146	INDO Danish Tool Room	Jharkhand	Kapil Suhane	Entrepreneurs/MSME	Digitising the Waste Management Supply Chain	13.500	11.475	2.025	8.033
147	Sri Krishna College of Technology	Tamil nadu	D.Mohit Kumar	Student	Robotic arm with sensing and anti-drone technology to secure the border	14.500	14.500	0.000	10.150
148	Sri Krishna College of Technology	Tamil nadu	Vijayandharahari A P	Student	Smart Vest for Coal Mine Workers	15.000	15.000	0.000	10.500
149	M.Kumarasamy College of Engineering	Tamil nadu	Thulasimani V V	Student	Smart Charger with Charge Monitoring Capability	15.000	15.000	0.000	10.500
150	Chalapathi Institute of Engineering and Technology	Andhra pradesh	Gorantla Vishnu Sai	Student	IoT based Smart Water Quality Monitoring System	8.000	8.000	0.000	5.600

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151	Chebrolu Engineering College	Andhra pradesh	VusaRohini	Student	Aadhar controlled automated polling station with remote monitoring	15.000	15.000	0.000	10.500
152	Sri Krishna College of Technology	Tamil nadu	Dharsan	Start Up /Employed/Others	Aerial Scout - Hybrid and self-sustainable aerial drone platform with extensive endurance	16.284	11.262	5.021	7.883
153	Institute of Aeronautical Engineering	Telangana	Varanasi Sai Hrishikesh	Student	Well Being- an advanced machine learning and artificial intelligence tool to analyze and assess the state of mind of an individual	9.200	9.200	0.000	6.440
154	Vidya Jyothi Institute Of Technology	Telangana	R Raju nayak	Student	DarzaniyaSyuta - Smart Wearable Handbag for Women Safety	10.720	10.720	0.000	7.504
155	Prathyusha Engineering College	Tamil nadu	Bhavitha D	Student	Smart IOT Embedded Wearable Gadgets for Rescue Operation	20.000	15.000	5.000	10.500
156	Ksrm College of Engineering	Andhra pradesh	GajjalaNavyaTejasree	Student	Image text to multilingual languages using smart glasses	8.000	8.000	0.000	5.600
157	Adani Institute of Infrastructure Engineering	Gujarat	SaxenaTushar	Entrepreneurs/MSME	One-Click Sprinkler technology to control fire Sprinkler manually through AUTOVOLTZ -Software- Console from any place	15.000	12.750	2.250	8.925
158	RMK Engineering College	Tamil nadu	MithunBalaji	Student	Made in And for India Freelancing Portal-To create the demand for	13.200	12.200	1.000	8.540

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MAHESH KUMAR / RAKESH KUMAR

Assistant Professor

Department of Computer Science

SRM Institute of Science and Technology

SRM Nagar, Kattankulathur, Tamil Nadu - 603 003

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					freelance job roles be able to known by every Unemployed people with their unique skills				
159	Birla Institute of Management Technology	Uttar pradesh	Gaurav Singhania	Entrepreneurs/MSME	Skillarthi-Mentoring Ecosystem for Teenagers	15.000	12.750	2.250	8.925
160	Yenepoya Deemed to be University	Karnataka	Vivek Ghate	Start Up /Employed/Others	Localized Delivery of Cyclosporine-A to Cause Thickening of the Peri-Implant Mucosa during the Placement of Dental Implants	13.000	11.050	1.950	7.735
161	M.Kumarasamy College of Engineering	Tamil nadu	Jeyaganesh Kumar Kailasam	Start Up /Employed/Others	J.A.R.V.I.S Virtual Assistant for the Divyangjan	1.960	1.666	0.294	1.166
162	Anurag Group of Institutions	Telangana	R Naga Swetha	Start Up /Employed/Others	Secure Savers-Monitoring Adulteration and Pilferage of Petroleum Oil tankers and logistic service	18.065	12.325	5.740	8.628
163	Process and Product Development Centre, Agra	Uttar pradesh	Afnan Siddique Javed Mohd Shafi	Entrepreneurs/MSME	Carbon Block-Cement Free Solid and Paver Block Made from carbon emissions.	15.000	12.750	2.250	8.925
164	REVA University	Karnataka	Chinnayya Math	Entrepreneurs/MSME	Ni-The Smart Manhole Monitor	50.000	12.750	37.250	8.925
165	Malla Reddy Engineering College	Telangana	Ganesh Rao Duddu	Student	Develop a smart application to monitor the health of roads and trigger the reports to concern authorities for maintenance.	16.500	15.000	1.500	10.500
166	Indian Institute of Science	Karnataka	Vummadisetty Praveen	Entrepreneurs/MSME	Development of a low cost small satellites	15.000	12.750	2.250	8.925

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			Naidu		(NPHSAT SYSTEMS PVT LTD) - designing, research and development of new Printed Antennas used for Small Satellites such as CanSat, CubeSat etc, and also for portable advanced wireless communication applications				
167	Kasegaon Education SocietysRajarambapu Institute of Technology	Maharashtra	Priyanka Rajesh Bamane	Student	Analysis of Solid Waste and Potential Scope for Refused Derive Fuel in Islampur City	96.790	15.000	81.790	10.500
168	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Ashutosh Rajesh Bhattad	Start Up /Employed/Others	Sodium Chloride Quick Charging Battery-design and develop the sodium battery were to make a cheap or cost effective batteries	16.000	12.750	3.250	8.925
169	Jharkhand Government Mini Tool Room Training Centre	Jharkhand	Saket Kumar	Entrepreneurs/MSME	OAS Well Drinking Water Purifier- to design a 'new generation domestic water purifier', using the novelties of OaÅ'S media, to avail 'Pure, Safe, and Healthy drinking water' in the households, at the low cost, irrespective of availability of electricity	15.000	12.750	2.250	8.925

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राजेश कुमार / RAKESH KUMAR
 Director / Joint Director
 Ministry of Skill Development & Entrepreneurship
 Government of India
 Ministry of Skill Development & Entrepreneurship
 Government of India
 Office of the Joint Director
 Ministry of Skill Development & Entrepreneurship
 Government of India

170	Guru Gobind Singh College of Pharmacy	Haryana	Ashwani Kumar	Start Up /Employed/Others	Laboratory condensor waste water recycling unit - recycling of the water and avoid unnecessary water wastage	7.000	5.950	1.050	4.165
171	Association of Lady Entrepreneurs Of India	Telangana	NamrataDhananjay Deo	Start Up /Employed/Others	KAWAK - The Biodegradable Packaging-developed a biodegradable, organic and sustainable solution from agricultural waste that can replace Styrofoam in various applications	20.000	11.050	8.950	7.735
172	TKR College of Engineering and Technology	Telangana	Perike Enosh	Start Up /Employed/Others	Unmanned surface vehicle for defense and civilian application - to built a vessel which will not come to the shore again which only transmit required by surveillance	20.000	12.750	7.250	8.925
173	Haldia Institute of Technology	West bengal	Radharani Das	Start Up /Employed/Others	Production of SiO ₂ Nano Powder from Rice Husk (Crop Residue) for its Industrial Uses Waste to Wealth	15.000	12.750	2.250	8.925
174	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Dixit Mihir Pareskumar	Entrepreneurs/MSME	Infrared Pyrolysis Process-converts any type of solid waste directly to non toxic air.	19.970	8.500	11.470	5.950

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					color conductivity in real time				
179	Haldia Institute of Technology	West bengal	Mukeshl NGH	Start Up /Employed/Others	Development of nano-composite film as a packaging material enhancing shelf-life and sensing microbial contamination of cut vegetables and fruits	15.000	12.750	2.250	8.925
180	Jerusalem College of Engineering	Tamil nadu	S Prabakaran	Entrepreneurs/MSME	Unmanned Aquatic Drone -Underwater drones are used for underwater inspections of ships, pipelines and aquaculture. Underwater drones have huge potential in military applications.	11.000	9.350	1.650	6.545
181	Mahakal Institute of Technology, Ujjain	Madhya pradesh	Jitendra Singh Choudhary	Start Up /Employed/Others	Low Cost Waste Water Recycling Machine Shuddham -to recycle the waste water in bathroom in without any modification in bathroom and house	15.000	12.750	2.250	8.925
182	Indian Institute of Information Technology Kottayam	Kerala	P Victor Paul	Start Up /Employed/Others	AutoHire - An AI-Based Automated Technical Interview Solution - Create a web-based solution to conduct virtual technical interviews with the candidates, To evaluate the	15.000	12.750	2.250	8.925

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					interview using AI without any human intervention				
183	Vels Institute of Science, Technology and Advanced Studies	Tamil nadu	Brindha Devi P	Start Up /Employe d/Others	Sustainable Use of Fruit and Vegetable waste to Enhance Food Packaging Performance	15.000	12.750	2.250	8.925
184	Sagi Rama Krishnam Raju Engineering College	Andhra prades h	Vendra Sri VenkataV eerannaNe clesh	Student	Underwater drone for welding - perform underwater inspection and repair of pipelines, underwater structures and vessels	3.500	3.500	0.000	2.450
185	Kongunadu College of Engineering and Technology	Tamil nadu	Sasikala Rajesh	Entrepren eurs/MSM E	A Novel Process for recycling Post-Consumer PLA (Poly Lactic Acid) Waste for Sustainable Production of Methyl Lactate by catalytic Methanolysis.	24.920	12.750	12.170	8.925
186	KSRM College of Engineering	Andhra prades h	Lakkiredd ySaiprana varshitha	Student	Self Powered GPS Tracker - self powered intelligent GPS tracking system is proposed and designed for the purpose of vehicle tracking and road surface monitoring	6.000	6.000	0.000	4.200
187	Sethu Institute of Technology	Tamil nadu	Brindha	Student	BIOPOLYME R FOR ECOFRIENDL Y BAGS - Water-soluble bags are made from a derivative composed of polyvinyl alcohol (PVA)	11.000	11.000	0.000	7.700

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					and organic plastics (water-soluble synthetic polymer) which dissolve in contact with water				
188	IIS Deemed to be University	Rajasthan	Sudip Roy	Start Up /Employed/Others	A Processed Digested Plastic (PDP) Composition to create building materials, by managing waste plastic, and a manufacturing process thereof.	15.000	12.750	2.250	8.925
189	Rungta College of Engineering and Technology	Chhattisgarh	A. Gyanesh Kumar Rao	Start Up /Employed/Others	Protective Truck / Bus Hoods by (GWS Defence) -the backing material for add on armor to create additional support on High Nitrogen Steel via zeolite and agro-based ballistic to resist bullets, explosions heavy loads of boulder rocks during Avalanche and Land Slides	49.500	12.750	36.750	8.925
190	G.L. Bajaj Institute of Technology and Management	Uttar Pradesh	Pawan Kumar Gupta	Start Up /Employed/Others	Air purification and air conditioning by liquid mechanism.	10.100	8.585	1.515	6.010

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191	Prathyusha Engineering College	Tamil nadu	jayaseelan	Start Up /Employee d/Others	Cost Effective and Quickly Deployable Hybrid Composite Shelter - focuses on the material design of hybrid glass/Kevlar fiber reinforced polymer (FRP) composites that will be suitable for fabricating panels for the construction of emergency medical shelters	22.000	12.750	9.250	8.925
192	CMR Engineering College	Telangana	C Syamsund ar	Start Up /Employee d/Others	Establishing Hybrid Hydrodynamic Assisted with Acoustic Cavitation Water Treatment Facility for High-Quality Drinking Water	15.000	12.750	2.250	8.925
193	Chennai Institute of Technology	Tamil nadu	Partheeban	Start Up /Employee d/Others	Cost Effective and Quickly Deployable Hybrid Composite Shelter - focuses on the material design of hybrid glass/Kevlar fiber reinforced polymer (FRP) composites that will be suitable for fabricating panels for the construction of emergency medical shelters	15.000	12.750	2.250	8.925
194	MM College of Pharmacy	Haryana	Neerabatra	Start Up /Employee d/Others	An Automated Car Window Opening System on Detection of	14.750	12.538	2.213	8.777

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					Carbon Monoxide				
195	IIM Nagpur	Maharashtra	Priyanka Ankush Gupta	Start Up /Employed/Others	Nutraceutical formulations as antioxidant rich daily food supplements containing probiotics and medicinal herbs improving the immunity and possessing anticancer property.	15.000	12.750	2.250	8.925
196	Bharati Vidyapeeth Deemed to be University College of Engineering, Pune India	Maharashtra	AniketPrabhakarDandge	Entrepreneurs/MSME	Developing low cost advance mechanism for road maintenance by using techniques of road recycling	15.000	12.750	2.250	8.925
197	Velammal College Of Engineering And Technology	Tamilnadu	BabuKarupiah	Start Up /Employed/Others	Lifesaving IoT based hazardous gas monitoring and drainage block detection system to prevent manual scavenging.	15.000	12.750	2.250	8.925
198	Sri Ramakrishna Engineering College	Tamilnadu	Jeevika Krishnan	Student	IoT based coal mine safety and health monitoring system using lora	15.330	15.000	0.330	10.500
199	Padit Deendayal Petroleum University	Gujarat	Aditya Suraj Shukla	Entrepreneurs/MSME	Composite Road Slab (Modular Smart Road) - Air purifier paver block leads to minimization of air pollution that hereby decreases the harmful effects of those gases to a certain extent by photocatalysis	15.000	12.750	2.250	8.925

200	Adhiyamaan College of Engineering	Tamil nadu	Baaladhin esh A	Start Up /Employed/Others	Solar Membrane Distillation - Solar based Membrane distillation works on the principle of temperature and vapor pressure difference i.e., Membrane distillation is a thermal driven separation process.	12.000	10.200	1.800	7.140
201	Indian Institute of Science	Karnat aka	Nitin Krishnan	Start Up /Employed/Others	Colwho - Electric powered modern sugarcane juice cart	9.655	8.207	1.448	5.745
202	Padmabhooshan Vasantnada Patil Institute of Technology	Maharashtra	Satishshan karraokulkarni	Start Up /Employed/Others	Development of low cost PCB depopulation machine - The Unit uses modern techniques of heating which is not available in market. Also the localized heating enables saving of some useful components on the PCB for reuse.	5.500	4.675	0.825	3.273
203	I.T.S Engineering College, Greater Noida	Uttar pradesh	Jeevesh Gupta	Start Up /Employed/Others	Continuously Variable Generator with Electro-Mechanical Synchronization (CV Gen with EM Sync) - Feedback based optimization of fuel consumption according to the load	10.500	8.925	1.575	6.248

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208	ST. Martins Engineering College	Telangana	Patil Snehalatha	Start Up /Employed/Others	Economical Design of the Slab by Using HDPE Balls - Bubble Deck slab is one of these techniques which reduce the volume of concrete in a structure or structural element by introduction of High Density Polyethylene (HDPE).	8.750	7.438	1.313	5.207
209	INDO Danish Tool Room	Jharkhand	Bhogesh Kumar	Entrepreneurs/MSME	Design Development of System entitled- Miners-Rescuer-System (MRS) for Underground(U/g)- Mines.	16.000	12.750	3.250	8.925
210	Malaviya National Institute of Technology Jaipur	Rajasthan	Rishi Aditya Sharma	Entrepreneurs/MSME	An Autonomous Hybrid CNC Marble Milling-cum-chipping Machine for Marble Sculpture Manufacturing	15.000	12.750	2.250	8.925
211	Kakatiya Institute of Technology And Science, Warangal	Telangana	Veerati Raju	Start Up /Employed/Others	Real time parking space identification using Computer vision in Smart cities	16.400	12.750	3.650	8.925
212	Madanapalle Institute of Technology and Science	Andhra Pradesh	Mahesh GB	Start Up /Employed/Others	Manufacturing of Green Leather from Coconut Water	15.500	11.900	3.600	8.330
213	QIS College of Engineering and Technology	Andhra Pradesh	Madduri Chandrasekhari	Student	A SMART HELMET	5.000	5.000	0.000	3.500

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 Room 1012 of South-West Wing, 1st Floor, 10/12/2019

214	GokarajuRangaraju Institute of Engineering and Technology	Telangana	Phaneendra Babu Bobba	Entrepreneurs/MSME	Design of Smart Inter Operable Charging System for Electric Vehicles	36.500	11.900	24.600	8.330
215	Haldia Institute of Technology	West bengal	PijusKanti Khatua	Start Up /Employed/Others	Low cost composite toilet door using renewable fast growing cellulose material jute and bamboo with thermo-setting resin adhesive	15.000	12.750	2.250	8.925
216	Haldia Institute of Technology	West bengal	TarunKanti Jana	Start Up /Employed/Others	Development of Cyber Physical Machine Tool-development of Cyber Physical Machine Tool (CPMT) which would be utilized in Cyber Physical Production System (CPMT) in tune with the Industry 4.0	15.000	12.750	2.250	8.925
217	Velammal College of Engineering And Technology	Tamil nadu	Aathi J	Student	EGG CLEAVER -an automated machine that helps in breaking the eggs and separating the yolk and albumen	14.000	14.000	0.000	9.800
218	Chennai Institute of Technology	Tamil nadu	Yuvaresh Chandrasekaran	Start Up /Employed/Others	FUSI(Filament Utilization System) - Recycled 3-D printed filaments.- Recycle of 3-D printed waste for reuse in 3D printing.	15.000	12.750	2.250	8.925

219	Chennai Institute of Technology	Tamil nadu	kodavatisu manth	Entrepreneurs/MSME	Hydrogen powered electric Vehicle	15.000	12.750	2.250	8.925
220	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Kishore Bodagala	Entrepreneurs/MSME	AI-based Portable Track Geometry Measurement System - Railway track defect detection	22.000	12.750	9.250	8.925
221	Adhiyamaan College of Engineering	Tamil nadu	G Yogesh	Start Up /Employed/Others	Smart Sensing Technique for Health Monitoring of Existing Bridges	15.000	12.750	2.250	8.925
222	Kings Engineering College	Tamil nadu	Saravanan Ilangovan	Entrepreneurs/MSME	Food Processing in Transportation using Phase change Material (PCM) Technology	15.000	12.750	2.250	8.925
223	GIET University	Odisha	SambitSahoo	Entrepreneurs/MSME	Banking National Security and Governance with Biocode - It is a combination of 8 complex biometrics, integrated software system, AI/ML, block chain and big data analytics to map an individuals identity for making a secure financial transactions without mobile, cards, OTP, PIN, password etc.	15.000	12.750	2.250	8.925
224	REVA University	Karnataka	N Suraj	Entrepreneurs/MSME	Manhole Sewer Pipe Cleaning Robot	15.000	12.750	2.250	8.925
225	Haldia Institute of Technology	West bengal	Swati Ray	Start Up /Employed/Others	Development of Food colors and dyes utilizing waste	15.000	12.750	2.250	8.925

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					flowers				
226	Indian Institute of Science	Karnataka	Sakthikumar	Entrepreneurs/MSME	On-Orbit Refueling for Satellites	11.400	9.690	1.710	6.783
227	Sri Sri University	Odisha	Ayush Sharma	Start Up /Employed/Others	Plant-Based Meat Alternative. To eliminate animals birds from the food supply chain but not compromise on the taste, texture functional benefits of meat.	15.000	12.750	2.250	8.925
228	Ramco Institute of Technology	Tamilnadu	Manohar J	Start Up /Employed/Others	Fastener Free Pipe Clamp - Replacing the Process of Hammering Screw With our Fastener Free Pipe Clamp	15.000	12.750	2.250	8.925
229	National Engineering College	Tamilnadu	A Saravanas elvan	Start Up /Employed/Others	An Intelligent Device to classify organic and non organic fruit and vegetable items using Non - Destructive Infrared Thermography Technique	9.000	7.650	1.350	5.355
230	Ramco Institute of Technology	Tamilnadu	Pavithran P	Start Up /Employed/Others	Multipurpose Wheel chair	1.828	1.554	0.274	1.088
231	Government Engineering College Thrissur	Kerala	Rosemary Benny	Student	Namaste - The No Waste App	50.000	15.000	35.000	10.500
232	Sethu Institute of Technology	Tamilnadu	Venkat M	Student	Tyre Pressure Regulator - it fills air in the tyre of the vehicle in both static and dynamic condition. So no need to stop vehicle in any	15.000	15.000	0.000	10.500

					unsafe area				
233	Sri Eshwar College of Engineering	Tamil nadu	K Prabhu	Student	Exterior wall painting machine	13.000	13.000	0.000	9.100
234	Surya Group of Institutions - School of Engineering and Technology	Tamil nadu	M Sankar	Start Up /Employed/Others	Fabrication of Light Weight Magnesium Nano Composite Material for Automobile and Aerospace Applications	7.850	6.672	1.178	4.670
235	Velammal College of Engineering and Technology	Tamil nadu	Jothivignesh Ramamoorthy	Student	PORTABLE TOOL HOLDING DEVICE FOR FRICTION WELDING MACHINE - to design a tool holding device which simplifies the work and improve the accuracy of the welding.	1.460	1.460	0.000	1.022
236	Sharda University	Uttar pradesh	Anurag Sharma	Entrepreneurs/MSME	Rare Earth Magnet free traction motor for Electric Vehicles	15.000	12.750	2.250	8.925
237	National Institute of Technology Jamshedpur	Jharkhand	BasantaBhowmik	Start Up /Employed/Others	A prototype of titania nanostructured based room temperature alcohol sensor	9.150	7.777	1.372	5.444
238	VallurupalliNageswara Rao VignanaJyothi Institute of Engineering and Technology	Telangana	Prakash Kodali	Start Up /Employed/Others	Screening of Salt Tolerance in Plants using Internet of Things and Machine Learning	18.000	12.750	5.250	8.925
239	IIMT University Meerut	Uttar pradesh	Ajay Partap Singh	Start Up /Employed/Others	STEERING CONTROLLED HEADLIGHT- two headlights for any vehicle, one is moveable with steering and	14.200	12.070	2.130	8.449

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					another will be fixed and give the front visibility				
240	Inderprastha Engineering College	Uttar pradesh	Ankur Kumar Kushwaha	Student	TripPay - paying the fare in autorickshaws by using NFC. (Near Field Communication)	12.000	12.000	0.000	8.400
241	Velammal Institute of Technology	Tamil nadu	Giri J	Entrepreneurs/MSME	AUTOMATIC VIBRO POLISHING SYSTEM - a technique for automating the mechanical and chemical finishing of diverse shaped items	13.415	11.403	2.012	7.982
242	IIMT University Meerut	Uttar pradesh	Sandeep Kumar Verma	Start Up /Employed/Others	Solar Tree- an artificial solar structure that looks like sculptural trees and exists from small scale (size of a bonsai tree) to large scale (about the size of a wind turbine) power plant. It is an independent unit that produces green energy and provides a place of comfort and energy for a wide variety of services	14.700	12.495	2.205	8.747

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 Director
 Ministry of Skill Development and Entrepreneurship
 Government of India
 New Delhi

243	Sona College of Technology	Tamil nadu	AdeshVijayaraghavan	Student	Fabrication of IOT Based Hydrophobic Coating Kit using Acid Erosion Method- to manipulate IoT based system for acid etching and to promote superhydrophobic surface with greater surface finish for the material	15.000	15.000	0.000	10.500
244	Nehru Institute of Technology	Tamil nadu	Srinivasan S	Start Up /Employed/Others	Automated Items Dispenser using UPI and IoT	15.000	12.750	2.250	8.925
245	Sharda University	Uttar pradesh	sudhanshu sharma	Student	Smart Battery Management System for large Battery / EVs with Controller Area Network(CAN) , Individual Cell Monitoring and Active Balancing	15.000	15.000	0.000	10.500
246	Nandha Engineering College	Tamil nadu	Krishna Gandhi Pachappa n	Start Up /Employed/Others	Smart Solar Waste Segregation and Management System using Internet of Things	14.750	12.538	2.212	8.777
247	Mallareddy Engineering College For Women	Telangana	Kousurisai Bharathviswapavan	Entrepreneurs/MSME	Ghatak Robot - s a semi autonomous robot which is intended to operate in Counter insurgency	14.300	12.155	2.144	8.509
248	University College of Technology	Telangana	ThatiJyothi	Start Up /Employed/Others	Waste water treatment electricity production using Microbial fuel cell -to treat industrial	15.000	12.750	2.250	8.925

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					waste /organic waste and generate electricity.				
249	Dr MGR Educational and Research Institute	Tamil nadu	Jawahar Prakash M	Student	DUAL FILAMENT EXTRUDER IN 3D PRINTING WITH DUAL HOT END EXTRUSION - A dual extruder 3D printer is an FDM-type 3D printer with two extruders. Each extruder can print with a different filament material.	15.000	15.000	0.000	10.500
250	CMR Engineering College	Telangana	Ankireddy Palli Srinivasula Reddy	Start Up /Employee d/Others	Device to Improve Switching Speed and Provide Better Sensitivity at Low Frequencies	15.000	12.750	2.250	8.925
251	Association Of Lady Entrepreneurs Of India	Telangana	Jammalam adakaAma rath	Entrepreneurs/MSME	Automatic Food Cooking Machine - Buchuk	20.000	12.750	7.250	8.925
252	ST. Martins Engineering College	Telangana	Sirasala Naveen	Student	Plastic Pavement Blocks	11.000	11.000	0.000	7.700
253	Sagi Rama Krishnam Raju Engineering College	Andhra pradesh	Bhamaidi pati V N S Ss R Maheedhar	Student	Drones In Disaster Management	8.000	8.000	0.000	5.600
254	Velammal Institute of Technology	Tamil nadu	Shanmugaraj G	Start Up /Employee d/Others	A Laser stimulated touch responsive frame for non-touch screen laptops	5.500	4.676	0.826	3.273
255	K.S.Rangasamy College Of Technology	Tamil nadu	Sheeba M	Student	SAFE TECH PEN -The gadget is mainly proposed for	7.300	7.300	0.000	5.110

					women's safety used in emergency times to get rid of the intruders				
256	Madanapalle Institute of Technology and Science	Andhra pradesh	Sharwan Ram	Start Up /Employed/Others	Unmanned Aerial System for acquisition of crime evidences	9.730	8.270	1.459	5.789
257	Government Engineering College Thrissur	Kerala	Arun Thomas	Start Up /Employed/Other	Intelligent Shopping Trolley	5.000	4.250	0.750	2.975
Total						3890.982	2963.676	927.306	2074.573

Note : Funds concurred by IFW = Rs. 2074.573 Lakh

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Funds available as per BE = 2057.100Lakh

Funds released at this stage = 2057.000Lakh

Balance Fund will be released in due course of time= Rs. 17.573 Lakh .

राकेश कुमार / RAKESH KUMAR
जुनियर इंजीनियर / Joint Director
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Ministry of Health, Government of India
Phone: 011-23456789, 011-23456789, 011-23456789
New Delhi, India
Date: 12/12/2023

विकास आयुक्त का कार्यालय

(सूक्ष्म, लघु एवं मध्यम उद्यम)

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)

निर्माण भवन, राजकी मंडल, जौहन्ना आजाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

Most Urgent

By Speed Post/E-mail

No. 41(1)/Budget/MSME/Champions/2021

Dated: 27.06.2022

Subject: Nomination of Quality Council of India (QCI), New Delhi & Central Tool Room and Training Centre (CTTC), Bhubaneswar as Central Nodal Agency Accounts (CNA) for MSME Champions Scheme under M/o MSME for mandatory implementation of TSA/CNA model for release of funds – reg.

Sir,

This is with reference to the O.M from M/o Finance, D/o Exp. vide no. 1(18)/PFMS/FCD/2021 dated 9.03.2022 (*copy enclosed*) regarding revised procedure of flow of funds under Central Sector schemes. As per the OM, Central Sector Schemes having outlay of less than Rs. 500 crore, release of funds will be implemented through CNA (Central Nodal Agency) **Model-2 (scheme having outlay of less than Rs 500 crore) w.e.f. 1st April, 2022.**

2. In this connection, Competent Authority has nominated Quality Council of India (QCI), New Delhi and Central Tool Room and Training Centre (CTTC), Bhubaneswar as the Central Nodal Agency (CNA) for flow of funds under Central Sector Scheme for a component of MSME Champions Scheme with dedicated SCB Account.

3. The following Organizations are nominated as the Central Nodal Agency (CNA) Model-2 for flow of funds under central sector scheme for MSME Champions components:

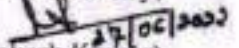
Sl. No.	Name of the components of MSME Champions Scheme	Central Nodal Agency (CNA)
i.	MSME-Sustainable (ZED)	Quality Council of India (QCI), N Delhi. <i>All IAs under ZED & Lean may be informed to open a dedicated Account with same SCB for implementation of CNA Model 2.</i>
ii.	MSME-Competitive (Lean)	
iii.	MSME-Innovative (Incubation, Design, IPR)	Central Tool Room and Training Centre (CTTC), Bhubaneswar.
	(a) Incubation	<i>All HIs/ IAs/ IPFCs under MSME Innovative Scheme may be informed to open a dedicated Account with same SCB for implementation of CNA Model 2.</i>
	(b) Design	
	(c) IPR	

3. Accordingly, QCI, New Delhi and CTTC, Bhubaneswar are requested to follow the due procedure stipulated in the said O.M. including Role and Responsibilities of CNA Model-2 (may be referred Annexure).

This issues with the concurrence of SS&FA, IFW vide dated 22.06.2022.

Encl.: As above.

Yours faithfully,


(Rakesh Kumar)
Joint Director

To,

1. Secretary General, Quality Council of India, Quality Council of India (QCI), An Autonomous Body setup by Ministry of Commerce & Industry, Government of India 2nd Floor, ICCW Building, 4-Deen Dayal Upadhyaya Marg, New Delhi – 110002. E-mail: sg@qcii.org



Contd./ -

2. The General Manager, Central Tool Room and Training Centre (CTTC), MSME Tool Room (A Govt. of India Society, Ministry of Micro, Small and Medium Enterprises), B-36, Chandaka Industrial Area, Bhubaneswar-751024. E-mail: cttc@cttc.gov.in

Copy to:

1. PPS to Secretary (MSME), Ministry of MSME, Udyog Bhawan, New Delhi.
2. PPS to SS&FA, Ministry of MSME, Udyog Bhawan, New Delhi.
3. PPS to AS&DC (MSME), O/o DC (MSME), Nirman Bhawan, New Delhi.
4. PPS to JS (AFI), Ministry of MSME, Udyog Bhawan, New Delhi.
5. PS to Chief Controller of Accounts (CCA), DPIIT, Ministry of Commerce and Industry, Udyog Bhawan, N Delhi.
6. PPS to EA Finance, Ministry of MSME, Udyog Bhawan, New Delhi.
7. PS to Director (TP&GA), Ministry of MSME, Udyog Bhawan, New Delhi.
8. Under Secretary (IF-1), IFW, Ministry of MSME, Nirman Bhawan, New Delhi.
9. Sr. Account Officer, Budget Division, PAO, MoMSME, Nirman Bhawan, New Delhi.
10. Deputy Director (Budget), Ministry of MSME, Nirman Bhawan, New Delhi.
11. Cash Section, O/o DC (MSME), Nirman Bhawan, New Delhi.
12. PAO (MSME), N. Delhi, Mumbai, Kolkata, Chennai
13. All MSME-DIs – requested to inform all HIs/IPFCs under their area.
14. All Host Institutes (HIs), IP Facilitation Centres (IPFC), Implementing Agencies (IA) – for opening bank Account in SCBs after consultation with nominated CNAs i.e. QCI, N Delhi and CTTC, Bhubaneswar.
15. SENET Division with the request to upload on DC (MSME) website.
16. Guard File.


(Rakesh Kumar)
Jt. Director

F. No. 1(18)/PFMS/FCD/2021
Government of India
Ministry of Finance
Department of Expenditure

North Block, New Delhi
Dated : 9th March, 2022

OFFICE MEMORANDUM

Subject: Revised procedure for flow of funds under Central Sector Schemes

In supersession of all previous orders issued by the Department of Expenditure, Ministry of Finance regarding release of funds under the Central Sector Schemes, the following procedure shall be followed w.e.f 1st April, 2022 by the Ministries/ Departments of Government of India for flow of funds under the Central Sector Schemes and monitoring utilization of funds released.

Model - 1 : Implementation through Treasury Single Account (TSA)

2. In case of Central Sector Schemes having annual outlay of more than Rs 500 crores and implemented without involvement of State agencies, it shall be mandatory to implement such schemes through the Treasury Single Account (TSA) model. This will ensure that the funds of these schemes are released "Just-In-Time" from the Consolidated Fund of India (CFI) to the beneficiaries/vendors. The Ministries/Departments may opt for Model-1 for other Central Sector Schemes too in consultation with RBI. For the schemes implemented through this model, the following procedure shall be followed by the Ministries/Departments:

- i. For each Central Sector Scheme, the concerned Ministry/Department will designate an Autonomous Body as the Central Nodal Agency (CNA) to implement the scheme.

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- ii. If there are other agencies involved in implementation of the scheme down the ladder, which get funds from the CNA, these Implementing Agencies (IAs) will be notified as Sub-Agencies (SAs) of the CNA.
- iii. Each CNA will open an account with the Reserve Bank of India (RBI) in e-Kuber. Even in cases where CNA is already registered in the TSA module and has a bank account in e-Kuber for some other grant, it will open separate account in e-Kuber for funds to be provided under each Central Sector Scheme.
- iv. The SAs of every CNA will also open scheme-wise bank accounts with RBI in e-Kuber in line with the requirements of para (iii) above.
- v. The relevant details of all the accounts of the CNA and SAs opened with RBI shall be mapped in the TSA module of PFMS as per the extant guidelines on TSA.
- vi. In respect of funds of Central Sector Schemes, the CNA and SAs shall not open/operate/ park funds in any other bank account except under the provisions made in these guidelines.
- vii. RBI will function as the primary banker to the Ministries/ Departments in this regard without involvement of an agency bank.
- viii. All these accounts in RBI will be "Assignment Accounts". A limit up to which expenditure can be incurred by the CNA/ sub-agencies shall be assigned to these accounts from time to time by the Pay and Accounts Office (PAO) concerned through PFMS.
- ix. Assignment will be based on an expenditure sanction issued by the Programme Division (PD) and the bill preferred by the Drawing and Disbursing Officer (DDO). The e-format of the assignments and Sub-assignments shall have requisite details required for accounting and reconciliation of transactions. The e-Kuber bank account details of the CNA/SAs shall be incorporated in the sanction order.
- x. Consequent upon receipt of the sanction order for release of funds to the CNA alongwith bills from the Drawing and Disbursing Officer (DDO), the concerned

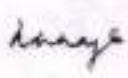
Pay and Accounts Officers (PAOs) shall, through assignments, advise RBI, after exercising all necessary checks, to honour the payment instructions issued by the concerned CNA/SA up to the, "assigned limit" in the advice.

- xi. The PAO shall debit the concerned Head of Account for appropriation but not transfer the cash directly to the CNA. It shall be retained in an interim account in respect of the CNA listed under the parent Ministry/ Department in the public account.
- xii. The assignments shall be uploaded on the TSA module and received electronically by the CNAs as per the existing protocols of TSA module. The CNA may issue e-Sub-assignments in PFMS against this assignment setting limits of expenditure for the SAs.
- xiii. CNAs & SAs shall adhere to all due process while incurring expenditure from the assignment limit sanctioned through PFMS. CNAs shall also ensure that sufficient limit is available in the relevant account before issue of assignment to SAs.
- xiv. The system will be digital and fully online on PFMS with no physical flow of assignments to RBI or expenditure by CNAs/SAs on assignment basis. The electronic file containing a unique sanction ID and necessary details of the sanction order will travel directly from PAO to RBI and concerned CNAs. RBI will maintain individual ledgers in respect of the accounts of the CNAs for watching the availability of assignment.
- xv. PFMS Division in CGA will design requisite reports to enable all Program Division (PDs), Pay & Accounts Officers (PAOs), and other stakeholders to view details of sanction orders, summary and budget balance of assignments/sub-assignments, and expenditure details.
- xvi. Ministries/ Departments administering the schemes concerned should strive to make realistic estimation of Budget under the Central Sector schemes and issue sanction orders according to actual requirements. The savings in the assignments should be anticipated well in advance particularly in the third quarter of

- Financial Year and Ministries/Departments shall ensure suitable savings/surrenders are informed to Budget Division during the pre-budget meetings.
- xvii. Control of limits shall be at the Standard Object Head level.
 - xviii. Unutilized assignments will lapse to the Government at the close of the Financial Year as per the extant norms of Budget execution and will not be available to the CNAs /SAs for expenditure in the next financial year. In PFMS too, all e-assignments/e-sub assignments shall cease to exist after the close of financial years and shall be flushed out from the system as per the current practice in TSA module.
 - xix. In respect of some transactions like payment of TDS, Income Tax and GST, Opening of Letter of Credit in favour of foreign suppliers, scholarships to foreign students not having account in India, and payment of salaries of the month of March to be paid in 1st week of April, CNAs/SAs may utilize the services of their existing account at commercial banks. They may transfer funds "just in time" to the extent required for meeting such transactions. However, in no case the money transferred under this provision will be parked in a Commercial Bank beyond a period of two weeks.
 - xx. Unutilized amount of past releases under the scheme available in the bank account of CNA & SAs shall be deposited in the Consolidated Fund of India.

Model - 2: Implementation through scheduled commercial banks

3. In case of Central Sector Schemes having (a) annual outlay of less than Rs 500 crores or (b) the schemes are being implemented by agencies of the State Governments exclusively or in addition to the central agencies or (c) other schemes not covered in Model-1, the following procedure will be followed by the Ministries/ Departments :



- (i) Every Ministry/ Department will designate a Central Nodal Agency (CNA) for implementing each Central Sector Scheme. The CNA will open a Central Nodal Account for each Central Sector Scheme in a scheduled commercial bank authorized to conduct Government business by the Ministry/ Department concerned.
- (ii) Implementing Agencies (IAs) down the ladder will be designated as Sub-Agencies (SAs). The SAs will use the CNA's accounts with clearly defined drawing limits set for that account. However, depending upon operational requirements, zero balance subsidiary accounts for each scheme may also be opened by the SAs.
- (iii) All zero balance subsidiary accounts will have allocated drawing limits to be decided by the CNA concerned from time to time and will draw on real time basis from the Central Nodal Account of the scheme as and when payments are to be made to beneficiaries, vendors etc. The available drawing limit will get reduced by the extent of utilization.
- (iv) For seamless management of funds, the main account and all zero balance subsidiary accounts should be maintained with the same bank. However, Ministry/ Department may choose different banks for opening Central Nodal Accounts of different Central Sector Schemes.
- (v) Only banks having a robust IT system and adequate branch network should be chosen for opening Central Nodal Account and the zero balance accounts of SAs of each Central Sector Scheme. The bank chosen should have the facility to open the required number of subsidiary zero balance accounts and a robust MIS for handling accounting and reconciliation at each level. The bank should also provide necessary reports and a user-friendly dashboard to officers at various levels to monitor utilization of funds by SAs.
- (vi) The bank's software system should be able to monitor the drawing limits of the SAs who should be able to draw funds on real time basis from the CNA's account as and when payments are to be made. The selected bank should ensure

proper training and capacity building of branch managers and other staff for smooth operation of these accounts.

- (vii) Ministries/ Departments will release the scheme funds for each Central Sector Scheme to the account of CNA concerned strictly on the basis of requirement, keeping in view the balance funds of the scheme available with the CNA as per PFMS or scheme-specific portals fully integrated with PFMS in consonance with Rule 232(v) and 230(vii) of the General Financial Rules, 2017.
- (viii) The Ministries/ Departments and the CNAs shall ensure that the interest earned from the funds released is mandatorily remitted to the Consolidated Fund of India in terms of Rule 230(8) of GFR, 2017. The interest component shall be distinctly reflected in the MIS provided by the banks.
- (ix) The Ministries/ Departments shall release the funds as far as possible in 'Just-In-Time' manner keeping the float in CNAs account to the minimum possible and shall in no case release more than 25% of the amount earmarked for the scheme in a financial year at a time. Additional funds (not more than 25% at a time) will be released only upon utilization of at least 75% of the funds released earlier and in compliance with the conditions of previous sanction.
- (x) For administrative convenience and efficiency the Program Division may obtain approval of the competent authority and concurrence of the Financial Advisor for more than 25% at a time. But release of funds shall not exceed 25% in one instalment.
- (xi) After opening of Central Nodal Account of the scheme and before opening zero balance subsidiary account of SAs or assigning them drawing rights from CNA's account, the SAs at all levels shall return all unspent amounts of the scheme lying in their accounts to the Central Nodal Account of the CNA.
- (xii) It will be the responsibility of the Ministry/ Department concerned to ensure that the entire unspent amount of the scheme is returned by all the SAs to the Central Nodal Account of the CNA concerned before releasing funds to CNAs.

- (xiii) Ministries/ Departments will ensure that releases under all Central Sector Schemes are made strictly as per the actual requirement on the ground, without resulting in any material float with the implementing agencies at any level.
 - (xiv) Ministry/ Department will register the CNAs and all SAs on PFMS and use the unique PFMS ID assigned to the CNA and SAs for making all payments to them. Bank accounts of the CNAs, SAs, vendors and other organisations receiving funds will also be mapped in PFMS.
 - (xv) Payments will be made from the zero balance subsidiary accounts up to the drawing limit assigned to such accounts from time to time. Transactions in each Subsidiary Account will be settled with the Central Nodal Account daily through the core banking solution (CBS) on the basis of payments made during the day.
 - (xvi) CNAs and SAs will mandatorily use the EAT module of PFMS or integrate their systems with the PFMS to ensure that information on PFMS is updated by each SA at least once every day.
 - (xvii) CNAs will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to CNA shall not be parked in bank account of any other agency.
 - (xviii) Release of funds by the Ministries/ Departments towards the end of the financial year should be avoided to prevent accumulation of unspent balances with CNAs.
4. UTs without legislature work directly in PFMS and should be given Letter of Authorization (LoA). There is no need for them to open a Central Nodal Account. They will ensure that the funds are released on the basis of LoA to the vendors/ beneficiaries 'Just-In-Time'.
5. Secretaries are requested to, and Financial Advisors of Ministries/ Departments shall, undertake monthly review of strict implementation of these guidelines, opening of

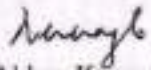
accounts in RBI, issue of authorization or release of funds to the CNA, utilization of funds by CNAs and IAs and outputs/ outcomes vis-a-vis the targets of each Central Sector Scheme.

6. Gradually, schemes in Model-2 are expected to move to Model-1 depending on readiness of RBI and Ministries for which necessary orders will be issued separately by the Department of Expenditure.

7. The following categories of Central Sector Schemes will be exempted from following these guidelines and may continue in existing mode:

- (i) Central Sector Schemes being implemented by Ministries/ Departments in Direct Benefit Transfer (DBT) mode or reimbursement mode.
- (ii) Central Sector Schemes involving payment of equity share or extension of loan by the Government to a company.
- (iii) Central Sector Schemes where 100% payments are made by the Ministry/Department directly to the vendors/beneficiaries against the bills/claims raised by the vendors/beneficiaries.
- (iv) Central Sector Schemes where funds are transferred by the Ministry/Department directly to multiple Implementing Agencies (IAs) and amount transferred to any agency does not exceed Rs. 10 lakhs per annum.
- (v) Central Sector Schemes in which funds are transferred to the Indian Missions abroad for implementation of the scheme.
- (vi) Central Sector Schemes being implemented exclusively from a corpus/revolving fund approved by the Cabinet.
- (vii) Central Sector Schemes where expenditure is based on authorization and is incurred on real time basis with no float. However, in such cases Ministry/Department shall avoid the mode of transfer of funds through Civil Deposit and the option of Letter of Authorization should be adopted.

8. In cases where there is no Central Autonomous Body in a Ministry/Department or where the Ministry/Department wishes to implement the scheme directly through State Government agencies, such State Government agency will be designated as CNA. However, there shall not be more than one CNA per State. The funds in such cases will be released by the Ministry/Department to the CNA directly and not through state treasury
9. An illustrative list of roles and responsibilities of CNAs is given in Annexure-I.
10. This issues with the approval of Finance Secretary & Secretary (Expenditure).


(Abhay Kumar)
Director
Tel. No. 24360647

To

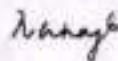
1. Secretaries of all Ministries/Departments of Government of India
2. Chief General Manager, Reserve Bank of India, Department of Government and Bank Accounts
3. Controller General of Accounts, Department of Expenditure, INA, New Delhi
4. Financial Advisers of all Ministries/Departments of Government of India
5. Additional CGA (PFMS), O/o CGA with the request to take immediate steps for carrying out necessary change in PFMS and designing requisite reports.
6. Additional CGA (GBA), O/o CGA with the request to take necessary steps to implement model I of the Guidelines.
7. All Principal CCAs/CCAs of Ministries/Departments

Copy to:

1. Chief Secretaries of all States/Union Territories
2. Principal Secretary Finance of all States/Union Territories

Copy for information:

1. PSO to Secretary (Expenditure)
2. PSO to Special Secretary (Pers.)
3. Sr. PPS to AS (PFC-II)
4. Sr. PPS to AS (PF-S)



Role and Responsibilities of CNA
Modified Fund Flow Guidelines for Central Sector Schemes

- 1. Model 1 – Treasury Single Account (TSA) Model**
 - a. Open Account with RBI in e-Kuber for each scheme under which it receives grant
 - b. Mandatorily use TSA Module of PFMS
 - c. Map the RBI Account details in TSA Module of PFMS
 - d. Receive (electronically in TSA Module) the assignment done by the PAO
 - e. Approve the account and scheme mapping of sub-Agencies at Level 1
 - f. Issue e-Sub-assignments against the assignment setting limits of expenditure for the sub-Agencies
 - g. Ensure funds are not transferred/parked in any other account except as per the guidelines
 - h. Process payments by adhering to due process
 - i. If existing accounts with commercial banks is to be used for specified purposes in the guidelines (such as payment of TDS, IT and GST, opening of LoC for foreign suppliers etc.), funds shall be transferred just-in-time and, in no case, parked beyond two weeks.
 - j. All such unutilized funds (as above) shall be deposited back to the Consolidated Fund of India.
- 2. Model 2 – through Scheduled Commercial Banks (SCBs)**
 - a. Open Account with a SCB authorized to do Government business, for each scheme under which it receives grant
 - b. Mandatorily use REAT Module of PFMS or integrate own IT system with PFMS for exchange of information (contact PFMS Rollout for details)
 - c. Approve the account and scheme mapping of sub-Agencies at Level 1
 - d. Approve the scheme mapping of all sub-Agencies using the CNA's Account

- e. Allocate limits for Level 1 sub-Agencies and all other sub-Agencies using the Central Nodal Account
- f. Ensure funds are not transferred/parked in any other account of any Agency
- g. Submit UCs after utilization of the funds that were transferred in the Central Nodal Account
- h. Ensure that interest earned from the funds released is remitted to the Consolidated Fund of India

3. One time activity -

- a. Ensure refund of unspent balance of lower level Agencies to the Central Nodal Account. This is needed after opening of the Central Nodal Account and other Zero Balance Subsidiary Accounts, and prior to assigning the drawing rights to sub-Agencies.

List of 276 Idea Proposals approved during 4th PMAC Meeting of MSME Innovative Scheme held on 26.06.2023 & Announced by Hon'ble Minister of MSME on the occasion of International MSME Day at Vigyan Bhawan, New Delhi on 27.06.2023

S.No.	Idea Ref. No.	Host Institute Name	State/UT	Incubatee Name	Title of the Idea	Theme Name
1	IDEATN007689	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	TAMIL NADU	Jey Siddharth	Smart Farming using Embedded IoT and Mobile Application	Digital Agriculture
2	IDEAKR007960	Shri Madhwa Vadiraja Institute of Tehnology and Management	KARNATAK A	Karthik V	Development of Tree Delimber for Shade Trees in Coffee Plantation	Digital Agriculture
3	IDEAAP006408	KKR and KSR Institute of Technology and Sciences	ANDHRA PRADESH	KRISHNAMO ORTHY R	Design and Development of Machine learning based fruit plucking drone	Digital Agriculture
4	IDEAKR006226	DAYANANDA SAGAR COLLEGE OF ENGINEERING	KARNATAK A	Bhuvan J	GoAgro Design and development of a precision Farming Bot	Digital Agriculture
5	IDEATN005786	M.Kumarasamy College of Engineering	TAMIL NADU	Kamalesh R	Machine Learning based Fully Automated Agriculture Crop Seeding, Monitoring, Fertilizing Robot	Digital Agriculture
6	IDEATN007912	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Benjamin Deva Sakayam S	AN IOTENABLED ECO-FRIENDLY APPROACH FOR THE RETENTION OF WATER IN DROUGHT AGRICULTURAL FIELDS USING SUPERABSORBENT POLYMERS MADE FROM WASTE PINEAPPLE (ANANASCOMOSUS) PEEL	Digital Agriculture
7	IDEATN007770	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	P.Ramadevi	IOT based AGRICULTURAL Intelligent ROBOT (AGRI-INT-ROBO)	Digital Agriculture
8	IDEATS008582	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	TELANGAN A	DONAPATI RAMESH REDDY	IoT and Machine Learning-based Precise Germination Prediction to Access the Quality of Grains for Different Crops.	Digital Agriculture
9	IDEAAP010637	Anil Neerukonda Institute of Technology & Sciences	ANDHRA PRADESH	Rajya Lakshmi valluri	FAMILY FARMER -APP FOR ORGANIC FARMING	Digital Agriculture
10	IDEATN008624	KCG College of Technology	TAMIL NADU	Surajnarayana n S	DESGIN AND DEVELOPMENT OF ML BASED ONION COLD SYSTEM	Digital Agriculture
11	IDEATN007695	Paavai Engineering College	TAMIL NADU	Balamurugan Mani	Solar Insect Trapper	Digital Agriculture

12	IDEAKL008043	Sreepathy Institute of Management And Technology	KERALA	Vishnu P	lot based greenhouse hydroponic system using solar	Digital Agriculture
13	IDEATN008203	NANDHA ENGINEERING COLLEGE	TAMIL NADU	VISHNU ANBALAGAN	Yield Enhancement for paddy field using Supervisory Control and Data Acquisition system with Machine Learning Technique	Digital Agriculture
14	IDEATN007233	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Baskarapandi Pandiyarajan	Design and Fabrication of Pesticide Spraying and Seed Sowing Robot	Digital Agriculture
15	IDEAGJ007048	BHAGWAN MAHAVIR COLLEGE OF ENGINEERING & TECHNOLOGY	GUJARAT	Patel Dhruvkumar	AI (Artificial Intelligence) based Agriculture Farming System	Digital Agriculture
16	IDEATN009373	Mahendra Engineering College	TAMIL NADU	JEEVA V	Automated Seed Sowing Machine using Internet of Things	Digital Agriculture
17	IDEATN009573	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	Muthukumar Subramaniyan	SMART LIVESTOCK MANAGEMENT FOR FARMERS USING DIGITAL TECHNOLOGY.	Digital Agriculture
18	IDEAKL009823	Government Engineering College Thrissur	KERALA	AJITH P	PHOENIX - DRONE BASED SOLUTION FOR HUMAN-WILDLIFE CONFLICT	Digital Agriculture
19	IDEATN005965	Rajalakshmi Engineering College	TAMIL NADU	Priya L	Timely Detection of Stem Borer Pest Infestation using Aerial Imagery for Smarter Rice Crop Management	Digital Agriculture
20	IDEAKR008175	KLE INSTITUTE OF TECHNOLOGY	KARNATAKA	Sajjan Mahantesh	Chilli QuickGrade a Quality Identification tool for high value oleoresin chilli	Digital Agriculture
21	IDEATN008095	KINGS ENGINEERING COLLEGE	TAMIL NADU	BALAMURUGAN GANESAN	Hydroponics Monitoring System	Digital Agriculture
22	IDEATN007981	Sona College of Technology	TAMIL NADU	Jemela F	Bio-natural Digital Farming based IOT Device	Digital Agriculture
23	IDEATN006429	Dr MGR Educational and Research Institute	TAMIL NADU	P.NANGIL MANOGARAN	Agrikul is App-Based Agri-Service Aggregator Platform, Instantly Book a Agri-Service Nearby Within My Radius.	Digital Agriculture
24	IDEATN007958	Sri Sairam Engineering College	TAMIL NADU	S Kesav Sanadhan	AUTOMATED PESTICIDES CONTROLLER FOR THE ADVANCEMENT OF SMART GREEN SYSTEM	Digital Agriculture

25	IDEAAP008490	Ramachandra college of Engineering Eluru	ANDHRA PRADESH	USHA T M	Smart Automated Monitoring IoT device for Integrated Rice-Fish Farming using Precision Agriculture Technology	Digital Agriculture
26	IDEATN008659	Sri Sairam Engineering College	TAMIL NADU	Jaiesh D	Crop Monitoring and Disease Detection	Digital Agriculture
27	IDEATN008721	Bharath Institute of Higher Education and Research	TAMIL NADU	Neduncheliyan S	An automated irrigation system using IoT and Deep learning Algorithms	Digital Agriculture
28	IDEAKL009743	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA	KERALA	ADAM THOMAS KURIAN	AGRO FARMING ROBOT	Digital Agriculture
29	IDEAKR008388	Malnad College of Engineering	KARNATAKA	S GOWRAV A	Design and fabrication of multipurpose agricultural equipment	Digital Agriculture
30	IDEATN008275	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Ganesh Suthersan B	In-Situ Greenhouse Monitoring and Controlling System Using IoT	Digital Agriculture
31	IDEAAP007101	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	ANDHRA PRADESH	SRUNGARAM RAM BHARDWAJ	AUTOMATIC SOLAR WEED REMOVER	Digital Agriculture
32	IDEAAP007911	KUPPAM ENGINEERING COLLEGE	ANDHRA PRADESH	BANDLA MOHITH	ORGANIC FERTILIZER FROM HORTICULTURE WASTE	Organic composting
33	IDEATN008069	Bannari Amman Institute of Technology	TAMIL NADU	SIVAKUMAR THIRUMOORTHY	Design and Development of Sustainable Smart Reactor for Effective Composting	Organic composting
34	IDEATN007933	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	JEYAVARSHI NI.B	DESIGN AND FABRICATION OF SOLAR ASSISTED SMART BOKASHI COMPOSTER FOR ONSITE CONVERSION OF BIO-WASTE TO ORGANIC FERTILIZER AT INFERTILE SOIL AREA	Organic composting
35	IDEATN007531	Paavai Engineering College	TAMIL NADU	Surya Raja	Rapid Decomposition of Solid Waste	Organic composting
36	IDEAWB007169	ICAR-Central Research Institute for Jute and Allied Fibres	WEST BENGAL	Alokesh Das	Development of microbial inoculant for fast and enriched composting	Organic composting

37	IDEATN007192	KSR Institute for Engineering and Technology	TAMIL NADU	Sankaranarayanan Srinivasan	Go Green 2.0	Organic composting
38	IDEAWB007314	ICAR-Central Research Institute for Jute and Allied Fibres	WEST BENGAL	Alokesh Das	Development of silver nanoparticles coated with polyvinyl pyrrolidone (PVP) to accelerate early composting of organic waste	Organic composting
39	IDEAGJ005434	Gujarat Student Startup and Innovation Hub	GUJARAT	PRAJAPATI KRUNAL	RespiCOz - A Smart Capnometer	Low-cost Indigenous Digital Healthcare System
40	IDEACG006097	Shri Shankaracharya Institute of Professional Management and Technology	CHHATTISGARH	SUMIT KUMAR ROY	Hembrac wrist band blood analyzer	Low-cost Indigenous Digital Healthcare System
41	IDEAMP006277	Oriental University, Indore	MADHYA PRADESH	HEMANT PATIDAR	Design of Microwave Antenna Arrays for the Treatment of Breast Cancer	Low-cost Indigenous Digital Healthcare System
42	IDEAKL007181	Indian Institute of Information Technology Kottayam	KERALA	Don Paul	Lifebed - Cost effective replacement for medical beds with added bedsore prevention and patient tilting feature	Low-cost Indigenous Digital Healthcare System
43	IDEAOD010516	KIIT Deemed to be University	ODISHA	ARUN SOMASUNDARAM	Low cost Digital X-ray with 4G sim-based connectivity for teleradiology to rural PHC hospitals	Low-cost Indigenous Digital Healthcare System
44	IDEAKR005406	VIJNAN FOUNDATION FOR INNOVATION RESEARCH IN SCIENCE AND TECHNOLOGY	KARNATAKA	B.NAVEENCHANDRA	DEVELOPMENT OF ELECROSPUN NANOFIBRE MATRIX TO DELIVER ANTIMICROBIAL PEPTIDE LL-37 FOR TREATMENT OF RADIATION INDUCED ORAL MUCOSITIS	Low-cost Indigenous Digital Healthcare System
45	IDEAAP006018	Madanapalle Institute of Technology and Science	ANDHRA PRADESH	Bikash Ranjan Behera	AI-Driven Metasurface Based Antenna Designing and its Implementation For RF Energy Harvesting in Medical and Healthcare Applications	Low-cost Indigenous Digital Healthcare System
46	IDEATS007604	Sumathi Reddy Institute of Technology for Women	TELANGANA	Chalamalla Vinaya Kumar Reddy	Lifting supporter for Bedridden Patients	Low-cost Indigenous Digital Healthcare System
47	IDEATS008832	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	TELANGANA	Pinninti Ravinder Reddy	Design and Development of Low Cost LVAD	Low-cost Indigenous Digital Healthcare System

48	IDEARJ010215	Indian Institute of Technology Jodhpur	RAJASTHAN	Ramkishore Jangid	Frugal Oral care irrigation device to reduce risk of ventilator associated pneumonia	Low-cost Indigenous Digital Healthcare System
49	IDEAOD007149	INSTITUTE OF PHARMACY & TECHNOLOGY SALIPUR	ODISHA	DEEPAK PRADHAN	Radiation-based medical devices for the treatment of Antimicrobial Resistance strains	Low-cost Indigenous Digital Healthcare System
50	IDEATN006776	Amrita Vishwa Vidyapeetham	TAMIL NADU	Murugadass	Development of Indigenous Remote embedded Operating platform for Tele-diagnosis of Ophthalmological Disorders	Low-cost Indigenous Digital Healthcare System
51	IDEATN006822	Sri Sairam Engineering College	TAMIL NADU	J.THAMIL SELVI	AN AI POWERED BREAST SCREENING SYSTEM TO PREDICT BREAST CANCER AT AN EARLY STAGE	Low-cost Indigenous Digital Healthcare System
52	IDEAKL009599	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA	KERALA	Ashfaq Ashraf C	IoT BASED BLOOD BAG MONITORING SYSTEM	Low-cost Indigenous Digital Healthcare System
53	IDEARJ010125	Indian Institute of Technology Jodhpur	RAJASTHAN	Mitanshu Sharma	Prevention of Pressure Ulcers in critically ill patients using vented horizontally laid air column mattress.	Low-cost Indigenous Digital Healthcare System
54	IDEATS008558	Engineering Staff College of India	TELANGANA	devyani singhi	AI Assisted Malleable Arc Retraction system	Low-cost Indigenous Digital Healthcare System
55	IDEATN010186	TJS ENGINEERING COLLEGE	TAMIL NADU	M Melkish Chandar	SYSTEM FOR TRANSFER OF PATIENTS FROM BED AFTER SURGERY	Low-cost Indigenous Digital Healthcare System
56	IDEATN005396	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	M Kasthuri	FEMCARE WEARABLE PRENATAL MONITORING DEVICE	Low-cost Indigenous Digital Healthcare System
57	IDEATN008572	Sona College of Technology	TAMIL NADU	C Rajeshkumar	Study and design development of cost-effective semi-automatic sanitary napkin machine	Low-cost Indigenous Digital Healthcare System
58	IDEACG005339	Shrishankaracharya Technical Campus	CHHATTISGARH	HARSH JAIN	AI POWERED MICROSCOPE	Low-cost Indigenous Digital Healthcare System
59	IDEATS005608	ST. MARTINS ENGINEERING COLLEGE	TELANGANA	PARVATHAPURAM PAVAN KUMAR	Artificial Intelligence Framework for Skin Cancer Detection and Classification	Low-cost Indigenous Digital Healthcare System

60	IDEAGJ005764	Navrachana University	GUJARAT	Raval Kashyap Bhaskerbhai	Early Breast Cancer and Breast Abnormalities Screening Tool - Infratorch	Low-cost Indigenous Digital Healthcare System
61	IDEATN005884	Rajalakshmi Engineering College	TAMIL NADU	Arjun Bhattacharya	AUGVIS - An AR platform to visualize and control the 3D anatomical parts of the human body	Low-cost Indigenous Digital Healthcare System
62	IDEAMP006782	MAHAKAL INSTITUTE OF TECHNOLOGY, UJJAIN	MADHYA PRADESH	Pratushti Agrawal	Research on Insulin and its subsequent Production indigenously to reduce costs	Low-cost Indigenous Digital Healthcare System
63	IDEAKR009859	Yenepoya Deemed to be University	KARNATAKA	Abhay Subhashrao Nirgude	Digital healthcare solutions, artificial intelligence to provide comprehensive essential healthcare to families under family adoption program of medical colleges in India	Low-cost Indigenous Digital Healthcare System
64	IDEAPB007431	ISF College of Pharmacy	PUNJAB	Pooja Chawla	Synthesis of Diclofenac in two simple steps	Low-cost Indigenous Digital Healthcare System
65	IDEAMH008384	ATLAS SKILLTECH UNIVERSITY	MAHARASHTRA	Aditya Ajit Gupte	Automated sleep apneic episode detection system for mass screening of sleep apnea	Low-cost Indigenous Digital Healthcare System
66	IDEARJ010233	Indian Institute of Technology Jodhpur	RAJASTHAN	Sudesh Pachar	To design, develop and field-validate a point-of-care (POC) testing device for screening/ triage of Tuberculosis.	Low-cost Indigenous Digital Healthcare System
67	IDEAUP005548	Sharda University	UTTAR PRADESH	Rahul Saxena	Prototyping of Advance Micro ear surgical instruments	Low-cost Indigenous Digital Healthcare System
68	IDEARJ010163	Indian Institute of Technology Jodhpur	RAJASTHAN	Nikhil Vadera	A smart sensors array based system to detect breath VOCs related to respiratory diseases	Low-cost Indigenous Digital Healthcare System
69	IDEAKL009777	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA	KERALA	James Therukattilinchamudikaran John	Development of Electric Backrest With Additional Features of Communication	Low-cost Indigenous Digital Healthcare System
70	IDEAUP009526	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	UTTAR PRADESH	Gokul Manoj	Development of cost efficient neuro monitoring system for surgical assistance	Low-cost Indigenous Digital Healthcare System

71	IDEAKR006192	DAYANANDA SAGAR COLLEGE OF ENGINEERING	KARNATAK A	nishant kathpal	Non-Invasive Imaging Device to Monitor the subcutaneous microvascular blood flow to to diagnose the risk of foot ulcer in diabetes and to predict the healing potential of Diabetic ulcers	Low-cost Indigenous Digital Healthcare System
72	IDEAKR006268	DAYANANDA SAGAR COLLEGE OF ENGINEERING	KARNATAK A	S. Shalom Kingson	Carbon Hubs - Microbial Detection and Air purification systems	Low-cost Indigenous Digital Healthcare System
73	IDEAKR007516	PES College of Engineering, Mandya	KARNATAK A	CHANDAN M	Clean and Healthy India through low cost light	Low-cost Indigenous Digital Healthcare System
74	IDEAUP005606	Sharda University	UTTAR PRADESH	Shivani Fotedar	MONITORING INTRAVASCULAR FLUID STATUS AND FLUID REPLACEMENT FOR A PATIENT	Low-cost Indigenous Digital Healthcare System
75	IDEAWB005530	Haldia Institute of Technology	WEST BENGAL	Debasis Maji	Prevalence of Diabetic Retinopathy and its Associated Factors in a Rural Area Based on Deep Learning for Computer-aided Diagnosis	Low-cost Indigenous Digital Healthcare System
76	IDEAKR005622	S J C Institute of Technology	KARNATAK A	S Harish	Design, Development and Commercialization of a low cost exoskeleton for people suffering from Knee Osteoarthritis	Low-cost Indigenous Digital Healthcare System
77	IDEATN005890	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	R Nageshwari	FABRICATION OF SMART ORTHOTIC CALIPERS WITH NANOFABRICS FOR PHYSICALLY CHALLENGED PERSON	Low-cost Indigenous Digital Healthcare System
78	IDEATN009821	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	Udhaikumar mallappan	MEDI QR-THE NEW QR CODE DIGITAL DESIGN FOR PHARMACEUTICAL INDUSTRIES FOR EACH TABLET	Low-cost Indigenous Digital Healthcare System
79	IDEAKR009749	Yenepoya Deemed to be University	KARNATAK A	TANISHA DAS	PAPER-BASED ANALYTICAL DEVICE AS A POINT OF CARE DIAGNOSTIC DEVICE FOR DETECTION OF VAGINAL INFECTION AMONG WOMEN	Low-cost Indigenous Digital Healthcare System
80	IDEAKR009847	Yenepoya Deemed to be University	KARNATAK A	Aashith C	A Dual Arm 3R robot for the restoration of gross motor function after stroke	Low-cost Indigenous Digital Healthcare System

81	IDEABR005968	Indian Institute of Management, Bodh Gaya	BIHAR	MEHDI IMAM	Rahat Kendra	Low-cost Indigenous Digital Healthcare System
82	IDEAOD007617	Fakir Mohan University	ODISHA	Shital Dattaram Zemane	TRANSFORMALE BED-CHAIR	Low-cost Indigenous Digital Healthcare System
83	IDEARJ010187	Indian Institute of Technology Jodhpur	RAJASTHAN	Akshay Satish Joshi	Design, development, and characterization of Oncoclone for translational precision oncology strategy	Low-cost Indigenous Digital Healthcare System
84	IDEAUP005682	Sharda University	UTTAR PRADESH	Subhash Arun Dwivedi	Automating Ophthalmoscopy	Low-cost Indigenous Digital Healthcare System
85	IDEATN006742	Indian Institute of Information Technology Design and Manufacturing Kancheepuram	TAMIL NADU	S Kaushik	Point of Care Diagnostics and Remote Monitoring Platform for Chronic kidney disease	Low-cost Indigenous Digital Healthcare System
86	IDEATN006707	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Karuppaiah Rajkumar	MODERN SEMI-AUTOMATIC TOILET CLEANING EQUIPMENT	Low-cost Indigenous Digital Healthcare System
87	IDEATN009723	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	ROHIITH E V	Incubator Health Monitoring system	Low-cost Indigenous Digital Healthcare System
88	IDEAKR009778	B M S College of Engineering	KARNATAKA	Dr H N Suma	INFANT INCUBATOR MONITORING SYSTEM USING IoT	Low-cost Indigenous Digital Healthcare System
89	IDEAPB009504	ISF College of Pharmacy	PUNJAB	Vivek Asati	Click chemistry approaches toward design and synthesis of pyrimidine derivatives as EGFR inhibitors	Low-cost Indigenous Digital Healthcare System
90	IDEAAP006036	Gayatri Vidya Parishad College of Engineering	ANDHRA PRADESH	Vanamali Dharma Rao	Virtual Reality Based Games for Stroke Rehabilitation at Home	Low-cost Indigenous Digital Healthcare System
91	IDEATN007575	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	B SRIDEVI	DESIGN AND DEVELOPMENT OF AN INDIGENOUS MULTIANALYTE FOOD ADULTERATION DETECTION DEVICE	Low-cost Indigenous Digital Healthcare System
92	IDEATN008463	Sona College of Technology	TAMIL NADU	Prabakar Srinivasan	Smart Wearable Device for Urinary Incontinence	Low-cost Indigenous Digital Healthcare System
93	IDEATS008810	Engineering Staff College of India	TELANGANA	devyani singhi	Augmented Reality assisted Surgical Intervention Platform	Low-cost Indigenous Digital Healthcare System

94	IDEATN005433	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	R NAGESHWAR I	Low Cost, non-invasive Microfluidic Device for Early Screening of Cancer	Low-cost Indigenous Digital Healthcare System
95	IDEAGJ006990	Pandit Deendayal Energy University	GUJARAT	Chandalia Anuj Atul	mCT AI for lung nodule analysis	Low-cost Indigenous Digital Healthcare System
96	IDEAGJ009742	Adani University	GUJARAT	SHANKAR SRINIVASAN	Sputnik Brain(Noninvasive brain modulation to alleviate the 300 billion dollar suffering of stress in workplaces and large scale corporations)	Low-cost Indigenous Digital Healthcare System
97	IDEATN009745	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	KavinKumar Manoharan	An Automated Chronic Disease Management System for Cardiac Arrest Detection and Prevention on Emergency using the Internet of Medical Things (IoMT)	Low-cost Indigenous Digital Healthcare System
98	IDEAKR010094	Yenepoya Deemed to be University	KARNATAKA	MANISH KUMAR SWAIN	A PAPER ANALYTICAL DEVICE FOR RAPID DETECTION OF BACTERIAL DIARRHEA TO AVOID ANTIBIOTIC OVERCONSUMPTION BY USING DIGITAL PLATFORM	Low-cost Indigenous Digital Healthcare System
99	IDEATN007384	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	TAMIL NADU	Anitha A	VOICE ASSISTED SMART WHEELCHAIR	Low-cost Indigenous Digital Healthcare System
100	IDEATN007319	Indian Institute of Information Technology Design and Manufacturing Kancheepuram	TAMIL NADU	Haridharan M	Rapid Diagnosing system for pathogen biomarker detection using Paper and IOT.	Low-cost Indigenous Digital Healthcare System
101	IDEATN007849	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	S.KARTHIKU MAR	Design And Development of AI-Based Smart Water Food Quality Analyzer as A Home Appliance To Monitor The Selected Quality Parameters, Contaminants And Adulterants	Low-cost Indigenous Digital Healthcare System
102	IDEATN007971	Sri Ramachandra Faculty of Management Sciences	TAMIL NADU	Jayanthi	Assistive Diagnostic software for Automated Coronary Blockage Detection using Angiogram Videos	Low-cost Indigenous Digital Healthcare System
103	IDEAKR005481	S J C Institute of Technology	KARNATAKA	R K HEMANTH	DESIGN AND DEVELOPMENT OF MECHATRONIC EMERGENCY VENTILATOR FOR TREATING BREATHING AILMENTS	Low-cost Indigenous Digital Healthcare System

104	IDEATN007273	Jerusalem College of Engineering	TAMIL NADU	Vinod Srinivasan	Proactive Traffic Signal Clearance for Ambulance Service	Low-cost Indigenous Digital Healthcare System
105	IDEARJ007405	Manipal University Jaipur	RAJASTHAN	Shreevardhan narayan purohit	Unified Healthcare India	Low-cost Indigenous Digital Healthcare System
106	IDEATN007446	Ramco Institute of Technology	TAMIL NADU	Karthikeyan Krishnamoorthy	SOLAR BASED PORTABLE BIPOLAR ELECTROCAUTERY MACHINE	Low-cost Indigenous Digital Healthcare System
107	IDEAKR007514	Shri Madhwa Vadiraja Institute of Tehnology and Management	KARNATAKA	Aditya Kudvas	Development of high strength corrosion resistant magnesium alloy for biodegradable implants	Low-cost Indigenous Digital Healthcare System
108	IDEATN007072	Ramco Institute of Technology	TAMIL NADU	Lakshmi Adhi	COST EFFECTIVE DETECTION SYSTEM FOR DIABETIC RETINOPATHY	Low-cost Indigenous Digital Healthcare System
109	IDEATN007237	Kongunadu College of Engineering and Technology	TAMIL NADU	Baskar Ramasamy	Design of Mind Machine Interface (MMI) based Smart Digital Nursing Robot for Quadriplegic and Paraplegic Patients	Low-cost Indigenous Digital Healthcare System
110	IDEADL006794	Shaheed Rajguru College of Applied Sciences for Women	DELHI	Geeta Sahai	Lets Talk- A mental Health and Wellness Initiative	Low-cost Indigenous Digital Healthcare System
111	IDEAAP006763	SREE VENKATESWARA COLLEGE OF ENGINEERING	ANDHRA PRADESH	KRISHNAMORTHY R	Design and development of Low-Cost 3D-Electrocardiogram	Low-cost Indigenous Digital Healthcare System
112	IDEATN006716	Amrita Vishwa Vidyapeetham	TAMIL NADU	Ranjith Rajan	Med2disp - Right Medication at Right Time with Right Monitoring	Low-cost Indigenous Digital Healthcare System
113	IDEABR006975	Indian Institute of Technology Patna	BIHAR	Gaurav Kumar	Enabling access to quality and affordable healthcare to half a billion rural population through vernacular tech platform	Low-cost Indigenous Digital Healthcare System
114	IDEAKR009798	Yenepoya Deemed to be University	KARNATAKA	Aashith C	Robotic Device for Finger and hand Rehabilitation	Low-cost Indigenous Digital Healthcare System
115	IDEATN010183	KPR Institute of Engineering and Technology	TAMIL NADU	Namburigha Karthikeyan	FLEXA - an AI Powered Powered Podium Mic to reduce speakers fatigue	Low-cost Indigenous Digital Healthcare System

116	IDEATN008150	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	TAMIL NADU	Mohammed Hussain Shariff Syed Musthafa	DermaEye - A handheld non-invasive scanning tool for early skin cancer detection	Low-cost Indigenous Digital Healthcare System
117	IDEAOD008200	GIET UNIVERSITY	ODISHA	Sudipta Maity	Biomarker linked noninvasive portable diagnostic device for Oral Cancer	Low-cost Indigenous Digital Healthcare System
118	IDEACH008921	Panjab University	CHANDIGARH	Kartik Jangra	IoT Based Human Bite Force Measurement Apparatus and Methods	Low-cost Indigenous Digital Healthcare System
119	IDEAGJ008262	NIF Incubation and Entrepreneurship Council	GUJARAT	JAYMEEN ARVINDBHAI PATEL	Off Grid Solar Natural Water Cooler - A Hybrid Drinking Water Cooling System	Potable Water Solutions
120	IDEATN006474	Bannari Amman Institute of Technology	TAMIL NADU	Pradeep Srinivasan	A Novel Defluoridation Matrix with Copper Reinforcement for Active Copper Infusion.	Potable Water Solutions
121	IDEATN007428	Ramco Institute of Technology	TAMIL NADU	Ramar M	HYACINTH PLANT EXTRACTING MACHINE	Potable Water Solutions
122	IDEAAP006350	SAI RAJESWARI INSTITUTE OF TECHNOLOGY	ANDHRA PRADESH	YENUGU SUDARSHAN REDDY	IDENTIFY WATER CONTAMINATION ZONES USING ADVANCED GEOSPATIAL TECHNIQUES	Potable Water Solutions
123	IDEAPB009267	ISF College of Pharmacy	PUNJAB	Sant Kumar Verma	New degradation instrument for the UV/sulfate radical-based complete remediation of polystyrene plastic from polluted water	Potable Water Solutions
124	IDEAMP006062	Indian Institute of Technology Indore	MADHYA PRADESH	Aditya Upadhyay	Water Inspector - Water and Nature Monitoring Innovation	Potable Water Solutions
125	IDEATS005756	ST. MARTINS ENGINEERING COLLEGE	TELANGANA	Dayapalle Naresh Kumar	WASTE WATER TREATMENT BY ELECTRO-COAGULATION USING IRON ELECTRODE	Potable Water Solutions
126	IDEATS008396	CMR College of Engineering and Technology	TELANGANA	REDDI VENKATA RAMA KRISHNA CHALAM	Internet of Water	Potable Water Solutions
127	IDEATS009580	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	TELANGANA	Ajay Kumar Kaviti	Development of contact-free nanostructure for solar powered desalinator	Potable Water Solutions

128	IDEAKR009729	Yenepoya Deemed to be University	KARNATAKA	Kumara B N	PALM-HELD DISPOSABLE PAPER ANALYTICAL DEVICE (PAD) FOR THE COLORIMETRIC DETECTION OF HEAVY METALS	Potable Water Solutions
129	IDEAWB005565	Haldia Institute of Technology	WEST BENGAL	Tapas Kumar Manna	Development of Solar powered zero discharge roof top water purification system for domestic and Industrial use	Potable Water Solutions
130	IDEATN007116	Amrita Vishwa Vidyapeetham	TAMIL NADU	Giridhararajan R	Aqua Chain	Potable Water Solutions
131	IDEATN005389	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	Akilandeswari V	AR EduTech Interactive Robo for Autism Spectrum Disorder Children	AVGC (Animation, Visual, Gaming, Comics)
132	IDEAUP005716	Sharda University	UTTAR PRADESH	Akash Singh	Virtual Innovation Labs - An Experiential Learning Platform	AVGC (Animation, Visual, Gaming, Comics)
133	IDEAKR005974	CMR Institute of Technology Bengaluru	KARNATAKA	Kesavamoorthy R	Providing Game Accessibility to Disabled People and Enabling Physical Activities in Computer / Mobile Games through Gestures	AVGC (Animation, Visual, Gaming, Comics)
134	IDEATN006280	K.L.N.COLLEGE OF ENGINEERING	TAMIL NADU	Venkatesh Thirupathi	E-adhyayan for visually impaired students	AVGC (Animation, Visual, Gaming, Comics)
135	IDEAMH009276	ATLAS SKILLTECH UNIVERSITY	MAHARASHTRA	NIDHI DHARMEET VALIA	Arithmetic Puzzle	AVGC (Animation, Visual, Gaming, Comics)
136	IDEAUK010452	Gurukula Kangri Deemed to be university	UTTARAKHAND	ROHIT BHARDWAJ	AN ARTIFICIAL INTELLIGENCE (AI) - ENABLED IMAGE PROCESSING METHOD AND AN APPARATUS THEREOF	AVGC (Animation, Visual, Gaming, Comics)
137	IDEATN010410	BASR CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	TAMIL NADU	Viswanathan Sridhar	Urban Comics for Kids	AVGC (Animation, Visual, Gaming, Comics)
138	IDEAKR005981	CMR Institute of Technology Bengaluru	KARNATAKA	Dinesh Kumar Sen	An OTT platform to create and share user generated animated movies/videos	AVGC (Animation, Visual, Gaming, Comics)
139	IDEAKR008945	SJCE-STEP	KARNATAKA	Kiran S	LabXR - an AR, VR, MR immersive tech solution of learning - an indigenous metaverse product	AVGC (Animation, Visual, Gaming, Comics)

140	IDEAGJ010677	Gujarat University	GUJARAT	Bhalavat Keyur Vinodbhai	Plutomen Assist - Create AR based Interactive Immersive training content	AVGC (Animation, Visual, Gaming, Comics)
141	IDEATS006290	Sumathi Reddy Institute of Technology for Women	TELANGAN A	Manchikatla Sai Teja	IMMORTAL-PART-I	AVGC (Animation, Visual, Gaming, Comics)
142	IDEAKL005591	IES COLLEGE OF ENGINEERING	KERALA	shahaziya parvez M	ENERGY PRODUCTION OPTIMIZATION BY BLOCK-CHAIN BASED POSITIONING OF SOLAR PANELS	Cloud Computing
143	IDEAAP007510	India Evangelical and Educational Rural Development	ANDHRA PRADESH	Dundi Rathna Kishore	The Next Leather	Cloud Computing
144	IDEATN006670	Ramco Institute of Technology	TAMIL NADU	Gomathy Nayagam Meenakshi Sundara Desikar	LPG GAS LEVEL AND LEAKAGE DETECTOR	Cloud Computing
145	IDEAMH006913	Sipna College of Engineering and Technology, Amravati	MAHARASH TRA	TUSHAR SUBHASH GHUGE	SMART CLOUD BASED WASTE GARBAGE COLLECTION MONITORING SYSTEM FOR MUNICIPALITY	Cloud Computing
146	IDEAKR007322	SJCE-STEP	KARNATAK A	Srinivas Varadarajan	AI Enabled Natural Air Cooling for Cloud Data Centers - saving energy cost of cloud infra	Cloud Computing
147	IDEAMH007914	G.H. Rasoni College of Engineering Nagpur	MAHARASH TRA	Mayur Anilrao Dafare	Industrial Energy Management System	Cloud Computing
148	IDEAUK009215	Shivalik College of Engineering	UTTARAKH AND	Vartul Goyal	CyberUltron-Defending Cyber Attacks	Cloud Computing
149	IDEAMH009579	Marathwada Accelerator for Growth and Incubation Council	MAHARASH TRA	Kanak Kedarnath Kawadiwale	MessageMe - a nextGen Enterprise Messaging platform for Sensitive Communications using cloud Quantum Technology	Cloud Computing
150	IDEATN006780	M.Kumarasamy College of Engineering	TAMIL NADU	M Sarankumar	Integrated e-Service for Plumbing, Electrical, Carpentry works	Cloud Computing
151	IDEATN009565	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	Suganeswaran Murugesan	Digital shuttle Box for Powerloom controlled by Mobile App	Cloud Computing

152	IDEATN007491	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, a constituent college of Vinayaka Missions Research Foundation ,Deemed to be University	TAMIL NADU	Jaikrishnan G	Cloud Computed Recipe Management of Automated Cooking Device	Cloud Computing
153	IDEATN007621	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	Abdul Haq M	Novel Authentication system for academic in blockchain technology	Cloud Computing
154	IDEATN010607	Sri Shanmugha College of Engineering and Technology	TAMIL NADU	Babu Karuppiyah	Biometric Assisted e - Health Record for Pregnant Women and Chronic patients linking Primary Health Centres (PHCs) and Government Hospitals using Cloud Computing	Cloud Computing
155	IDEAKR009197	NITTE SCHOOL OF ARCHITECTURE PLANNING & DESIGN	KARNATAKA	Navin Rajkumar Selvaraj	Advanced learning methods in Architectural Education	Cloud Computing
156	IDEAKR006066	SJCE-STEP	KARNATAKA	Nagarajan Rangarajulu	Development of (PLM/PDM) product data management and product lifecycle management platform for the small and medium engineering/manufacturing industries	Cloud Computing
157	IDEAKR005978	CMR Institute of Technology Bengaluru	KARNATAKA	I Syam Sundar	Disha AI - Dreams I Should Achieve - Give a child a dream and they will make it a reality	Cloud Computing
158	IDEATN005559	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	shunmughavel vivekanantham	Cloud Data Analytics Stack for Smart Farming	Cloud Computing
159	IDEAWB007620	AMITY UNIVERSITY KOLKATA	WEST BENGAL	MAUMITA BHUIYA	BENFARMM PRIVATE LIMITED	Cloud Computing
160	IDEATS008035	MALLA REDDY ENGINEERING COLLEGE	TELANGANA	GUMMADI CHANDRA SHEKAR	Selling of coupons/vouchers	Cloud Computing
161	IDEATN008723	St Josephs College of Engineering	TAMIL NADU	Naveen Krishna k	Hapsale	E-Festival
162	IDEATN007270	Kongunadu College of Engineering and Technology	TAMIL NADU	A B HIRTHIK ROSHAN	RECHARGING MOBILE PHONE THROUGH MOBILE CASE	E-Festival

163	IDEAOD010464	KIIT Deemed to be University	ODISHA	Sweta bithika Pattnaik	MSME Carbon Tracker	E-Festival
164	IDEAUP010569	Birla Institute of Management Technology	UTTAR PRADESH	CHIRAG BHIKAMCHAND JAIN	Identification of engagement of an individual while being involved in studying or working	E-Festival
165	IDEARJ009517	Sangam University	RAJASTHAN	Naman Vyas	Astra Connect - A new way to connect with peoples.	E-Festival
166	IDEATS006152	Sreenidhi Institute of Science and Technology	TELANGANA	sadiram ajay	College interact	E-Festival
167	IDEATN007889	Ramco Institute of Technology	TAMIL NADU	Saravanan Balakrishnan	Advanced electric vehicle motor and ultrafast charging battery pack	E-vehicles
168	IDEATN008511	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	subathra r	Flameproof battery for E-Vehicles	E-vehicles
169	IDEAUP008349	I.T.S Engineering College, Greater Noida	UTTAR PRADESH	Md Samiruddin Ansari	EV Acceleration Enhancer	E-vehicles
170	IDEATN007342	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	PRAVIN M	DEVELOPMENT OF HARDWARE INTERFACE TO GENERATE ELECTRIC POWER FROM PARKED ELECTRIC VEHICLES	E-vehicles
171	IDEATN007397	Amrita Vishwa Vidyapeetham	TAMIL NADU	Shairagul Gautam	aqueous battery	E-vehicles
172	IDEATN009775	NANDHA ENGINEERING COLLEGE	TAMIL NADU	Muthukumar Marappan	Artificial Intelligence based Fuel cell powered Electric vehicle with high performance, on-board charging and zero emissions for eco-friendly environment	E-vehicles
173	IDEAKL009361	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA	KERALA	Prince Manu Baby	Aluminum Air Battery-Hydrogen Fuel cell Hybrid system for EVs	E-vehicles
174	IDEATN006749	Jerusalem College of Engineering	TAMIL NADU	Senthilnathan K	Intelligent Battery Management System (iBMS)	E-vehicles
175	IDEATS006288	Sreenidhi Institute of Science and Technology	TELANGANA	Hemang Shah	EAR (Economical, Affordable, Reliable) Electric Passenger Cars	E-vehicles
176	IDEATN007372	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	SHALINI D	DEVELOPMENT OF ECO-FRIENDLY BATTERY BALANCING KIT FOR ELECTRIC VEHICLE APPLICATIONS	E-vehicles

177	IDEATN005361	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	B Vishnu Kumar	Drone Mail	E-vehicles
178	IDEATN005871	Adhiyamaan College of Engineering	TAMIL NADU	N Kishore Kumar	Hydrogen Fuel Generator	E-vehicles
179	IDEAUP009321	Technology Business Incubator KIET Group of Institutions	UTTAR PRADESH	Kailash Saravanan	WROX	E-vehicles
180	IDEATS008886	National Institute for Micro, Small and Medium Enterprises	TELANGANA	PULICHERLA ABHISHEK	Decarbonizing the transportation sector with hydrogen powered vehicles.	E-vehicles
181	IDEAKR006835	DAYANANDA SAGAR COLLEGE OF ENGINEERING	KARNATAKA	Mohammad Imaad	Low cost electric operated vendor push cart for economically lower background people	E-vehicles
182	IDEAMH009740	Marathwada Accelerator for Growth and Incubation Council	MAHARASHTRA	Vaibhav Navnath Karad	Developing Indigenous BLDC Motor Controller for EV application	E-vehicles
183	IDEATN007196	Amrita Vishwa Vidyapeetham	TAMIL NADU	Hemasri Meenaa Malini	Electric Vehicle Multipurpose Tractor	E-vehicles
184	IDEATN007144	NATIONAL ENGINEERING COLLEGE	TAMIL NADU	Akshaya B	E-Rickshaw with solar	E-vehicles
185	IDEATN006740	NATIONAL ENGINEERING COLLEGE	TAMIL NADU	Vishnu C	Preventing Accidents	E-vehicles
186	IDEAKR007905	SJCE-STEP	KARNATAKA	HEMANTHA KUMARA B K	Low cost ELECTRIC VENDOR CART for street vendors of INDIA - make in INDIA solution	E-vehicles
187	IDEATN006756	Amrita Vishwa Vidyapeetham	TAMIL NADU	SINDHU M R	Smart EV Sharing Infrastructure with Solar Powered EV Battery Swapping/Charging Stations	E-vehicles
188	IDEAMH005748	G. H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT, WAGHOLI,PUNE	MAHARASHTRA	Siddharth Govindnarayan Gupta	EV AgriBoT with Field Monitoring System	E-vehicles
189	IDEATN009415	RMK ENGINEERING COLLEGE	TAMIL NADU	Sri Madhava Balakrishnan	Without the charging time of the E vechicle Im here using piezoelectricity.Piezoelectric crystals sandwiched between two metallic electrodes, so when a mechanical pressure/stress is applied on the cr	E-vehicles
190	IDEATN010403	Prathyusha Engineering College	TAMIL NADU	Sujitha N	Rooftop PV array based Grid-tied EV charging stations in parking lots	E-vehicles

191	IDEATN006391	Indian Institute of Information Technology Design and Manufacturing Kancheepuram	TAMIL NADU	MS THARAMTHIRAN GREEN ENERGY FLOW LLP	Iron Based Flow battery for charging stations	E-vehicles
192	IDEAAP008137	Audisankara College of Engineering and Technology	ANDHRA PRADESH	meruva ravi babu	EDED -- Engine driven Electric vehicle	E-vehicles
193	IDEATN009760	KPR Institute of Engineering and Technology	TAMIL NADU	Vignesh C J	Axial Flux Permanent Magnet Motor for Electric Vehicle	E-vehicles
194	IDEATN009454	NATIONAL ENGINEERING COLLEGE	TAMIL NADU	Ganesh Ram Meiyappan	Sea water electrolysis	E-vehicles
195	IDEATN007677	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	TAMIL NADU	Giftson Raj D	DESIGN AND MANUFACTURE OF DECROATIVE POWER GEN WINDOW	Eco-friendly & Sustainable furniture
196	IDEATS006127	Gokaraju Rangaraju Institute of Engineering and Technology	TELANGANA	B Pakkiraiah	Design and Development of Triangular Hut Shaped Alignment of Solar Photo-voltaic Modules to get Better Output in a Lesser Area	Eco-friendly & Sustainable furniture
197	IDEATN007277	Kongunadu College of Engineering and Technology	TAMIL NADU	T. Rajamanikandan	INDIGENOUS PRODUCTION OF ECO FRIENDLY - SUSTAINABLE FURNITURE AND VENEER SHEET FROM BANANA TREE WASTE (MUSA ACUMINATA) WITH WHEAT GLUTEN	Eco-friendly & Sustainable furniture
198	IDEAUK005817	Uttaranchal University	UTTARAKHAND	Shaik Vaseem Akram	A DEVICE OF THERMAL STORAGE TENT HOUSE	Eco-friendly & Sustainable furniture
199	IDEATN007841	Velammal Institute of Technology	TAMIL NADU	Shanmugaraj G	Design of smart waterless solar panel cleaning Wiper	Eco-friendly & Sustainable furniture
200	IDEATS007006	Balaji Institute of Technology Science	TELANGANA	Gali Sridhar	Design and development of eco-friendly vegetable vending machine to enrich the life of vegetables with solar power.	Eco-friendly & Sustainable furniture
201	IDEAAP006864	Madanapalle Institute of Technology and Science	ANDHRA PRADESH	D Nithish Varma	Compact Sustainable Origami based Furniture	Eco-friendly & Sustainable furniture
202	IDEATN007766	Faculty of Engineering and Technology , Annamalai University	TAMIL NADU	Meenakshi Meyyappan	Design and Manufacturing of Esterified Juliflora Weed Based Fire, Moisture and Rodent Resistant Biodegradable Compressed Particle Board Furniture Production line	Eco-friendly & Sustainable furniture

203	IDEAAP008322	Prasad V. Potluri Siddhartha Institute of Technology	ANDHRA PRADESH	Movva Naga Swapna Sri	Umbrella Shaped Cooler	Eco-friendly & Sustainable furniture
204	IDEATN008395	Bharath Institute of Higher Education and Research	TAMIL NADU	Muruganandham M	Development of Bioplastics from Microbial Source for the Alternative Production of Polyhydroxy Alkenoates (PHA) to the Medical Containers	Eco-friendly & Sustainable furniture
205	IDEATN009118	KCG College of Technology	TAMIL NADU	Samira S	Stimutech wind turbine	Eco-friendly & Sustainable furniture
206	IDEAKL010124	Govt. Engineering College, Palakkad	KERALA	Viswanatha Kartha V	Real-time LPG monitoring and automated booking system	Eco-friendly & Sustainable furniture
207	IDEATN005825	Sri Ramakrishna Engineering College	TAMIL NADU	Indhumathi Subramanian	Development and Deployment of Self-Sensing Cement Nanocomposite for Real-Time Health and Safety Assessments in Infrastructures	Safety in Transportation & Industry
208	IDEAWB005558	Haldia Institute of Technology	WEST BENGAL	Pijus Kanti Khatua	Development of modified chimney to arrest carbon dioxide gas and carbon soot from different industrial chimney	Safety in Transportation & Industry
209	IDEAMP005350	Prestige Institute of Engineering Management and Research	MADHYA PRADESH	harshit sureka	Kiara - AI Eyes for Your Factory	Safety in Transportation & Industry
210	IDEATN005364	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	S Sriram	STAIR TO RAMP CONVERTOR USING PNEUMATIC CYLINDERS FOR DISABLED PEOPLE	Safety in Transportation & Industry
211	IDEAAP008227	Ramachandra college of Engineering Eluru	ANDHRA PRADESH	Shaik. Zaheer	AI based Health Care Mobile App for Hospital Finder and Medical Assistance using Smart Watch	Safety in Transportation & Industry
212	IDEATN005405	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	MANOJPANDI THANGAPAN DI	ACCIDENT ALERTING SYSTEM	Safety in Transportation & Industry
213	IDEAOD010092	KIIT Deemed to be University	ODISHA	PRIYONEEL BASU	Upcycled sensor-enhanced road safety impact attenuating fencing	Safety in Transportation & Industry
214	IDEATN009006	Anand Institute of Higher Technology	TAMIL NADU	GOKUL RAJ S	SMILEY SUIT	Safety in Transportation & Industry

215	IDEATS009181	BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN	TELANGANA	Yalavarthy Grahya	Suraksha - safety device for workers in Mining Industry	Safety in Transportation & Industry
216	IDEATN009963	KPR Institute of Engineering and Technology	TAMIL NADU	UDHAYAKUMAR NATARAJAN	Cost Effective Catalytic Converter	Safety in Transportation & Industry
217	IDEAMH005829	Guru Nanak Institute of Technology	MAHARASHTRA	DAKSH ROSHANLAL ARODIYA	Construction of Roundabout by using Waste Tires	Safety in Transportation & Industry
218	IDEACH009019	Panjab University	CHANDIGARH	Nitish Bansal	360 Warehouse Automation System with end to end supply chain integration for Pharma Companies	Supply Chain Management Solutions
219	IDEATN006255	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	PRADEEPKUMAR GOVINDARAJ	Indigenously developed indoor drone for rapid stock management in warehouse	Supply Chain Management Solutions
220	IDEAMH008039	JHULELAL INSTITUTE OF TECHNOLOGY	MAHARASHTRA	vivek mahesh sadhwani	3D PRINTING / additive manufacturing	Supply Chain Management Solutions
221	IDEAOD007065	ICAR National Rice Research Institute	ODISHA	Abhisek Sharma	Automatic Solar Milk Collection machine with UPI payment disbursal system	Supply Chain Management Solutions
222	IDEATN006750	Karpagam Academy of Higher Education	TAMIL NADU	Vidhyabharathi Jayachandran	IMPVU- INTELLIGENCE MILK PROCESS VENDING UNIT	Supply Chain Management Solutions
223	IDEATN006777	Dr. Mahalingam College of Engineering and Technology	TAMIL NADU	Jayandra Mehta	Self Recharging internal frame Electric Bicycles	Supply Chain Management Solutions
224	IDEAKR007518	INDIAN INSTITUTE OF PLANTATION MANAGEMENT BENGALURU	KARNATAKA	S Balakrishna	Quality planting material production of indigenous Timber tree species and Agroforestry models development tools for sustainable income generation, timber supply chain and climate change mitigation.	Supply Chain Management Solutions
225	IDEAMH009867	MITCON Consultancy and Engineering Services Ltd	MAHARASHTRA	MS CONFIO ENGINEERING SOLUTION PRIVATE LIMITED	Manufacturing as a services in mechanical industrial application	Supply Chain Management Solutions

226	IDEAAP007429	Prasad V. Potluri Siddhartha Institute of Technology	ANDHRA PRADESH	Avoor Khayim Ahmed	Mana Ration	Supply Chain Management Solutions
227	IDEAKR007826	Indian Institute of Technology Dharwad	KARNATAKA	Narasana Gowda Veerapur	VKF AGRI FARMS	Supply Chain Management Solutions
228	IDEATN005517	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	Mohammed Ilham Khan Baskaran	IOT and AI based smart shopping trolley	Supply Chain Management Solutions
229	IDEAAP006283	Vishnu Institute of Technology	ANDHRA PRADESH	AKULA BALAKRISHNA	AI acquainted Business App for reducing wastage of raw materials in Supply Chain Management	Supply Chain Management Solutions
230	IDEAHR009087	J C BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDBAD	HARYANA	BEENA KABADWAL	Logistike Edulabsolution	Supply Chain Management Solutions
231	IDEATS007572	Engineering Staff College of India	TELANGANA	Topella Sridatta	Cyclo-Sparking for Cyclone Suppression	Disaster Management
232	IDEAMH005858	G. H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT, WAGHOLI,PUNE	MAHARASHTRA	Moreswar Khanderao Dani	DANI DATA SYSTEMS (INDIA)	Disaster Management
233	IDEAAP007459	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING	ANDHRA PRADESH	Oleti.Prathyusha	Oxygen Management Alaram	Disaster Management
234	IDEAAP005987	Madanapalle Institute of Technology and Science	ANDHRA PRADESH	Satrughan Kumar	An intelligent crowd behavior analysis system in video sequences	Disaster Management
235	IDEAKL009551	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA	KERALA	Jayakrishnan A L	FM RDS - Disaster Warning Broadcast System	Disaster Management
236	IDEABR005971	Indian Institute of Management, Bodh Gaya	BIHAR	Reuben M Shibu	Unmanned Underwater Search and Rescue Vehicle System	Disaster Management
237	IDEATN006411	Sri Krishna College of Technology	TAMIL NADU	Sachin A	DEVELOPMENT OF EFFECTIVE BOREWELL RESCUE SYSTEM TO SAVE THE CHILDREN	Disaster Management
238	IDEATN005592	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	Saravana Kannan T	Food packaging material from rice husk reinforced with sodium montmorillonite and titanium dioxide nanomaterials	Alternative Material for Single Use Plastic (SUP)

239	IDEAWB005674	Haldia Institute of Technology	WEST BENGAL	SUMAN JANA	Bamboo fibre reinforced biodegradable plastic bag	Alternative Material for Single Use Plastic (SUP)
240	IDEATN006955	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	NAGANATH PRAKASH	Fish food plastic	Alternative Material for Single Use Plastic (SUP)
241	IDEATN009097	Mahendra Engineering College	TAMIL NADU	Lijo E	Sustainable plastic using Spirulina Algae and Banana Plant Leftovers	Alternative Material for Single Use Plastic (SUP)
242	IDEATN007009	Rajalakshmi Engineering College	TAMIL NADU	HEMAMALINI S	DEVELOPMENT OF BIODEGRADABLE EDIBLE PACKAGING FILM USING ASH GOURD (Benincasa hispida) PEEL	Alternative Material for Single Use Plastic (SUP)
243	IDEATN006870	Amrita Vishwa Vidyapeetham	TAMIL NADU	Madhan Sankar S R	Biodegradable spoons from waste Banana fibre-an alternative to single use plastic spoons	Alternative Material for Single Use Plastic (SUP)
244	IDEATN009315	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	Tamilselvan Natarajan	NANOFIBERS REINFORCED BIOPLASTIC WITH BIOCHAR MODIFIED CHITOSAN-CELLULOSE	Alternative Material for Single Use Plastic (SUP)
245	IDEATN009637	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	TAMIL NADU	Yeshwanth R M	Edible and reusable straw using oil cakes	Alternative Material for Single Use Plastic (SUP)
246	IDEAHR009052	Panipat Institute of Engineering Technology	HARYANA	Sushant Mittra	Wool Untapped Opportunity	Sustainable fashion
247	IDEATN007015	Amrita Vishwa Vidyapeetham	TAMIL NADU	Lakshmi P	NON-COTTON ANTIBACTERIAL TEXTILE MATERIAL FOR MEDICAL APPLICATIONS	Sustainable fashion
248	IDEATN008934	Erode Sengunthar Engineering College	TAMIL NADU	Dhivyapriya L	IOT BASED LOW COST COMPACT DYEING MACHINE USING ARDUINO	Sustainable fashion
249	IDEATN006264	Adhiyamaan College of Engineering	TAMIL NADU	A Nandhini	PROCESSING AGRICULTURAL WASTE INTO FABRICS	Sustainable fashion
250	IDEATN008415	Rathinam Technical Campus	TAMIL NADU	Arivumathi M R	Identification of Handloom Cloths using Image Classification Algorithm	Sustainable fashion
251	IDEATN005826	SETHU INSTITUTE OF TECHNOLOGY	TAMIL NADU	Nandhini Sathiyarayanan	Eco friendly and Innovative Moss Bags for Air Pollution Control	Sustainable fashion

252	IDEAUK005989	Uttaranchal University	UTTARAKH AND	Sumit Bisht	OFFERING A RANGE OF HEMP BASED INNER WEARS WITH ENHANCED BREATHABILITY, NON TOXICITY, NATURAL, ANTI-MICROBIAL AND STRENGTH.	Sustainable fashion
253	IDEAAS009020	INDIAN INSTITUTE OF PLANTATION MANAGEMENT, JORHAT	ASSAM	Pankaj Gogoi	Bamboo Fabrics Unit	Sustainable fashion
254	IDEAAP007746	KUPPAM ENGINEERING COLLEGE	ANDHRA PRADESH	P CHITRA SRI	Friendly Forge - Bringing life to the Fashion	Sustainable fashion
255	IDEATS008300	NARSIMHA REDDY ENGINEERING COLLEGE	TELANGANA	Bhukya Jasvanth	ECO-FRIENDLY INDIA	Sustainable fashion
256	IDEAMH007656	ATLAS SKILLTECH UNIVERSITY	MAHARASHTRA	ASHISH KUMAR SHUKLA	Laser cladding system for Local maintenance and upcycling of waste industrial components	Waste to Wealth creation, Circular solutions & waste management
257	IDEATN007638	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	Stalin Narayanasamy	INTEGRATED CAPTURE AND CONVERSION OF CO2 TO METHANE	Waste to Wealth creation, Circular solutions & waste management
258	IDEATN007412	Amrita Vishwa Vidyapeetham	TAMIL NADU	Vishnupriya Balasubramaniyam	Sugar free jelly from the by-product of Beetroot	Waste to Wealth creation, Circular solutions & waste management
259	IDEAMH007184	Tai Golwalkar Mahavidyalaya, Ramtek	MAHARASHTRA	Dinesh Diwakar Duryodhan	Synthesis of D-Xylose from Rice husk a Waste hull	Waste to Wealth creation, Circular solutions & waste management
260	IDEAAP005870	KONERU LAKSHMAIAH EDUCATION FOUNDATION	ANDHRA PRADESH	Vignesh G	Development of Simple and Cost-Effective Waste-Food Fertilizer Bin	Waste to Wealth creation, Circular solutions & waste management
261	IDEATN007698	Sri Krishna College of Technology	TAMIL NADU	Dharshan S	Solar Dryer with PCM- An Efficient Tool for Agricultural Products Preservation	Waste to Wealth creation, Circular solutions & waste management
262	IDEATN007420	Faculty of Engineering and Technology , Annamalai University	TAMIL NADU	BALAJI GANESH ATHI NARAYANAN	Device for measuring the freshness of Meat products	Waste to Wealth creation, Circular solutions & waste management

263	IDEATN008716	SRM Institute of Science and Technology Ramapuram Campus	TAMIL NADU	Micheal Durairaj	Development of an enzymatic technology for the removal of beta-lactam antibiotics in industrial waste at Source	Waste to Wealth creation, Circular solutions & waste management
264	IDEACH009236	Panjab University	CHANDIGARH	Shailendra Singh Khichi	Anion Exchange Membrane System for 2G Bioethanol Production from waste crop residue with zero acid discharge technology	Waste to Wealth creation, Circular solutions & waste management
265	IDEATN008350	KCG College of Technology	TAMIL NADU	Andal V	Nitrogen doped NiCO ₂ O ₄ impregnated porous carbon electrode development for hydrogen generation from waste water	Waste to Wealth creation, Circular solutions & waste management
266	IDEAGJ010352	Indo German Tool Room	GUJARAT	Dharmanandan Patel	PAYA BRICKS	Waste to Wealth creation, Circular solutions & waste management
267	IDEAGJ010675	Gujarat University	GUJARAT	Shashank Sunil Nimkar	Earth Tatva - Recycled Ceramics	Waste to Wealth creation, Circular solutions & waste management
268	IDEABR005969	Indian Institute of Management, Bodh Gaya	BIHAR	PIYUSH RAJ	Grow Your Own Mushroom	Waste to Wealth creation, Circular solutions & waste management
269	IDEATS007503	NARSIMHA REDDY ENGINEERING COLLEGE	TELANGANA	Murugesan R	Technology to take off CO ₂	Waste to Wealth creation, Circular solutions & waste management
270	IDEATN007224	Karpagam Academy of Higher Education	TAMIL NADU	Senthil Kumar Balasubramanian	Extraction of Oregano Oil from the leaf of Mexican Mint for poultry Industry	Waste to Wealth creation, Circular solutions & waste management
271	IDEAAP006400	KKR and KSR Institute of Technology and Sciences	ANDHRA PRADESH	S PADMAPRIYA	A Novel IoT and Machine Learning based Automatic waste segregator	Waste to Wealth creation, Circular solutions & waste management
272	IDEAMH006535	Kasegaon Education Societys Rajarambapu Institute of Technology	MAHARASHTRA	Smita Sambhaji Patil	Cost Effective Integrated ozone assisted electroflocculation process for Sewage Treatment	Waste to Wealth creation, Circular solutions & waste management

273	IDEAOD006772	INSTITUTE OF PHARMACY & TECHNOLOGY SALIPUR	ODISHA	Vineet Kumar Rai	Top-down cellulose extractor for paper waste management	Waste to Wealth creation, Circular solutions & waste management
274	IDEATS008537	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	TELANGAN A	Marepally Bhanu Chandra	Mycelium Fungi Spores based conversion of Cellulose waste to Graphene Nano-material for Hydrogen Fuel Generation	Waste to Wealth creation, Circular solutions & waste management
275	IDEATN005895	Rajalakshmi Engineering College	TAMIL NADU	s Geetha	DEVELOPMENT OF LIGHTWEIGHT PRECAST WALL PANELS USING FOUNDRY SAND	Waste to Wealth creation, Circular solutions & waste management
276	IDEAUP005589	Sharda University	UTTAR PRADESH	Soumya Pandit	Maximizing energy recovery using microalgae in novel microbial carbon capture cells via Carbon dioxide sequestration	Waste to Wealth creation, Circular solutions & waste management



Hanish venkat <hanish3270153@gmail.com>

Congratulations on Becoming a BUILD Program Winner!

1 message

Team iTIC <contact@itic.iith.ac.in>
To: hanish3270153@gmail.com

Mon, Sep 18, 2023 at 4:12 PM

Dear S.Hanish Venkat

We are thrilled to inform you that out of 600+ remarkable applicants, **you have been selected as one of the 75 winners of the BUILD Program!** Your innovative ideas and passion for entrepreneurship have set you apart.

To move forward with this exciting opportunity, we kindly request you to fill out the provided form by Sunday, September 24th.

<https://forms.gle/moGyMck2R1A2g4W39>

This step is crucial for your participation in the program. Please be aware that this form will serve as a final eligibility check. If you do not meet the program's criteria, your application may be rejected.

Further details and steps will be updated to you soon.

Application Number : 13289511774

Brief Description of your Idea : An AI-based solution for quality detection and grading of shrimps. This product uses imaging technology based on features such as color, body marks, shell type, structure, etc classifies the shrimps as quality or inferior shrimp, and is graded based on color as A1, A2, and A3 with the highest accuracy.

Team

iTIC

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Hanish venkat <hanish3270153@gmail.com>

Congratulations! Your team has been selected for the Aquathon cohort.

2 messages

INCUBATION MANAGER VISHVA TBI <mgracc@vishva.co>
To: hanish3270153@gmail.com
Cc: "Dr. M. K. Kaushik VISHVA TBI" <ceo@vishva.co>

Thu, May 4, 2023 at 5:54 PM

Dear Elite Coders Team,

Congratulations...!!!

I am pleased to inform you that your team has been selected to participate in the upcoming Aquathon cohort. This cohort will last for the next three months and will offer a unique opportunity for your team to work alongside industry experts, mentors, and peers to develop innovative solutions for aquatic ecosystem conservation and management.

Over the course of this program, your team will have access to a range of resources, including workshops, expert mentorship, and networking opportunities, all aimed at helping you refine your ideas and develop your innovation further. Additionally, you will have the chance to collaborate with other teams and engage in lively discussions on the challenges and opportunities associated with Aquatic ecosystem.

At the end of the three-month program, your team will have the chance to present your ideas to Aqua stakeholders, researchers, and Startup Ecosystem. This is a unique opportunity to showcase your work and get valuable feedback from experts in the field. We hope that this experience will benefit your team's professional development and will provide a meaningful contribution to the field of aquatic ecosystem.

We look forward to working with you over the coming months and are excited to see the innovative solutions your team develops.

With Regards,

VISHNU FOUNDATION TECHNOLOGY BUSINESS INCUBATOR TEAM, Bhimavaram.

Website: <https://vishva.co/>.

Have a **GREAT DAY** :)

Hanish venkat <hanish3270153@gmail.com>
To: INCUBATION MANAGER VISHVA TBI <mgracc@vishva.co>
Cc: "Dr. M. K. Kaushik VISHVA TBI" <ceo@vishva.co>

Wed, May 17, 2023 at 12:12 PM

I accept the invitation.

[Quoted text hidden]

BUILD Program - Request for Financial Details.

Ritu Chaturmutha <ritu.c@itic.iith.ac.in>
To: Contact iTIC <contact@itic.iith.ac.in>
Bcc: khayimahmedavoor@gmail.com

11 October 2023 at 15:17

Dear BUILD applicant,

Congratulations on your exceptional achievement. Your innovative ideas have set you apart from a highly competitive pool of applicants, and we are excited to support your entrepreneurial journey.

To facilitate the disbursement of your well-deserved financial aid, we kindly request you to complete a brief form. This form is necessary to ensure that the amount is transferred to you accurately and securely. The information requested is additional on top of the previous form you've filled.

Please access the form here: <https://forms.gle/6k5zvWK3D43aiNPj6>

We appreciate your prompt attention to this matter, as it will allow us to process the transfer of your prize without delay. You will soon receive an informational email about the BUILD Orientation Bootcamp, so please be on the lookout for that as well.

Thank you for being a part of the BUILD Program, and we look forward to seeing your entrepreneurial endeavors flourish. Best of luck on your exciting journey ahead!

Note: The 1st tranche of our amount, totaling INR 50,000, will be transferred into your bank account (as per the details shared in the form) within the next 7 working days.

Best regards,

Ritu Chaturmutha
Executive - programs
iTIC Incubator

✉ ritu.c@itic.iith.ac.in

☎ +91 40 2301 6169



Indian Institute of Technology Hyderabad
Kandi, Sangareddy, Telangana
INDIA – 502285



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Khayim Ahmed Avoor <khayimahmedavoor@gmail.com>

Congratulations! Your team has been selected for the Aquathon cohort

INCUBATION MANAGER VISHVA TBI <mgracc@vishva.co>

6 May 2023 at 19:19

To: khayimahmedavoor@gmail.com

Cc: "Dr. M. K. Kaushik VISHVA TBI" <ceo@vishva.co>

Dear Kraken Team,

Congratulations...!!!

I am pleased to inform you that your team has been selected to participate in the upcoming Aquathon cohort. This cohort will last for the next three months and will offer a unique opportunity for your team to work alongside industry experts, mentors, and peers to develop innovative solutions for aquatic ecosystem conservation and management.

Over the course of this program, your team will have access to a range of resources, including workshops, expert mentorship, and networking opportunities, all aimed at helping you refine your ideas and develop your innovation further. Additionally, you will have the chance to collaborate with other teams and engage in lively discussions on the challenges and opportunities associated with Aquatic ecosystem.

At the end of the three-month program, your team will have the chance to present your ideas to Aqua stakeholders, researchers, and Startup Ecosystem. This is a unique opportunity to showcase your work and get valuable feedback from experts in the field. We hope that this experience will benefit your team's professional development and will provide a meaningful contribution to the field of aquatic ecosystem.

We look forward to working with you over the coming months and are excited to see the innovative solutions your team develops.

With Regards,

VISHNU FOUNDATION TECHNOLOGY BUSINESS INCUBATOR TEAM, Bhimavaram.

Website: <https://vishva.co/>.

Have a **GREAT DAY** :)