

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

निर्माण भवन, सातवीं मंजिल, मौलाना 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

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-

डी. रामकृष्णन / V. RAMAKRISHNAN
उप निदेशक / Dy. Director
भारत सरकार / Govt. of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
निर्माण भवन (7th मंजिल, आजाद रोड) का कार्यालय
Office of the Dev. Commr. (MSME)
निर्माण भवन, नई दिल्ली-110108 / 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.Ramadevi	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	TELANGANA	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

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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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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:

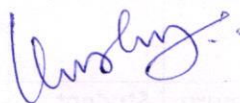
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भारत सरकार / Govt. of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
विकास आयुक्त (सू. ल. एवं म. उद्यम) का कार्यालय
Office of the Dev. Commr. (MSME)
निर्माण भवन, नई दिल्ली-110108 / Nirman Bhawan, New Delhi-110108

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 PRADES H	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

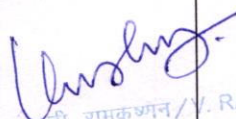
Ministry of Micro, Small & Medium Enterprises

विकास आयोग (सू. ल. एवं म. उद्यम) का कार्यालय

Office of the Dev. Commr. (MSME)

निर्माण भवन, नई दिल्ली-110108 / Nirman Bhawan, New Delhi-110108

					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 Srinivasan	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


 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



TRANSFORMERS

ZENTRONICS MANUFACTURING CO.,

8/11, V.C.T. CHAMBERS, ATHIPATTEN STREET,
MOUNT ROAD, CHENNAI - 600 002.

22/11/2023

To
The Principal,
Paavai Engineering College,
Pachal -637018.

Subject: Future Driver Assistance System
Ref : Research Work – Financial Sanction Regards.,

Dear Sir,

We are pleased to congratulate your team members on their efforts towards the **Future Driver Assistance System using Sensor Fusion and On-Board Diagnostics System (OBD)**. The feasibility report, supported by your CSE team members **Dr.V.Priya, E. ElanChezlian, and K. Santhanalakshmi**, accurately reflects the work carried out at our client site. We hereby confirm the approval of your report for further proceedings and authorize the work to be carried out in your lab. You are requested to contact us if you require any technical assistance, manpower, or resources.

The financial support for the project is confirmed as **Rs.5,45,000/- (Five Lakh Forty-Five Thousand only)**, which will be provided as per the terms of the agreement. Kindly provide a convenient date and time for signing the Official Agreement, which will cover financial conditions, required time, and other commercial terms. Further communication will be based on our signed agreement.

Zentronic manufacturing company

M.Kamalakannan
MANAGING DIRECTOR



To

21.06.2023

The Principal,
Paavai Engineering College,
Namakkal (Dist).

Subject : Sanction Order For Front End PID Controller MPPT

Reference : ETT/PAAVAI/REAW/21/2023(Quote this for communication)

Dear Sir,

With reference to the quote, work order and discussions, we hereby accepting your financial proposal and you are requested to proceed with immediate effect. The Previous discussions had with team of Electrical and Electronics Engineering headed by Dr.C.Arulkumar (PI) the same team can proceed the work, the progress and updates is to be communicated to our research Engineers will be appreciable. The total duration of the work to be completed in two years from the date of this sanction order.

Frontend PID Controller for MPPT Solar Installations - Rs. 7,25,000/-

(Rupees Seven Lakh Twenty Five Thousand Only)

You are requested to contact our Director for the further details related to specifications, find the enclosure for stage wise financial deliverable and Terms conditions.

Thanking You,

For **ENERGY TEAM TECHNOLOGIES.**

R.ARUNKUMAR
(DIRECTOR)



ENERGITEAM Technologies Pvt. Ltd.

Plot No. 66, Samayapuram Main Road, Karambakkam, Porur, Chennai - 600 116. Tamilnadu, India.

Mobile : +91 9043 896 720, +91 9894 164 686

Mail : support@energiteam.com sales@energiteam.com

www.energiteam.com



**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

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



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



ZENTRONICS MANUFACTURING CO.,

8/11, V.C.T. CHAMBERS, ATHIPATTEN STREET,
MOUNT ROAD, CHENNAI - 600 002.

22/11/2023

TRANSFORMERS

To
THE PRINCIPAL,
Paavai Engineering College,
Pachal -637018.

Subject: Reconfigurable OBD for Cars

Ref : Research Work – Financial Sanction Regards.,

Dear Sir,

We are pleased to congratulate your team members on their efforts towards the **Reconfigurable OBD For Electric /Fuel Based Cars**. The feasibility report, supported by your ECE team members **Dr.T.Loganayaki A.Samundeeswari** accurately reflects the work carried out at our client site. We hereby confirm the approval of your report for further proceedings and authorize the work to be carried out in your lab. You are requested to contact us if you require any technical assistance, manpower, or resources.

The financial support for the project is confirmed as Rs. Rs.6,45,000/- (Six Lakh Forty-Five Thousand only), which will be provided as per the terms of the agreement. Kindly provide a convenient date and time for signing the Official Agreement, which will cover financial conditions, required time, and other commercial terms. Further communication will be based on our signed agreement.

Zentronic manufacturing company

M.Kamalakaran
MANAGING DIRECTOR



Cosmogems (P) Ltd.,

13, G.K. Industrial Estate, Porur, Chennai - 600 116, India.
Ph : 044 - 24868188 Email : cosmosampath@gmail.com

Date :

COS/PEC/04/2023
23rd JUNE 2023

To
The Principal,
Paavai Engineering College, Paavai Nagar
NH-44, Pachal -637 018.Namakkal Dist.

Reference: Your quote dated on 15.05.2023

Subject : **FINANCIAL SANCTION ORDER FOR HYBRID POWER
GENERATION (3 YEARS AND 6 MONTHS)**

Dear Sir,

As discussed related to the subject mentioned above, you are requested to complete the work in time and submit the report to our company approval.

**Title of the Research work : Hybrid Power Generation for On Road Charging with
BESS.**

Financial Approval : Rs.7,35,000/- (3 YEARS AND 6 MONTHS)

Principal Investigator : Dr.V.SUBBURAM

Department : MECHANICAL ENGINEERING

The involvement of your team members of this proposed research, including the HOD and other faculty, in this research work is greatly appreciated. Should you require any further details regarding specifications, terms, and conditions, please feel free to contact the undersigned. Thank you

For COSMOGEMS PVT LTD

S.MADHAN SAMPATH
(DIRECTOR)



11.04.2023

To
THE PRINCIPAL,
Paavai Engineering College,
Paavai Nagar, Pachal -637 018.

Subject: Implementation of Manhole Automation – Fund Sanction

Reference: Our letter dated 23.03.2023

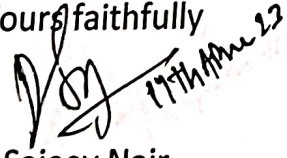
Dear Sir,

We are delighted to thank your team for its efforts and interest in developing a **Real-Time Implementation of Manhole Automation with Geo-Positioning Estimation**. The financial support for the project is confirmed as **Rs. 8,25,000/-** (Eight Lakh Twenty-Five Thousand only).

You are cordially requested to hand over the research to your **Mechatronics Engineering** department team headed by **Dr. C. Suresh**. You have excelled by providing excellent technology and compactness with extreme reliability in hostile environments. We are proud to be associated with you.

Thanking you,

Yours faithfully


D. Sajeed Nair.
Director





Memorandum of Understanding

Measurement of vertical profiles of temperature, relative humidity and winds using GPS aided Radiosonde

between

National Remote Sensing Centre
ISRO, Department of Space, Govt. of India
Balanagar, Hyderabad-500037

and

Paavai Engineering College (PEC),
Pachal, Tamil Nadu, India – 637018.

Signed on: 25-10-2022

**National Remote Sensing Centre
Mémorandum of Under standing**

**Measurement of vertical profiles of temperature, relative
humidity and winds using GPS aided Radiosonde**

This Memorandum of Understanding (hereinafter called the "MoU") is made on the day of..... 2022, between the National Remote Sensing Centre (NRSC), Indian Space Research Organization (ISRO), Department of Space, Government of India (hereinafter called the 'NRSC') and Paavai engineering college (PEC), Pachal, expression hereof includes its successors, administrators and assignees of the second part.

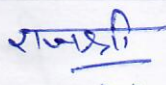
NOW THEREFORE, the parties hereto hereby agree as follows:

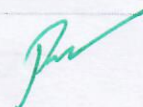
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Preamble

The Atmospheric Boundary Layer (ABL) is the lowest layer of the troposphere that is directly influenced by the Earth's surface and the processes in ABL control exchanges of momentum, water, and trace substances between the Earth's surface and the free troposphere (Stull 1988). Vertical profiles of meteorological parameters (temperature, relative humidity, wind speed & direction, and air pressure) are important for understanding boundary layer processes, radiative transfer calculations, air pollution meteorology, weather prediction, climate monitoring and to validate the same parameters retrieved from satellites. Among various parameters upper air temperature and wind constitute Essential Climate Variables (ECV). Keeping the importance of these parameters in view, it was proposed to have measurements at different locations in India as a data repository of National Information System for Climate and Environment Sciences (NICES) program and its use for validation of satellite sounder data (for e.g. INSAT 3DR).

ISRO formulated NICES with the mandate to build an information base for climate change impact assessment and recommendation for mitigation under the guidance of NICES Programme Management Council (NICES-PMC) with representatives from inter and intra-

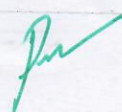




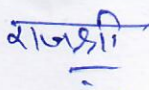

MOU between NRSC and PEC

	<p>departmental institutions. As part of this program, regular GPS aided radiosonde measurements of vertical profiles of temperature, pressure, humidity and winds are to be carried out at several locations using ISRO developed Pisharoty Sonde using balloons filled with Helium.</p> <p>The radiosonde measured vertical profiles of meteorological parameters are also essential to validate the NICES products on satellite derived vertical profiles of Temperature, Humidity (INSAT 3DR etc), Boundary layer heights and Model derived winds and temperature profiles. This MOU intends to facilitate the Radiosonde installations, ascents together with future network expansion.</p>
(i)	National Remote Sensing Centre (NRSC)
	<p>National Remote Sensing Centre (NRSC) is one of the primary centers of Indian Space Research Organization (ISRO), Department of Space (DOS), Govt. of India. NRSC has the mandate for establishment of ground stations for receiving satellite data, generation of data products, dissemination to the user sand development of techniques for remote sensing applications including disaster management support, geospatial services for good governance and capacity building for professionals, faculty and students.</p>
(ii)	Paavai Engineering college
	<p>Paavai Engineering college is affiliated to Anna university (Approved by AICTE and Accredited 'A grade' by NAAC). This is located in Pachal village in namakkal district in Tamilnadu, away from the urban pollution representing cleaner atmosphere. College offers different engineering courses including aeronautical engineering. The college is already a part of NRSC lightning network under NICES program with an excellent support.</p>
(i)	Reference to Earlier MOU, if any
	Nil
(ii)	Purpose/Need for MOU
	<p>Radiosonde Network For NICES (RANN) is a project under NICES program. ISRO formulated NICES with the mandate to build an information base for climate change impact assessment and recommendation for mitigation under the guidance of NICES Programme</p>

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	Management Council (NICES-PMC) with representatives from inter and intra-departmental institutions. As part of this program, regular GPS aided radiosonde measurements of vertical profiles of temperature, pressure, humidity and winds are to be carried out at several locations using ISRO developed Pisharoty Sonde using balloons filled with Helium. This MOU intends to facilitate the Radiosonde installations, ascents together with future network expansion.				
(iii)	Parties involved in MOU				
	First party (NRSC)				
	National Remote Sensing Centre (NRSC) ISRO, Dept. of Space, Govt. of India Balanagar, Hyderabad-500037				
	Second Party				
	Paavai Engineering College, Paavai Nagar, NH-44, Pachal-637018 Namakkal District. TamilNadu				
2	Authorised signatories				
	First Party		Second Party		
	Deputy Director, Earth & Climate Science Area (ECSA) National Remote Sensing Centre (NRSC), ISRO, Dept. of Space, Govt. of India Balanagar, Hyderabad-500037 Phone-04023884211 Email- ddecsa@nrsc.gov.in		Principal, Paavai Engineering College, Paavai Nagar, NH-44, Pachal-637018 Namakkal District. Tamil Nadu Phone: 04286-243038,243058,243098 Email-pecprincipal@paavai.edu.in		
3	Present Functionaries and Contact Details				
	First Party : NRSC				
	S. No	Name	Contact address	Telephone / Fax	e-mail
	1.	Dr.Hareef baba shaeb.K	National Remote Sensing Centre, ISRO Hyderabad-500037	0091-04023884875	shaeb_khb@nrsc.gov.in

MOU between NRSC and PEC

			and their successors/assignees		
2.	Dr. Alok Taori	National Remote Sensing Centre, ISRO Hyderabad-500037	and their successors/assignees	0091-04023884866	alok_taori@nrsc.gov.in
3	Dr. S. Rama Subramoniam	Scientist/Engineer 'SF' RRSC-SOUTH, NRSC/ISRO ISITE Campus BENGALURU-37, KARNATAKA, INDIA		Phone: 08061456039 Mobile: 9481379482	ramasubramoniam_s@nrsc.gov.in

Second Party Paavai Engineering College ,PEC)

S. No	Name	Contact address	Telephone / Fax	e-mail
1	Shri. N.Satheswaran	Assistant Professor, Department of Agriculture Engineering, Paavai Engineering College (Autonomous), Paavai Nagar, NH-44, Pachal, Namakkal District,Tamil Nadu-637018, India.	0091-04286-243038 Mob: 8098271534	sathes83@gmail.com
2	Shri. A.Meignanamoorthi	Assistant Professor, Department of Agriculture Engineering, Paavai Engineering College (Autonomous), Paavai Nagar, NH-44, Pachal, Namakkal District,Tamil Nadu-	0091-04286-243038 Mob. 9789424652	moorthiakm@gmail.com

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MOU between NRSC and PEC

			637081, India.		
		Shri. S.Loganathan	Assistant Professor, Department of Electronics and communication Engineering, Paavai Engineering College (Autonomous), Paavai Nagar, NH-44, Pachal, Namakkal District,Tamilnadu- 637081, India.	0091-04286- 243038 Mob. 9843425312	logumepaavai @gmail.com
3					
4	Date of Signing, Effective Date and Duration of MoU				
	Date of signing: The date of signing in MOU shall be the date on which NRSC's authorized signatory affixes his /her signature.				
	Effective date: The effective date of MOU is the date when both parties sign the document.				
	Duration of MoU : 5 years				
5	Scope of Work				
	The scope of overall project is to study the atmospheric boundary layer characteristics and validate the satellite and model derived products using the radiosonde measurements at different geographical locations in India. However, the scope of present MOU is to install the Radiosonde ground station at the premises of the host institute and perform regular interval measurements of atmospheric profiles using the Radiosonde by the host institute.				
6	Methodology				

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MOU between NRSC and PEC

	<ul style="list-style-type: none"> • Installation of Radiosonde ground station at the premises of host institute. • Conduct the Radiosonde measurements regularly by the host by coordinating with the nearest Air traffic control (ATC) centre, Airport. The experiment will be conducted simultaneously by the host institutes subjected to ATC clearance. • Transfer of data to NRSC through secure data transfer protocol • Analysis of the seasonal variation in the profiles and boundary layer dynamics. • Analysis of comparison statistics between satellite / model derived profiles and Radiosonde.
7	<p>Deliverables & Specifications</p> <p>Second party will deliver the following to First Party</p> <ul style="list-style-type: none"> • Conduct regular Radiosonde ascents. • Data base generation of Radiosonde measured profiles. • Data transfer to NRSC. <p>Specifications</p> <p>Upkeep of the installed equipment by ensuring proper UPS/ power, internet facilities etc...</p>
8	<p>Data Holding: NRSC/ISRO, Department of Space and PEC will be the joint custodian of the data that will be generated through this project.</p>
9	<p>Applicable documents : Formal Proposal, Green sheet approval from Director, NRSC</p>
10	<p>Guidelines on data / Map security</p> <p>Approval of competent authority of NRSC is required for sharing data with 3rd party. . Data sharing shall be done as per ISRO data policy guidelines.</p>
11	<p>Responsibilities</p> <p>First party : NRSC</p>





	<ul style="list-style-type: none"> NRSC will ensure the Radiosonde system supplied is technically suitable. Technical support for the Radiosonde operation and necessary approvals from ATC. Analysis of Radiosonde profile data to study boundary layer dynamics and satellite/model data validation
	Second Party : Paavai Engineering college (PEC)
	<ul style="list-style-type: none"> Conduct the Radiosonde measurements regularly by coordinating with the nearest Air traffic control (ATC) centre, Airport. Transfer the collected data to NRSC through secured data transfer protocol Providing appropriate security to the Radiosonde system installed at their premises. Extend logistics to NRSC scientists during the maintenance, testing etc activities. Submit annual utilization certificate for funds provided by NRSC with justifications
12	Activity Schedule
	<p>The project is proposed for a time period of 5years. The tentative schedule is as follows:</p> <p>13.1 First Year (0-12 Months)</p> <ul style="list-style-type: none"> MOU Preparation and approvals with the host institutes Approvals from ATC, Installation of Radiosonde ground station, commencement of measurements and Capacity Building at the host institute. <p>13.2 Second Year (13 – 24 Months)</p> <ul style="list-style-type: none"> Conducting Radiosonde measurements in regular intervals at the host institute/university <p>13.3. Third Year (25-36 Months)</p> <ul style="list-style-type: none"> Regular Radiosonde measurements at the Network stations Data Base Building <ul style="list-style-type: none"> 13.4. Fourth Year (37-48 Months) <ul style="list-style-type: none"> Regular Radiosonde measurements Data Base Building , Data preparation and Analysis Study of boundary layer dynamics and satellite/model data inter comparison at different network locations <p>13.5. Fifth Year (49-61 Months)</p>

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- Data Base Building, Data preparation, and Analysis
- Radiosonde data hosting at NICES/NRSC sites.
- Project report preparation
- Project Extension and further planning
- Network Expansion and Involvement of other groups for further projects and studies

13 Consideration and Schedule of prices (per annum)

S.No	Activity	Cost (in Rs.)
1	The Radiosonde system and sensors will be provided by NRSC.	0
2	The collaborators fund towards purchase of consumables for the experiment (Helium gas, regulator, Balloons and other consumables for balloon ascents), professional services (maintenance and technical support), miscellaneous expenditure (travel etc.) of the installed Radiosonde system and institutional overheads(10%) per annum	6,00,000=00
3	Total cost (Rounded off)	6,00,000=00

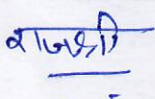
Paavai engineering college will perform regular Radiosonde ascents and transfer the data to NRSC for operational and R&D activities.

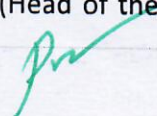
14 Funding Terms and Conditions of Payment

- The funds are being made available through National Information system for Climate and Environment Studies (NICES) program with NRSC.
- The collaborators fund towards the purchase of the consumables for the balloon ascents, maintenance and technical support of the installed Radiosonde ground station is estimated to be 6.0 lakh per annum. Funds to be made available for the host institutes on annual basis as per the allocation of the programme/project.
- Payment shall be made after the signing of MOU. The 50% shall be paid in the start of the financial year while the rest will be released after receiving the fund utilization certificate.

15 Training

	<ul style="list-style-type: none"> Suitable training towards the equipment maintenance, operation will be provided by the ECSA, NRSC.
16	Warranty <p>The warranty of the equipment will be covered by NRSC through the vendor.</p>
17	Project Monitoring <p>Quarterly monitoring of the project will be carried out by PD, NICES and will be presented in the PMC meeting</p>
18	Confidentiality <p>"All information and documents to be exchanged pursuant to the Memorandum of Understanding will be kept confidential by the Parties and will be used subject to such terms as each Party may specify. The Parties will not use the information for purposes other than that specified, without the prior written consent of the other Party.</p> <p>All the parties will maintain utmost confidentiality in data sharing. During the tenure of the MoU and thereafter both Partners undertake on their behalf and on behalf of their employees/representatives/associates to maintain strict confidentiality and prevent disclosure thereof all the Information and data exchange/ generated pertaining to work, under this agreement/MoU. However the data can be published and shared jointly for scientific publication with mutual written consent of both the parties</p> <p>All Confidential Information shall remain the exclusive property of the disclosing Party. The Parties agree that this MoU and the disclosure of the confidential information do not grant or imply any license or interest or right to the Recipient in respect to any intellectual property right of the other Party.</p> <p>Unpublished information, whether oral, in writing or otherwise, discovered or conceived by the scientists or technicians and exchanged under the provisions of this MoU will not be transmitted to a third party, unless otherwise agreed by the Parties in writing.</p>
19	Intellectual Property Rights <p>The original information, the methodology adopted, original data, derived data, the originals of any reports and documents or materials prepared or inventions or information produced as a result of the services and all intellectual property rights therein, unless otherwise specifically stated in the MoU, shall be and shall remain property of the parties in agreement.</p> <p>The procedural formalities for securing and maintaining the intellectual property rights (patents/trademarks/copyright) if any, shall be the responsibilities of NRSC and Paavai engineering college and the expenditure incurred thereof shall be borne by each party equally, consistent with laws, rules and regulations of India. The question of whether or not the intellectual property rights should be secured and the territory where these shall be secured will be decided by the Paavai engineering college(Head of the Second Party)</p>





and Director, NRSC

NRSC and Paavai engineering colleges shall have to consult each other to commercially exploit/ use the intellectual property generated in the Project with mutual written consent. In such an event, the fee and royalty and other terms and conditions for the commercial exploitation/ use of the aid intellectual property created in the project shall be decided based on mutual understanding / discussion for which a separate agreement shall be entered into.

During the work envisaged under the agreement in the event of NRSC, ISRO Scientist exploring, inventing or discovering results other than the specific objectives of the project, NRSC, ISRO and Paavai engineering college (Head of the Second Party) shall retain equal undivided rights on such results.

The Parties shall not assign any rights and obligations arising out of the IPR generated through inventions/activities carried out under the MOU to any third party without prior written consent of the other party.

In case research is carried out solely and separately by the party or the research results are obtained through the sole and separate effort of the party, the party concerned alone will apply for grant of IPR and once granted, the IPR will be solely owned by the concerned party.

In case of research results obtained through joint activities, the grant of intellectual property rights will be sought by both parties jointly and once granted these rights will jointly owned by the Parties.

For all the data provided by the one of the parties, all responsibility and rights shall rest with that party only.

The Intellectual property that is (know-how/process/design/technique/ copyrights) generated in the project executed shall be owned by the respective parties depending on their respective contributions. Wherever, any of the above work executed in a collaborative way, the extent of the ownership shall be decided mutually, depending on the relative inputs (intellectual/ technical/ financial/physical) made by the parties here to the project.

All disputes concerning intellectual property rights and other commercial rights arising out of any activities performed under this MOU or agreement related thereto shall be settled through mutual deliberations in terms of applicable laws.

The products made out of the Radiosonde system and its network remains sole property of NRSC –Hyderabad.

However, Paavai engineering college can use and analyze the data for R&D and publish the results with due acknowledgment to NRSC/ISRO with mutual consent.

Protection of Intellectual Property :

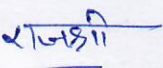
Each Party will ensure appropriate protection of intellectual property rights created from cooperation pursuant to MoU, consistent with laws, rules and regulations of India.

20 Commercialization

21-12-11

[Signature]

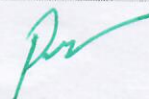
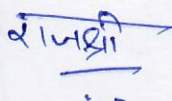
	<p>In case of research results obtained through joint activities under this MoU concerned Parties will apply as co-applicants for the protection of intellectual property rights in India. Commercialization in any other country shall be done jointly through a separate agreement.</p>
21	<p>Publication</p> <p>Any Publication, document and/or paper arising out of joint work conducted by the parties on to this MOU will be jointly owned. The publications (research papers, reports etc.,) shall be in the names of research workers, wherein it will be duly acknowledged that the work has been carried out under collaborative programs between the parties. However, the data can be published and shared jointly for scientific publication with mutual consent of both the parties involved in the respective projects. The use of the name, logo and/or official emblem of the parties on any publication, document and/or paper will require prior permission of both the parties. It may however be ensured that the official emblem and logo is not misused.</p> <p>Notwithstanding anything contained in this agreement/MOU or any document related thereto, all the differences or disputes including publication related disputes concerning intellectual property rights arising out any activities performed under this agreement/MOU shall be settled through mutual deliberations or procedures established under applicable laws and Rules made there under.</p>
22	<p>Modifications to MOU</p> <p>The project is designed and formulated after detailed discussion. However if any change in scope of work or modifications w.r.t to duration of MOU / Technical issues / deliverables etc are required, it will be done through mutual written consent from both the parties and treated as amended to this MOU. The modification / changes shall be effective from the date on which they are made, unless otherwise agreed upon.</p>
23	<p>Governing Law</p> <p>This MOU is hereby concluded in terms of understanding of the parties about the law of MOU and is intended to be regulated by relevant applicable Indian laws.</p>
24	<p>Force Majeure</p> <p>Neither party shall be held responsible for non-fulfilment of their respective obligations under the agreement due to the exigency of one or more of the unforeseen events such as but not limited to Acts of God, war, flood, earthquake, strike, lockouts, epidemics, riots, civil commotion etc. provided on the occurrence and cessation of any such events, the party affected thereby shall give a notice in writing to other party within one month of</p>





MOU between NRSC and PEC

	such occurrence or cessation. If the force-majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.
25	Indemnity Either Party ("Indemnifying Party") shall indemnify and keep indemnified the other Party ("Indemnified Party") against any and all claims, direct losses, injuries, liabilities, reasonable costs and expenses, direct damages, actions or proceedings which may be made or taken against the Indemnified Party by any person arising out of any breach, action or inaction of the Indemnifying Party under this agreement. In no event whatsoever, the Indemnifying Party shall be liable to the Indemnified Party for any loss of revenue, loss of profits, rights or services, incidental, indirect or consequential damages arising from or related to this agreement.
26	Dispute Settlement and Arbitration In case of any dispute or difference of opinion or interpretation of the MOU arising out of the activities performed under the provisions of this contract or related document not amicably resolved completely by mutual discussion or consultation between the parties within thirty days (30), the entire matter shall be referred to the Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) for settlement of any such commercial disputes and the procedure mentioned in the Office Memorandum Dated 22 nd May, 2018 and others OM subsequently issued by Department of Public Enterprises, Ministry of Heavy Industries & Public Enterprises shall apply in consonance with applicable Indian laws and public policy. Notwithstanding anything contained in above para, in case of any dispute or difference of opinion falling under the exception to the ambit of Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) the party to this contract/agreement/MOU with mutual consent may take recourse of any alternative dispute settlement mechanism including arbitration for settlement of such disputes as per applicable law and procedure. Pending the submission of and / or decision on a dispute, difference or claim or until the arbitral award is published; the parties shall continue to perform all of their obligations under this MOU without prejudice to a final adjustment in accordance with such award
27	Jurisdiction Any dispute arising out of the implementation or interpretation of any provisions of this MOU shall be subject to the jurisdiction of Hyderabad courts.



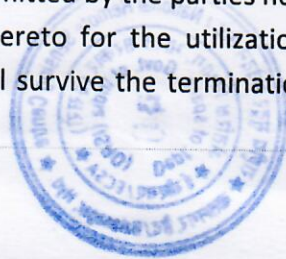
28 Termination: (for Cause, Convenience, and Force Majeure)

On completion of MoU duration, as stated in the clause No. 4, the MoU ceases to exist. During the tenure of the agreement, either Party may terminate and nullify this Agreement/MOU by providing prior written notice of 30days to the other party for any of the reasons – Cause/convenience/Force Majeure.

- Termination for Convenience: For convenience without assigning any reason.
- Termination for Cause: For the breach of any obligations/responsibilities/conditions of this agreement by the other party, with an opportunity to cure/rectify such a situation within thirty (30) days to the defaulting party and no remedial action is taken to the satisfaction of the aggrieved party.
- Termination for Force Majeure: in the event of "Force Majeure"
- Obligations upon Termination

Following termination or expiration of this Agreement, in addition to any other obligations existing hereunder or otherwise at law or in equity:

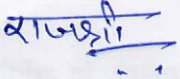
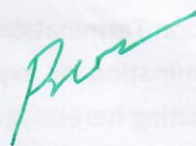



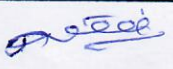
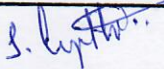
- The rights and obligations of the parties thereto shall be settled by mutual discussion; the financial settlement if any shall take into consideration not only the expenditure incurred but also the expenditure committed by the parties hereto.
- The agreement arrived at between the parties hereto for the utilization of the intellectual property (defined in clause #19.0) shall survive the termination of the agreement.



21-12-17

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Seal of Both Parties

First Party	Second Party
For and on behalf of	For and on behalf of
National Remote Sensing Centre (NRSC), ISRO	Paavai engineering college
Signature	Signature
 डॉ. राजश्री वि. बोथले / Dr. Rajashree V Bothale उप निदेशक, ईसीएसए / Deputy Director, ECSA पृथ्वी एवं जलवायु विज्ञान क्षेत्र (ईसीएसए) Earth & Climate Sciences Area (ECSA)	
Seal	Seal
	PRINCIPAL PAAVAI ENGINEERING COLLEGE M.7 PACHAL Post, NAMAKKAL Dist
Witness (Name and Address)	Witness (Name and Address)
1.  HAREEF BABASHAH Sci/Eng SF, ACD/ECSA, NRSC, Hyderabad. 500037.	1.  N. SATHESWARAN Dept. of Agricultural Engineering Paavai Engineering College Namakkal - 637018
2.  Dr. ALOK TAORI So/DS-'SG', NRSC, Hyderabad	2.  S. LOGANATHAN DEPT. OF ECE PAAVAI ENGINEERING COLLEGE PACHAL, NAMAKKAL-637018.
Date: _____	Date: 28.09.2022

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

Cosmogems (P) Ltd.,

13, G.K. Industrial Estate, Porur, Chennai - 600 116, India.

Ph : 044 - 24868188 Email : cosmosampath@gmail.com

Date :

COS/PEC/06/2023
19TH JUNE 2023

To
THE PRINCIPAL,
Paavai Engineering College,
NH-44, Pachal -637 018.Namakkal Dist.

Reference: Your quote dated on 17.05.2023

Subject : Financial ,Work Commencement of Integrated Adulteration Analysis

Dear Sir,

As discussed related to the subject mentioned above, We herewith approve your Quotation and Sanction the Finance required for the Phase1,you are requested to complete the work in time and submit the report to our company approval.

Title of the Research work : INTEGRATED ADULTRATION ANALYSIS USING SERS

Financial Approval : Rs.6,45,000/- (For 3 YEARS and 6 MONTHS)

Principal Investigator : N.Hemalatha

Department : IT

Your team members like HOD and other faculty involved in this Research work will be highly appreciable and in need of any, can contact the undersigned for further details related to specifications, terms and conditions. Thank you,

For COSMOGEMS PVT LTD.

S.MADHAN SAMPATH
(DIRECTOR)





TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE Campus, Chennai- 25

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. Elamparathi 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 nutriment 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	Polyhydroxyalkanoates/ 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 Kumaracoin-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 Pharmaceutical Technology Paavai Engineering College Namakkal-637 018	Formulation and Evaluation of a natural eye solution for the treatment of Inflammation of the eye	Aarthi JL Keerthana G Kumaran S Srikanth N	MS-839	7500

Dated: 29TH Feb. 2024

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

MoE's Innovation Cell
Mentor-Mentee Program for IIC Institutions - Sanction Letter

To,

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

Sub: Sanction of Rs. 2,25,000/- (Two Lakhs Twenty-Five Thousand Only) being the Grant-in-Aid under the Mentor- Mentee Program for IIC institutions 2023-24, MIC payable during the current financial year 2023-24 for the implementation during IIC Calendar year 2023-24- reg.

Sir,

With reference to the proposal submitted by the **Paavai Engineering College**, this is to convey that the sanction of the Council for payment of Rs.2,25,000/- (Two Lakhs Twenty-Five Thousand Only) as Grant-in-Aid under the Mentor-Mentee Program for IIC institutions 2023-24, MIC as per details given below:

1.	Name and address of the Beneficiary Institution:	Paavai Engineering College, Paavai Engineering College, Paavai Nagar, NH-44, Pachal, Namakkal.
2.	Permanent/IIC ID of Institute:	IC201810392
3.	Scheme under which grant is to be released:	Mentor-Mentee Program, 2023-24
4.	Duration of the scheme:	Academic Year 2023-24
5.	Name of the Program Coordinator:	Dr.M.Premkumar
6.	Total Amount Sanctioned:	Rs. 2,25,000/- (Two Lakhs Twenty-Five Thousand Only)
7.	Amount to be released during the year 2023-24:	Rs. 2,25,000/- (Two Lakhs Twenty-Five Thousand Only)
8.	Sanctioned grant-in-aid is debit to:	INNOVATION CELL ACCOUNT
9.	The authorized Officer in whose favour Cheque / Demand Draft / RTGS is to made (Account Holder's Name)	The Principal Paavai Engineering College

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
- Released and for the academic year 2023-24.

The instructions/guidelines to be followed by the University/Institution

I. Release of fund

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

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATP6024D	Union Bank of India	Namakkal	No 2, Paramathi Road, P.Bo. No-11, Namakkal, 637002	The Principal Paavai Engineering College	Savings	520101069986548	UBIN0902021

In case of any omission the same should be reported to AICTE immediately.

- ✓ The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme. 100% of the sanctioned amount will be released as grant in aid to the account of the beneficiary institute (Mentor IIC Institute).

II. Maintenance of accounts of expenditures

- ✓ The Institute shall strictly follow the provisions laid down in the scheme document issued by this office. All correspondences related to the scheme must contain this number along with year of sanction of the scheme; failing which correspondence will not be entertained.
- ✓ The mentor IIC institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on the scheme.
- ✓ The institute needs to maintain the record of all original bills/honorarium receipts/transaction proof/voucher and invoice etc., AICTE/MIC or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- ✓ The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE/MIC.

III. Instructions for implementation of Project Funds

Table:1				
Sr. No	Activity	No of activities	Budget in Rupees	Expenses Covered
1	Conduct an orientation cum mentoring sessions for all the key functionaries of IIC members at mentee institutions. It may be conducted online mode.	At least 2 nos/Year {@Rs.3000 /mentor expert, 2 mentor experts per session}	12,000/-	honorarium

2	Mentor Institute Representative to take part in the quarterly progress meetings of mentee IIC institutions and provide guidance on planning, action plan preparation and improvisation of I&E activities to be conducted in the mentee institutions. Sessions may be conducted in online mode.	Minimum 15 nos. @Rs.1000/ meeting. (at least 3 meetings /mentee institute for 5 mentee institutions). A senior and competent IIC member of the mentor to take part in quarterly planning and review meetings conducted during the IIC calendar year in mentee institutions	15,000/-	honorarium
3	Mentor Institute to handhold all mentee institution in conducting at least two activities listed in the IIC calendar activity plan and support in identifying competent external experts and arranging sessions and honorarium to external experts. Sessions may be conducted in online mode.	At least 2 nos { @Rs.3000 /external expert, 2 external experts per session }	12,000/-	Experts' fee/honorarium
4	Mentor institute to organize a 2-day exposure visit cum training program focusing on long Innovation, IP, Entrepreneurship, pre-incubation and Incubation facility creation, IPR filing & management and start-up services and policy mechanisms (NISP, ARIIA and others) support for student and faculty etc. for mentee institute representatives. This is ideally a physical mode activity.	1 Number (Refer Table-2 for budget breakup)	1,25,000/-	Expert's fee/honorarium, food, site visits, accommodation and training and communication material cost for the participants
5	Mentor institute to conduct progress monitoring cum feedback & Impact evaluation study visit to each mentee institute especially towards the end of IIC calendar year or in	Total 5 nos of visits. (One-day visit by an expert/IIC member from the Mentor institute to the mentee institute. It covers local travel ad train or Air Travel cost	50,000/-	Mentors TA, honorarium cost.

	the 4 th Quarter. Ideally this should be a physical visit.	with upper cap of Rs.10000 per visit includes local travel cost). Stay arrangement to be made by the respective mentee institute		
6	Miscellaneous/contingency fund		11000/-	
	Total		2,25,000/-	

Table:2 Budge Breakup for Activity 4			
S.No	Particulars	Maximum Amount/Person/Day In Rupees	Maximum Amount/Particular In Rupees
1	Accommodation for Participants (up to 10 members @2 members per mentee institute for 2 days)	Rs. 1500/-per person for 3 days	45000/-
2	Food	Rs. 800/- per person per day for 3 days	24000/-
3	Honorarium to invited external experts only (up to 4 numbers)	Rs. 5000/ expert	20000/-
4	Travel Reimbursement for Participants	Actual travel cost (Road or train or flight) with upper cap Rs. 5000/ mentee institute (with maximum 2 participants) and from 5 mentee institutions	25,000/-
5	Stationary, Printing (Design and printing of Brochure, registration kit and banner) etc.		11000/-
Total			125000/-

I. Utilization & Refund of Grant

- The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE/MIC.
- The fund, so released shall be utilized to conduct the prescribed activities for handholding, mentoring, and supporting mentee institutions in building/streamlining/strengthening the innovation and entrepreneurship eco-system and shall not be used for purchase of equipment like computer, laptop or fixed assets etc.
- The released/sanctioned fund for Mentor-Mentee program cannot be utilized for any other program/ sessions or activities.
 - ✓ In case the Mentor-Mentee program is cancelled, the funds must be returned back to AICTE/MIC immediately with interest accrued thereon.

- ✓ In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE/MIC. (by way of a demand draft in favor of INNOVATION CELL ACCOUNT payable at New Delhi or through NEFT/RTGS at INNOVATION CELL ACCOUNT, Account No:37903899633, IFSC: SBIN0050203, SBI, SHASTRI BHAWAN, RAJENDRA PRASAD ROAD, NEW DELHI 11000).
- ✓ As MIC needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period. Meanwhile, institute can plan and start the activities as prescribed from the date of issuance of sanction order.
- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order issued by this office. All correspondences related to the scheme must contain this number along with year of sanction of the scheme; failing which correspondence will not be entertained.

II. Progress Monitoring and Reporting of financial utilization

IIC institution needs to upload the quarterly or semester wise progress reports periodically in the Mentor-mentee portal and final report submission along with following supporting documents within prescribed period of the completion of Mentor- Mentee program activities.

✓ Usage of Fund:

Original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution, president of IIC Institute and countersigned by Registrar/Finance Officer/Govt. Auditor

or

In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

- ✓ The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE/MIC immediately after completion of the scheme to the following **Address: MoE's Innovation Cell(MIC), Room No. 316, 3rd Floor, AICTE HQ, Nelson Mandela Road, New Delhi-110070**
 - It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the scheme in the prescribed format and GFR-19 shall be submitted to the Council.

III. Prescribed Mentoring Activities for IIC Mentor Institutions

Under the Mentor-Mentee program, the mentor IIC institution will do the following suggestive activities for their mentee institutions;

1. The key functionaries of the IIC at the mentor institute will conduct orientation sessions for all key functionaries of IIC from the mentee institutions.

1. The mentor institute shall nominate its key IIC functionaries to join the IICs of the council of mentee institutions as external expert members.
2. The mentor institute is required to support all mentee institutions in organizing at least two activities from the IIC calendar activity plan, including identifying competent external experts and arranging sessions and honorariums for them.
3. The mentor institute shall organize a two-day exposure visit and training program focusing on pre-incubation, incubation facility creation, IPR filing and management, start-up services, and policy mechanisms (NISP, SIH, KAPILA, and others) to support both students and faculty from mentee institutions. Ideally, this should be conducted in person.
4. The mentor institution should recommend at least 50 new higher education institutions to establish an Institutional Innovation Council on their campuses. The list of HEIs allocated to the mentor institutions for referral through the IIC portal (referral section) and further follow-up to bring them into the IIC network.
5. The mentor institution is tasked with guiding a minimum of 50 inactive IIC institutes and follow-up with them and guide to make them active and have a functional IIC in the campus. The List of inactive IIC - HEIs allocated to the mentor institutions for guidance and follow-up to bring them into the IIC network will be available in the IIC portal.
6. The mentor institute needs to conduct a progress monitoring, feedback, and impact evaluation study visit to each mentee institution, especially towards the end of the IIC calendar year or in the fourth quarter. Ideally, this should be an in-person visit.
7. The mentor institution is expected to encourage, guide, and support mentee institutions in participating in various innovation and entrepreneurship initiatives of the Ministry of Education (MoE), such as adopting NISP, formulating I&E policies at the institute level, participating in NIRF Innovation Ranking, training Innovation Ambassadors, providing mentoring support to students, and establishing pre-incubation and incubation facilities, among others.
8. The mentor institute invites participation from mentee institutions in the innovation and entrepreneurship activities organized as part of the IIC calendar and self-driven activities.

**The activities 1, 2, and 3 may be organised either on online mode or physical mode as per the convenient to both mentor and mentee institutions.*

VII. Guideline for Conducting and delivering of the activities:

1. To conduct orientation sessions for all the key functionaries of IIC members of mentee institutions.
 - ✓ At least two orientations cum mentoring sessions for all mentee institutions or separate session for each mentee institution may be planned and conducted.
 - ✓ One orientation session should be organised at the beginning of the Semester/IIC Calendar year and one at the mid of IIC calendar year.
 - ✓ Orientation session shall be conducted on online mode using video conferencing platforms.
 - ✓ Key functionaries of mentor IIC institution shall join as mentor expert and will take the

session and explain the best practices, cases of their institute on how they are driving the I&E ecosystem highlighting resource mobilization strategies.

- ✓ A competent and experienced Key functionary from the mentor IIC institute will deliver the session on above objectives, and a maximum honorarium amount of Rs. 3000/- per expert per orientation session can be provided for this purpose.
 - ✓ A total budget of maximum Rs. 12000/- for two orientation sessions is provisioned.
2. Take part in the quarterly progress meetings of mentee institutions and provide guidance and support in planning, action plan preparation, and improvisation of I&E activities to be conducted in the mentee institutions.
- ✓ At least one-member representation from the mentor institution in each mentee institution is required.
 - ✓ The president of mentor IIC institute will nominate the member and he/she will take part in quarterly IIC meetings of IIC mentee institute.
 - ✓ Once the member nominated for the mentee institute, same member is required to continue till the end of the IIC calendar year.
 - ✓ Each nominated member need to take part in at least 3 such quarterly/semester meetings during the IIC calendar year.
 - ✓ Quarterly meetings shall be conducted on online mode using video conferencing platforms.
 - ✓ Role of member in mentee IIC institute is to actively participate in quarterly progress meeting of mentee IIC institutions and provide guidance on planning, action plan preparation, progress assessment and improvisation of I&E activities to be conducted in the mentee institutions.
 - ✓ Mentor IIC institute may provide an honorarium of Rs. 1000/- to the nominated members upon completion of the such meeting and submission of verified report along with meeting outcomes to the president of IIC institute.
 - ✓ A senior and competent IIC member of the mentor to take part in quarterly planning and review meetings conducted during the IIC calendar year in mentee institutions
 - ✓ A total budget of maximum Rs. 15000/- for participation in 15 numbers of meetings in 5 mentee institutions during the IIC calendar year.
3. **Planning and delivering of two IIC calendar activities for mentee IIC institutions**
- ✓ Mentor institute in coordination with mentee institutions will identify two IIC calendar activities to be conducted for the mentee IIC institutions.
 - ✓ Mentor institute will prepare the session plan and identify the external resource persons to deliver the session.
 - ✓ Repute and experienced experts drawn from national and regional ecosystem should deliver the session.
 - ✓ All mentee institute should ensure minimum participation of 50 nos includes IIC members, students and faculty members and staff.
 - ✓ Mentor IIC institute may spend expenses towards honorarium to the external experts. The honorarium of Rs. 3000/- per expert, two experts per session and two sessions per IIC calendar year to be conducted in mentee institute by the mentor institute.

1. Organize a 2 days long I&E exposure visit cum training program on I&E related theme such as pre-incubation and Incubation facility creation, IPR filing & management etc. for mentee institute representatives.
 - ✓ Mentor institute will plan, host and organize a 2-day long exposure cum training program for the participants from mentee IIC institutions.
 - ✓ Mentor institute shall get participant nominations from mentee IIC institutions. Mentee institutions can nominate up to two key functionaries of their IICs.
 - ✓ A total 10 participants from the 5 mentee institutions shall comprise the one cohort of training to be conducted on physical mode.
 - ✓ The mentor institute shall take care the venue related expenses and delivering the training program. Expenses may include expert's fee/honorarium, food, site visits, accommodation and training and communication material cost for the participants etc. A detail breakup is provided in Table 2.
 - ✓ The mentor institute shall reimburse the travel cost of nominee/representatives from the mentee institutions. Actual travel cost (road or train or flight) or the upper cap Rs. 5000/ mentee institute (with maximum 2 participants) can be accommodated.
 - ✓ A total budget of maximum Rs. 125000/- for a batch size of 10 participants from 5 mentee institutions is provisioned.
2. **Refer and Follow-up with 50 HEIs to establish IIC and join the IIC network.**
 - ✓ The mentor institution should do necessary follow-up with at least 50 higher education institutions to establish an Institutional Innovation Council on their campuses.
 - ✓ Ensure that the establishment of the referred institutes is approved by MIC and that the institutes actively participate in IIC activities.
 - ✓ The mentor institution needs to extend its mentorship wherever required for the referred institutions.
 - ✓ The list of HEIs allocated to the mentor institutions for referral through the IIC portal (referral section) and further follow-up to bring them into the IIC network.
3. **Follow-up with allocated inactive IIC institutions to make them active.**
 - ✓ Tasked with following up with at least 10 inactive IIC institutes and motivate them to get active.
 - ✓ Transforming these institutes into active participants within the Institution's Innovation Council (IIC).
 - ✓ Tailored mentorship and support to address specific needs of each institute.
 - ✓ Enhanced innovation culture and increased engagement in IIC initiatives.
 - ✓ The List of inactive IIC - HEIs allocated to the mentor institutions for guidance and follow-up to bring them into the IIC network will be available in the IIC portal.
4. To conduct visits to each mentee institution for progress monitoring & impact evaluation study especially towards the end of IIC calendar year or in the 4th Quarter.
 - ✓ The Key functionaries or nominated members of mentor IIC institution to mentee

institutions shall make a one-day visit to the campus of mentee institute to observe the progress, facility and function of IICs and discuss with the IIC members.

- ✓ Mentor expert will check the progress and provide feedback and on spot mentoring support to the mentee institute on improvisation of I&E ecosystem, strategies and how to improve the score and star of mentee institute.
 - ✓ An impact evaluation study shall be planned and conducted and represented. A well designed communication brochure and annual report of IIC institute with achievement and impact should be incorporated. Mentor institute will guide mentee institutions in preparing and finalizing the IIC annual reports.
 - ✓ The local and travel (road, train and air) expense of members shall be drawn from the budget provisioned.
 - ✓ A total budget of maximum Rs. 25000/- covers visits to 5 mentee institutions (Rs.10000 per member per visit covers TA and honorarium) is provisioned.
 - ✓ Mentee institute will provide local stay and organizing progress monitoring cum feedback/mentoring meeting should be planned in advance.
5. The mentor institution is expected to encourage, guide and handhold mentee institutions in participating various innovation and entrepreneurship initiatives of MoE such as adoption of NISP, formulation of I&E policy at the institute level, Training of Innovation Ambassadors, Mentoring support to students and establishment of pre-incubation and incubation facilities etc.
6. Inviting participation from mentee institutions for the innovation and entrepreneurship activities are being organised by mentor institute as part of IIC calendar, Self-Driven activities etc.
7. **Delivering activities of Mentor-Mentee Scheme**
- ✓ The President and concern program coordinator of the mentor institute shall be primarily responsible for the implementation of the project.
 - ✓ All mentee institutions are also required to nominate coordinators (one from each mentee institutions) as the co-coordinators of the project at mentee institution level.
 - ✓ Quarterly presentation on the planned activities and implementation progress should be submitted in the Mentor-Mentee section of the IIC Portal.
 - ✓ If it is found that the grant-in-aid released is not being utilized for the purposes for which it was intended for and the progress of the program is not satisfactory, action may be taken or funding support may be withdrawn.
 - ✓ Further extension of financial support from AICTE, MIC shall be based on the progress of the scheme and effective utilization of the earlier grant-in-aid provided.
 - ✓ If the Mentor institute coordinator leaves the institution, retires, or goes on long leave, the institute will appoint another Mentor Institute Coordinator to the program, and immediate intimation to the MIC in this regard.

VIII. Use of Logos

- ✓ In case of activities organized in online mode, the logos of MIC, AICTE and IIC should be used properly labelled and prominently displayed.

- ✓ In case of physical activities, logos of MIC, AICTE and IIC must be prominently placed in the banners/stage backdrop/podium/venue, and displayed.
- ✓ All publicity materials/ advertisements/ brochures/ invitation cards/ any other collaterals/ event backdrop etc. related to Mentor-Mentee Program must carry the MIC, AICTE and IIC logo.

VII. Activity Report

Both mentor and mentee institutions are required upload activity reports related to mentor- mentee program in the IIC portal. Following documents and reports are required to upload by end of every quarter/semester or periodically by the mentor and mentee institutions;

- ✓ Brief plan and calendar for the Activities to be conducted
- ✓ A time activity chart indicating schedule along with deliverables for each participating institution.
- ✓ Reports for the activities completed.
- ✓ Sessions details, experts' details and feedback from participants.
- ✓ Details of financial layout and expenses incurred for the activities.
- ✓ Copies of letters of intents/MOU are signed with mentee institutions.
- ✓ The Mentor Institute Coordinator must submit progress report every quarter indicating
 - a. The progress of the activities under Mentor-Mentee Scheme and the status of the grant-in-aid utilized.
 - b. Geotagged photographs (maximum 15) of all the activities under Mentor-Mentee Scheme.
 - c. A video of 2-minute duration (per mentee institute) having: (i) Introduction by Coordinator mentioning the name and state of Mentee IIC and Mentor IIC institute.
(ii) Activities conducted under Mentor-Mentee scheme (iii) How the Mentor- Mentee Scheme was beneficial to students, faculty and institute? (iv) Acknowledgement of AICTE/MIC support.

VIII. Monitoring

- ✓ AICTE/MIC may depute an Officer/Observer to oversee the quality of the conference and collect feedback from the venue

IX. Expected Outcomes

- ✓ Active participation and involvement of IIC members; students, faculty members and staff from both mentor and mentee institutions.
- ✓ A streamlined and strengthened innovation and entrepreneurship ecosystem with functional IICs in mentee institutions.
- ✓ Increase in awareness level among students, faculties and staff on recent developments and approaches in for innovation, entrepreneurship and intellectual property and their importance in wealth creation at individual level and national level.
- ✓ Nurturing leadership potential of student innovators, and entrepreneurs by providing them coordination role to achieve the program objective.
- ✓ Program will set foundation for institute's participation in MoE's Innovation and Entrepreneurship initiatives such as IIC, ARIIA, Hackathons, NISP, National Innovation Contest, and YUKTI and related programs at MIC and AICTE.

Dated: 29TH Feb. 2024

X. General instructions

- ✓ The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- ✓ This Sanction Order may be treated as Offer Letter for all purposes.

XI. Duration of the Project: Duration of project shall be of one IIC calendar year.

For more information, please write your query to Ms. Selvarani, Innovation Officer and Ms. Pooja Sharma, NRO IIC Zonal In charge.

Email: selva.rani@aicte-india.org, mm.iic.mic@aicte-india.org, Phone no: 011 2958 1513, 1235

Yours sincerely,



Dipan Kumar Sahu
Asst. Innovation Director
MoE's Innovation Cell

Copy forwarded for information and necessary action to:

1. Name and Address

Paavai Engineering College, Paavai Engineering College, Paavai Nagar, NH-44, Pachal, Namakkal.

2. Ho/IIC President

Paavai Engineering College

3. Office File



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

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

Dated: - 06.05.2024

Grant Support to Innovations - Sanction Letter

To

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

Sub: Release of **Rs. 100000/- (Rupees One Lakh only)** being the **Grant-in-Aid** under the **scheme of Grant Support to Innovations, MIC** for the year **2023-24** payable during the current financial year **2024-25** to **PAAVAI ENGINEERING COLLEGE**.

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of **Rs. 100000/- (Rupees One Lakh only)** as Grant-in-Aid under the **Grant Support to Innovations, MIC** Scheme for Innovation title "FABRICATION OF ADJUSTABLE DRUM SEEDER" as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	PAAVAI ENGINEERING COLLEGE, NH-44, Pachal, Namakkal Tamilnadu, PIN 637018
2.	Name of the Team Leader:	K. Ajay
3.	Duration of the scheme:	FY 2024-25
4.	Total Grant-in-aid Sanctioned:	Rs. 200000/-
5.	1 st Phase Amount (50% of Grant-in-Aid) to be released during the financial year 2024-25:	Rs. 100000/-
6.	Sanctioned grant-in-aid is debit to:	603.2 (a) General (MIC)
7.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	The Principal, Paavai Engineering College

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

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

I. Release of funds

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

Institute/ Incubation PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATP6024D	Union Bank of India	Namakkal	No.2, Paramathi Road, P.Bo. No-11, Namakkal Tamilnadu, 637002	The Principal, Paavai Engineering College	Savings	520101069986548	UBIN0902021