

क्रास आयुक्त का कार्यालय
(सूक्ष्म, लघु एवं मध्यम उद्यम)
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)



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

निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
नई दिल्ली-110 108

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

By- email

F.No. 6(19)/SanctiontoCNA/Incubation /2022-23

Dated: 08/08/2023

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

SANCTION ORDER

Subject: Sanction of payment of Rs. 22,73,09,000/- (Rupees Twenty Two Crore Seventy Three Lakh Nine Thousand Only) to CENTRAL TOOL ROOM AND TRAINING CENTRE (CTTC), Bhubaneswar, ODISHA (as CNA) towards implementation of Incubation Component of MSME Innovative Scheme for FY 2023-24:reg.

I am directed to convey the sanction of the President of India for grant-in-aid of release of Rs. 22,73,09,000/- (Rupees Twenty Two Crore Seventy Three Lakh Nine Thousand Only) under Grant-in-aid General for implementation of Incubation Component of MSME Innovative Scheme, a component of MSME Champions Scheme to Central Tool Room and Training Centre (CTTC), Bhubaneswar, Odisha as Central Nodal Agency (CNA) w.r.t. approval in 4th PMAC held on dt. 26.06.2023 for the FY 2023-24. The details are as under:

(Rs. in lakh)

S. No	BE of MSME Champions Scheme 2022-23	Amount approved in 4 th PMAC	Amount Concurred by IFW	1 st release as per Scheme Guidelines 70% of amount approved
1	5272.00	3247.2720	2273.090	2273.090

2. The details of ideas and the respective amount approved in 4th PMAC towards release of 70% of the amount as 1st installment as per scheme guidelines are provided in 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 of 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-

श्री. रामकृष्णन / V. RAMAKRISHNAN
उप निदेशक / Dy. Director
मिसे एच.एम.एस. / Govt of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
निर्माण भवन (7th मंजिल, सातवीं मंजिल) का कार्यालय
Office of the Dev. Commr. (MSME)
निर्माण भवन, नई दिल्ली-110 108 / Nirman Bhawan, New Delhi-110108

6	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Benjamin Deva Sakayam S	Student	AN IOTENABLED ECO-FRIENDLY APPROACH FOR THE RETENTION OF WATER IN DROUGHT AGRICULTURAL FIELDS USING SUPERABSORBENT POLYMERS MADE FROM WASTE PINEAPPLE (ANANASCOMO SUS) PEEL	6.000	6.000	0.000	4.200
7	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	P.Ramad evi	Others	IOT based AGRICULTURAL Intelligent ROBOT (AGRI-INT-ROBO)	15.000	12.750	2.250	8.925
8	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	TELANG ANA	DONAPATI RAMESH REDDY	Others	IoT and Machine Learning-based Precise Germination Prediction to Access the Quality of Grains for Different Crops.	15.000	12.750	2.250	8.925
9	Anil Neerukonda Institute of Technology & Sciences	ANDHRA PRADESH	Rajya Lakshmi valluri	Others	FAMILY FARMER -APP FOR ORGANIC FARMING	12.500	10.625	1.875	7.438
10	KCG College of Technology	TAMIL NADU	Surajnarayan S	Student	DESIGN AND DEVELOPMENT OF ML BASED ONION COLD SYSTEM	19.150	14.500	4.650	10.150
11	Paavai Engineering College	TAMIL NADU	Balamurugan Mani	Student	Solar Insect Trapper	12.800	12.800	0.000	8.960
12	Sreepathy Institute of Management	KERALA	Vishnu P	Student	IoT based greenhouse hydroponic	11.000	11.000	0.000	7.700

श्री. राजेश कुमार / V. RAJESH KUMAR
 Director, D. C. Cell
 Ministry of Micro, Small & Medium Enterprises
 Office of the Dev. Commr (MSME)
 Plot No. 475, 2nd Floor-110103/Niranjan Bhawan, New Delhi-110103

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु एवं मध्यम उद्यम)
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निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
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I am directed to convey the sanction of the President of India for grant-in-aid of release of Rs. 22,73,09,000/- (Rupees Twenty Two Crore Seventy Three Lakh Nine Thousand Only) under Grant-in-aid General for implementation of Incubation Component of MSME Innovative Scheme, a component of MSME Champions Scheme to Central Tool Room and Training Centre (CTTC), Bhubaneswar, Odisha as Central Nodal Agency (CNA) w.r.t. approval in 4th PMAC held on dt. 26.06.2023 for the FY 2023-24. The details are as under:

(Rs. in lakh)

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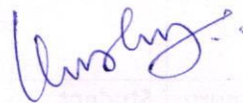
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वी. रामकृष्णन / V. RAMAKRISHNAN
उप निदेशक / Dy. Director
भारत सरकार / Govt. of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
विकास आयुक्त (सू. ल. एवं म. उद्यम) का कार्यालय
Office of the Dev. Commr. (MSME)
निर्माण भवन, नई दिल्ली-110108/Nirman Bhawan, New Delhi-110108

Annexure-A**Details of 276 ideas and the respective amount (in Rs. Lakhs) approved in 4th PMAC towards release of 70% of the amount as 1st installment under Incubation Component of MSME Innovative Scheme**

S. No.	Host Institute Name	State/UT	Incubatee Name	Incubatee Category	Title of the Idea	Total Project Cost	Total GOI grant	Total Incubatee Share	1st Installment (70% of GOI grant)
1	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	TAMIL NADU	Jey Siddharth	Student	Smart Farming using Embedded IoT and Mobile Application	3.500	3.500	0.000	2.450
2	Shri Madhwa Vadiraja Institute of Tehnology and Manageme nt	KARNAT AKA	Karthik V	Others	Development of Tree Delimber for Shade Trees in Coffee Plantation	12.500	10.625	1.875	7.438
3	KKR and KSR Institute of Technolog y and Sciences	ANDHRA PRADESH	KRISHNA MOORTH Y R	Others	Design and Development of Machine learning based fruit plucking drone	15.000	12.750	2.250	8.925
4	DAYANAN DA SAGAR COLLEGE OF ENGINEERI NG	KARNAT AKA	Bhuvan J	Student	GoAgro Design and development of a precision Farming Bot	8.000	8.000	0.000	5.600
5	M.Kumaras amy College of Engineerin g	TAMIL NADU	Kamalesh R	Student	Machine Learning based Fully Automated Agriculture Crop Seeding, Monitoring, Fertilizing Robot	4.750	4.750	0.000	3.325



वी. रामकृष्णन / V. RAMAKRISHNAN
 उप निदेशक / Dy. Director
 भारत सरकार / Govt. of India
 सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
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					TO ORGANIC FERTILIZER AT INFERTILE SOIL AREA				
35	Paavai Engineering College	TAMIL NADU	Surya Raja	Student	Rapid Decomposition of Solid Waste	13.350	13.350	0.000	9.345
36	ICAR-Central Research Institute for Jute and Allied Fibres	WEST BENGAL	Alokesh Das	Student	Development of microbial inoculant for fast and enriched composting	15.000	15.000	0.000	10.500
37	KSR Institute for Engineering and Technology	TAMIL NADU	Sankaran arayanan Srinivasa n	Student	Go Green 2.0	15.000	14.000	1.000	9.800
38	ICAR-Central Research Institute for Jute and Allied Fibres	WEST BENGAL	Alokesh Das	Student	Development of silver nanoparticles coated with polyvinyl pyrrolidone (PVP) to accelerate early composting of organic waste	15.000	15.000	0.000	10.500
39	Gujarat Student Startup and Innovation Hub	GUJARAT	PRAJAPATI KRUNAL	Entrepreneurs/MSME	RespiCOz - A Smart Capnometer	12.000	10.200	1.800	7.140
40	Shri Shankaracharya Institute of Professional Management and Technology	CHHATTISGARH	SUMIT KUMAR ROY	Others	Hembrac wrist band blood analyzer	10.500	8.925	1.575	6.248

(Handwritten Signature)

श्री. रामकृष्णन / Y. RAMAKRISHNAN
 उप निदेशक / Dy. Director
 भारत सरकार / Govt. of India
 सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
 Ministry of Micro, Small & Medium Enterprises
 विकास आयुक्त (सू. ल. एवं म. उद्यम) का कार्यालय
 Office of the Dev. Commr. (MSME)
 निर्माण भवन, नई दिल्ली-110108 / Nirman Bhawan, New Delhi-110108



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
HUMAN RESOURCE DEVELOPMENT GROUP
CSIR COMPLEX, OPP INSTITUTE OF HOTEL MANAGEMENT
LIBRARY AVENUE, PUSA, NEW DELHI- 110012, INDIA

**Symposia Grant Scheme for Organising Scientific Events (Symposia/
Seminars / Conferences/ workshops, etc. within India**

AUDITED STATEMENT OF EXPENDITURE To be filled by the applicant in duplicate

Date: 01.12.2023

Reference: CSIR Sanction No: SYM/12166/23-HRD

1. Name of the Society / Organisation under whose auspices the Event was organized:

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), Namakkal

2 Title/Name of the Event:

Intelligence of Silicon Carbide(SiC) and its impact in Industry 4.0

3. Period:

From			To		
Date	Month	Year	Date	Month	Year
27	10	2023	28	10	2023

4. Grant Sanctioned: Rs.20000/- (Rupees Twenty Thousand only _____)

5. Certified that out of Total Expenditure of Rs. 61,066 (Rupees Sixty one thousand and Sixty Six only) CSIR Grant of Rs. 20,000/- (Rupees Twenty thousand Only _____) has been utilized as per the details given below:

S. No.	Budget Head	Amount (Rs)
i	Travel expenses for c. Senior scientists: d. Young Scientists :	-
ii	Promotion (web site, brochures, others)	-
iii	Secretarial assistance	3000.00
iv	Local Hospitality, Food and Refreshment	34420.00
v	Venue Charges	-
vi	Stationary & Certificates	3646.00
vii	Remuneration for resource persons	20000.00
	TOTAL	61,066.00

Certified by: (PL ENSURE ALL SIGNATURES ARE ON THIS PAGE ONLY)

Organizer:

Signature

Name : Dr.M.Sudha

Designation: Professor & Head

Mob No. : 9965543188

Email ID:

pececehod@paavai.edu.in

Seal / Stamp

Finance Officer/

Chartered Accountant

Signature

Name : Anbu John Bosco

Mob.No: 9442582877

Email ID:

bosco.ssp@gmail.com

Seal / Stamp

Head of Organisation

Signature

Name: Dr.M.Premkumar

Designation: Principal

Mob No. : 9965466888

Email ID:

pecprincipal@paavai.edu.in

Seal / Stamp

PRINCIPAL

PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, NAMAKKAL Dis:

HEAD OF THE DEPARTMENT
Electronics & Communication Engg
PAAVAI ENGINEERING COLLEGE
NH-7 PACHAL (Pol Namakkal - 637018)





ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY
REGIONAL AGRICULTURAL RESEARCH STATION
TIRUPATI 517 502

Dr. C. Ramana

Associate Director of Research

Southern Zone

(Chittoor, Tirupati, SPSR Nellore, Annamayya, YSR Districts)

Phone: 0877 – 2248739 (O)

Mobile: 9989625209

Email: adr.rarstpt@angrau.ac.in

adrrarstirupati@gmail.com

To

Dr. P. Balaganesh,
Envkith Ventures Private Limited
Plot No-26, B13, 14ANB, 20B,
320(P), 45, Patia,
Bhubaneswar,
KIIT KHORDA-751024,
Odisha.

Roc.No.2309/Accts. IV/2018, dated 27.11.2023

Subject: In principal sanction of funds under 'Pre-Seed stage Grant-in-Aid funding' under Innovation & Agri - Entrepreneurship Program, RKVY-RAFTAAR, DAC&FW, by ANGRAU -Agri Innovations and Entrepreneurship Development Cell, ANGRAU Poshan Incubator, Regional Agricultural Research Station, Tirupati.

Ref: File No. 12-20/2020-RKVY of the Director (RKVY), MoA & FW, Department of Agriculture Cooperation and Farmers welfare, dated 25.08.2023

Dear Dr. P. Balaganesh,

As an approved business Incubate - **Envkith Ventures Private Limited** under the Agripreneurship Orientation Programme, RKVY-RAFTAAR, DAC&FW, at ANGRAU-Agri **Innovations and Entrepreneurship Development Cell, ANGRAU Poshan Incubator, Regional Agricultural Research Station, Tirupati**, further to your application/presentation to the RKVY-RAFTAAR Selection & Monitoring Committee (RC), dated 11th & 12th May,2023 at **MANAGE-CIA, Hyderabad**, in accordance of the guidelines of the program, we are pleased to inform you that your startup **Envkith Ventures Private Limited** is selected for a Grant-in-Aid funding support of **₹ 5,00,000/- (Rupees Five lakhs only)**.

This sanction is made on the basis of following understanding:

1. Government of India assistance is released to **Envkith Ventures Private Limited** towards developing the idea "**Sequential Extraction of Cellulose based Hydrogel and Cushion material from crop residues**" as approved in RKVY-RAFTAAR Selection & Monitoring Committee (RC) meeting held on 11th & 12th May, 2023 at **MANAGE-CIA**.

8. K. R. Agri by
2. The funds will be released to **Envkith Ventures Private Limited** through its founder **Dr. P. Balaganesh**. He/she shall be responsible for utilization of the approved funds and continue to undertake all such implementation of milestones approved by the committee.
 3. The terms and conditions governing the grant will be as per MOA executed between **Envkith Ventures Private Limited & ANGRAU -Agri Innovations and Entrepreneurship Development Cell, ANGRAU Poshan Incubator**.
 4. **Envkith Ventures Private Limited** will receive the Grant-in-Aid support installment as per the guidelines and framework of the scheme amounting to

Installment 1	₹ 3.00 lakhs (Rupees Three lakh only)
Installment 2	₹ 2.00 lakhs (Rupees Two Lakh only)
TOTAL	₹ 5.00 lakh (Rupees Five Lakh only)

5. Release of funds is subjected to following conditions.
 - a) The company will have to report on utilization of funds released and submit the physical and financial performance reports, audited financial statements, audited utilization certificate at the end of the financial year 2023 -24.
 - b) The first installment of 60% of the sanctioned project will be released to the company as per the agreement between **ANGRAU -Agri Innovations and Entrepreneurship Development Cell, ANGRAU Poshan Incubator and Envkith Ventures Private Limited**.
 - c) The second installment of 40% will be released to the **Envkith Ventures Private Limited** after the recommendation of **ANGRAU-Agri Innovations and Entrepreneurship Development Cell RIC Committee** based on the performance and achievement of milestone as well as utilization of 80% of previously released amount and receipt of audited utilization certificate of 80% of already released fund. Detailed schedule of tranche disbursements and other details will be in the MOA.
6. **Envkith Ventures Private Limited** will utilize the funds allocated till March 2024, as per the proposed timelines and term of the scheme, whichever is earlier, as per the sanction order and proposed detailed document.
7. All activities and expenditure shall be conducted with intent to nurture innovative business ideas (new/ingenious technology, processes, products, procedures, etc.) and shall be incurred towards the scope-of-work defined in the presentation made, and approved by the RC in the meeting held on 11th & 12th May, 2023 at **MANAGE-CIA**. Details of all such milestones and expenditure in the MoA between **Dr. P. Balaganesh C/o Envkith Ventures Private Limited & ANGRAU -Agri Innovations and Entrepreneurship Development Cell**.

8. **Envkith Ventures Private Limited** will submit audited 'Utilization certificate' to the RKVY division, Department of Agriculture & Farmers Welfare through **ANGRAU - Agri Innovations and Entrepreneurship Development Cell** duly signed and certified by the at least two directors in the company, on a quarterly basis, and at the close of that Financial year.

Note: In case of **Mis-utilization** or **diversion** of grant sanctioned under the scheme, the incubate- **Envkith Ventures Private Limited** shall refund to **President of India** the whole or part amount of the grant **with interest @ of 10 % per annum** thereon.

9. All the funds will be transferred to the 'Current account' of the company, and should only be used for the operational and growth requirements of the company.

In-case there is 'Interest earned' on such Grant in Aid deposits through i.) Fixed deposits ii.) any other money market instruments, only, in the process of operations by **Envkith Ventures Private Limited** details of such interest earned shall be reported to **ANGRAU -Agri Innovations and Entrepreneurship Development Cell**. All such interest earned will be treated as credit to the organization, which will further be treated as part of future release of Grant-in-Aid sanctioned for business.

10. RKVY Division, DAC & FW reserve sole right on the asset created out the sanctioned grant. Assets acquired wholly and substantially out of the sanctioned funds, unless obsolete and unserviceable, shall not be disposed off without prior approval of RKVY Division, DAC & FW. **Envkith Ventures Private Limited** will preserve all assets that are no longer required should be transferred to the nodal department, RKVY-RAFTAAR for its use and redeployment, when possible.

11. The expenditure incurred by the **Envkith Ventures Private Limited** shall be open to inspection by the sanctioning authority/C&AG/Chief Controller of Account (CCA) **ANGRAU -Agri Innovations and Entrepreneurship Development Cell/Ministry of Agriculture and Farmers' Welfare**.

12. **The accounts of the Envkith Ventures Private Limited shall be open to inspection by the sanctioned authority and audit (both by C&AG of India and Internal Audit) by the Principal Account Office of the Ministry or Department whenever the organization is called upon to do so.**

13. **Dr. P. Balaganesh C/o Envkith Ventures Private Limited** 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.

14. It is understood that **Dr. P. Balaganesh C/o Envkith Ventures Private Limited** will work towards commercialization of idea as per the timeline approved by the RC, 11th & 12th May,2023. In case of any exigency, or unforeseen which can hamper the company's ability to perform its work/ assignments in a continuous form, all such situation will be reported to **ANGRAU-Agri Innovations and Entrepreneurship Development Cell** with a valid justification for time-line extension with supporting documents, through a physical-mail request or digitally-email, for extension of time limit.

15. **Dr. P. Balaganesh C/o Envkith Ventures Private Limited** will submit monthly and quarterly Progress Report of the Business with **ANGRAU -Agri Innovations and Entrepreneurship Development Cell**, as per the prescribed format in the MOA. The company will share 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 within 3 months of the completion of the work.
16. This sanction issue in the exercise of the delegate power in consultation with the sanction order no. 12-20/2020-RKVY issued by RKVY, DAC & FW, MoA & FW, Government of India, Krishi Bhawan, New Delhi.

We wish **Dr. P. Balaganesh C/o Envkith Ventures Private Limited** all the very best.

With Regards,


Associate Director of Research
27/11/23
ASSOCIATE DIRECTOR OF RESEARCH
REGIONAL AGRICULTURAL RESEARCH STATION
JIRUPATI-517 502 (Chittoor Dist.)

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

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

SN o	Idea Reference No.	Host Institute Name	State/UT	Incubatee Name	Title of the Idea	Sector
273	IDEAAS018145	Indian Institute of Entrepreneurship	Assam	Mariana Vanlalpuii	Chocolate coated sacha inchi nuts with roselle, hatkora and green tea - health bhi, taste bhi	Miscellaneous
274	IDEATN011091	Sethu Institute of Technology	Tamil Nadu	H.Jebina	One boxz - a smart IOT power monitoring and controlling device	Power
275	IDEAKL010693	Adi Shankara Institute of Engineering and Technology	Kerala	Haritha KJ	Smart energy metering system	Power
276	IDEATN014603	Paavai Engineering College	Tamil Nadu	Swathi G	Preparation of bio-plastic from sterculia foetida leaves.	Power
277	IDEATN014230	RMD Engineering College	Tamil Nadu	S.Prasiddhi	IOT integration for smart dustbin and waste recycling	Power
278	IDEAAP014855	Ramachandra College of Engineering Eluru	Andhra Pradesh	Mekala Naga Vineela	Lifesafe	Power
279	IDEAUP010980	Sharda University	Uttar Pradesh	Surbhi Sharma	Sodium-ion cells active battery management system with intelligent and smart features for EV and energy storage systems.	Power
280	IDEADL014280	New Delhi Institute of Management	Delhi	Debapriya Das	Geospatially powered ai platform for predicting and preventing natural disasters	Power
281	IDEAAP012128	SRM University	Andhra Pradesh	Varshini R	Smart automation with self-optimisation for a clean energy system	Power
282	IDEAAP013686	Sagi Rama Krishnam Raju Engineering College	Andhra Pradesh	Gandham Venkata Sri Dharani	Cyber physical solution for battery swapping station	Power
283	IDEATS015793	Institute Of Aeronautical Engineering	Telangana	Dasi. Eesha	Geolia (customizing the unaccustomed) geo means geography and lia means green which means using geographical conditions for renewable energy.	Power
284	IDEATS010951	Engineering Staff College of India	Telangana	Budhala Mangatayaru	Generation of green hydrogen gas from sewage treatment plants (STP)	Power
285	IDEAJH014794	Jharkhand Government Mini Tool Room Training Centre	Jharkhand	Soni Yadav	Dc motor testing kit	Power
286	IDEATN017843	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	Tamil Nadu	Safrin Nihar B	Green power bank with solar charging support	Power
287	IDEATS010881	Balaji Institute of Technology Science	Telangana	Polumari Bhavani	Cost effective integrated technology for intelligent energy monitoring system to maximize the habitat energy consumption	Power
288	IDEAAP015761	Kuppam Engineering College	Andhra Pradesh	M Suchitra	A novel technique to increase the efficiency of storage battery through ml-based sulfation prediction	Power
289	IDEACG011740	Shri Shankaracharya Institute of Professional	Chhattisgarh	Hemlata Sinha	Ecof- briquette making machine, low cost and ecofriendly.	Power



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STUDENT PROJECT SCHEME 2023-24

List of Approved Projects

S.No	Guide Name & Institution	Title of the Project	Student(s) Name	Project Code	Amount Rs.
AGRICULTURAL SCIENCES (AS)					
1.	Dr.G.Kanimozhi Assistant Professor Dept. of Microbiology A.V.V.M Sri Pushpam College Poondi-613 503	Phyto-Compounds purified from <i>Moringa oleifera</i> (L.) flower and prediction of molecular docking analysis	Veeralakshami J	AS-5	7500
2.	Dr. P. Elamparithi Associate Professor Dept. of CSE AAA College of Engineering and Technology Virudhunagar-626 005	Automatic moisture and light controlling system for organic terrace farming	Kalpana V Kali Sangareshwari M	AS-10	7500
3.	Dr. L. Nagarajan Associate Professor Dept. of Biotechnology Aarupadai Veedu Institute of Technology Paiyanoor-603 104	Reuse of canteen waste as Bio-Fertilizer	Suraj Kumar S Krishna Kumar Mahtha M	AS-12	7500
4.	Dr.J.Jayamuthunagai Associate Professor Centre for Biotechnology Alagappa College of Technology Anna University Chennai-600 025	Removal of aflatoxin from groundnut oil (<i>Arachis hypogaea</i>) by using agro-waste- based material for debittering	Krishna Kumar M	AS-13	7500
5.	Ms. Jayanthi A Assistant Professor Dept. of CSE Adhiparasakthi Engineering College Melmaruvathur-603 319	Deep learning model for detecting disease in tea leaves	Hariharan D Karthikeyan A Deena E Viswanathan D	AS-18	7500
6.	Mr.Arularasan R Assistant Professor Dept. of Mechatronics Engg. Agni College of Technology Chennai -600 130	Solar-powered weed management system	Sabarish Manikandan A Mohankumar P Abhilash AP Arunkumar M	AS-23	7500
7.	Dr. P. Arul Arasu Associate Professor Dept. of Horticulture Agricultural College and Research Institute Madurai-625 104	Effect of Biostimulants and Biofertilizer on growth, yield and quality of Ridge Gourd MDU 1	Vignesh M	AS-24	7500
8.	Dr.N.Nisha Teaching Assistant Dept. of Farm Machinery and Power Engineering Agricultural Engineering College and Research Institute, TNAU Coimbatore-641 003	Development of Cassava (Tapioca) Planter suitable for small scale farmers	Thanga Priya P Sushmitha M Swetha S	AS-29	7500

326.	Dr. R. Rajakumar Assistant Professor Dept. of Biotechnology Maruthupandiyar College Thanjavur-613 403	Ethanollic fraction of zingiber officinale induced cell cycle arrest in human colorectal cancer cell line, HCT 116	Sivagiriya. S	MS-775	7500
327.	Dr.Jaideep Mahendra Professor, Director of PG studies Dept. of Periodontics Meenakshi Ammal Dental College and Hospital, Chennai-600 095	Assessment of periodontal status, c-reactive protein and fibrinogen levels in patients with periodontitis and myocardial infarction	Teena. S	MS-781	7500
328.	Dr.M. Maghimaa Assistant Professor Dept. of Microbiology Muthayammal College of Arts and Science, Rasipuram, Namakkal-637 408	Harnessing plant extract mediated nanocomposites towards multi drug-resistant wound pathogens : exploring therapeutic and cytotoxic potential	Priya. S	MS-790	7500
329.	Dr. M. Sumathra, Assistant Professor Dept. of Chemistry Nadar Saraswathi College of Arts and Science, Theni-625 531	Cantharanthus roseus templated Bioceramic Composite for Tissue Engineering application	Jeevitha. P	MS-797	7500
330.	Dr. P. Sathishkumar PG and Research Department of Botany Nallamuthu Gounder Mahalingam College, Pollachi, Coimbatore-642001	Preparation of immune-boosting nutrimit from selected underutilized wild edible fruits	Gokila K. Keerthana S.	MS-802	7500
331.	Dr.R.Sujatha Assistant Professor Dept. of Nutrition and Dietetics Namakkal Kavignar Ramalingam Govt Arts College for Women, Namakkal-637 001	Nutritional status of lower limb injured type 2 diabetic subjects and effect of value added health mix on surgical outcome	Meenatchi. S	MS-803	7500
332.	Dr. P. Thirunavukkarasu Asst.Professor Dept.of Biotechnology Nehru Arts and Science College, Coimbatore-641105	Polyhydroxyalkanotes/ achyranthes aspera (nayuruvi) extract mesh as potential of adhesion patent for wound healing	Akhila. G Devika. S	MS-818	7500
333.	Ms. Ben Sujitha Assistant Professor Dept. of Computer Science and Engineering Noorul Islam Centre for Higher Education Kumaracoil-629 180	Wearable heart rate alert system using AI	Krithiya. T Jeolin Sibi. S	MS-827	7500
334.	Dr. K. Venkadeswaran Dept. of Biotechnology P. S. R Engineering College. Virudhunagar-626 140	Alternative approaches to conventional treatment of urinary tract infection in pregnant women	Arunasri M Devika M Sundhareswari T Supiksha S	MS-828	7500
335.	R. Praveen Kumar Dept. of Pharamceutical Technology Paavai Engineering College Namakkal-637 018	Fomulation and Evaluation of a natural eye solution for the treatment of Inflammation of the eye	Aarhi JL Keerthana G Kumaran S Srikanth N	MS-839	7500