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-  City Cluster VISKP ▾
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-  Regional Meet 2025

Incubation Centers Pre Incubation Centers IPR/TTO Centers View & Edit Details

Incubation Units						
S.No.	Incubation Unit Name	Incubation Incharge Name	Incubation Incharge Email	Incubation Incharge Phone	Funding Agency/Schemes Available	Action
1	prc@diet.edu.in	Dr. K. Sujatha	9963993228	prc@diet.edu.in		 
2	MSME BI	Dr. K. Sujatha	9963993228	research@diet.edu.in	Own Resource	 
3	BSNL Research, Innovation and Incubation Unit	Dr. P Poorna Priya	9963994043	hodece@diet.edu.in	Own Resource	 

Pre incubation Details							
S.No.	Type	Pre-Incubation Unit Name	Pre-Incubation Incharge Name	Pre-Incubation Incharge Email	Pre-Incubation Incharge Phone	Website Url	Action
1	EDC	EDC Cell	Mr. A. Krishna Nag	academics@diet.edu.in	9963694444	https://my.msme.gov.in/inc/HiRegistration.aspx	 
2	Innovation Cell	R&D Center	Dr. S Ramana Kumar Joga	research@diet.edu.in	9490265958	www.diet.edu.in	 

IPR & TTO centers							
S.No.	Type	Facility Name	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Website Url	Action
1	IPR Cell	IPR Cell	Dr. B. Anjaneer Kumar	drbanjaneekumar@diet.edu.in	8125611985	diet.edu.in	 

QUICK LINKS

- ▶ Home
- ▶ Innovation Council
- ▶ SIH

SOCIAL MEDIA LINKS

-  Twitter
-  Facebook
-  Youtube
-  Instagram

CONTACT US

-  www.mic.gov.in
-  iic.mhrd@aicte-india.org
-  011 2958
- 1226/1513/1517/1235/1240



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NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

Funding and Mentoring

Grants-in-Aid

1. PI Responsibilities

1. The Principal Investigator is responsible for the preparation of the intellectual content for the proposal, determining the direction and conduct of the research or program activities during the project, and selecting, hiring and supervising project staff. The PI may hold primary responsibility for managing the project budget, completing technical reports, and any other award requirements necessary to maintain compliance with applicable sponsor and institutional rules and regulations or s/he may share this responsibility with a multi-investigator team.
2. The project handled by the faculty who acts as PI should prepare the relative documents related to the project selected and respective papers as per the funding agency/Consultancy.
3. A departmental review committee should take care about the data and ethical proposal forwarded to the principal for further execution.
4. The PI should check the requirements for consequent release of funding such as new bank account, daily attendance register, monthly performance and details related to seminars/conferences/journals involved in the project.
5. The PI appoints the required number of project associates by means of an advertisement and payment for such associates is made based on the details of funding agency and budget details.
6. The PI's should present the progress of the work in presence of principal, R& D convenor and other subject experts.



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7. The PI's should prepare the draft utilization sheet which was verified duly audited by the Chartered accountant before submitting to the funding agency.
8. Any other material expenses, in house lab requirements those are not covering under project by funding agencies are met by the college authorities from the institutional research funds with permission from the principal.
9. The outcomes of the project in the form of prototype developed/innovation report/process through collaborative agencies are to be published in high reputed journals and the relevant endeavors are made for patent necessary support gets extended by the institute.
10. As far as the intra-institutional research is concerned, the PI should allow to encourage the upgraded the project work in collaboration with IIT's, NIT's , other premier universities, Engineering institutions having research interest.

2. CO-PI Responsibilities

1. A Co-PI is a senior member of the key personnel team whose role is similar to that of the PI in determining the intellectual content, direction, and conduct of the research or program activities. A Co-PI may share equal responsibility with the PI for project oversight, budget management, and reporting as part of a multi-investigator team or may direct a particular portion of the project and retain limited administrative oversight over the award.
2. All PI and Co-PIs are required to review the proposal before submission and certify the following
 - a. The information submitted within the application is true, complete and accurate to the best of his/her knowledge.
 - b. Any false, fictitious, or fraudulent statements or claims may subject him/her to criminal, civil, or administrative penalties.
 - c. S/he accepts responsibility for the scientific conduct of the project and submits required progress reports.
 - d. S/he agrees to the project commitments within the specific time and budget
3. The faculty of the college who acts as Co-PI should follow the instructions which are



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applicable to PI.

4. The Co-PI allows to grab the opportunities such as lab, student project team etc. based on the availability and the decision of head of the institution is final in regard this.

3. JRF/SRF Regulations

1. Every doctorate shall apply for a minimum of one government funded project.
2. Every faculty shall apply for internal project with an aim to apply for external funding. The required seed money for internal projects is provided by the University.
3. The university shall provide the basic infrastructure required to conduct either internal funded or external funded research.
4. All departments shall strive for recognition by National/International agencies through schemes/funding such as DST-FIST, SAP, CAS etc.,
5. Faculty are encouraged to identify inter-disciplinary research in their chosen field of research.
6. The faculty of all the departments of the university shall tie-up with industries and corporate bodies to undertake funded research in emerging areas and industry relevant areas.
7. The university shall create special research groups to concentrate research in government listed areas.
8. All innovative projects of faculty are earmarked for filing patents on successful completion, suitable recognition and remuneration is given to that faculty with patents.
9. Norms are fixed to pay expenses towards procurement of equipment to that faculty working on funded projects.
10. Meritorious research work by faculty is awarded with monetary incentives.
11. All research conducted shall be covered by IPR and copyright protected.

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List of projects and grant details

Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co Investigator	Month and Year of receiving the fund	Funds provided (INR in lakhs)	Duration of the project
Dr. ASLK Gopalamma/ Dr. J. Ganesh Prasad Reddy	Unitech Systems	Non-Government	EEE	Jan-25	1,50,000	12 months
Dr. P. Poorna Priya/ Mr. R Suneel Kumar	DATAPRO Computers Pvt Ltd	Non-Government	ECE	Jan-25	50,000	3 months
Dr. P. Poorna Priya/ Dr. Anjanees Kumar B	Pratyusha Enterprises	Non-Government	ECE	Mar-25	50,000	3 months
Dr. K. Sujatha	ICT Academy of Tamil Nadu	Non-Government	CSE	Mar-25	12500	3 Days
Dr. K. Sujatha	ATAL FDP-AICTE	Government	CSE	May-25	3,50,000	5 Days
					6.125L	



Dr. R. Vaikunta Rao
Principal
Dadi Institute of Engineering & Technology
Autonomous
Anakapalle - 531002

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E copy of the grant award letters

Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co Investigator	Month and Year of receiving the fund	Funds provided (INR in lakhs)	Duration of the project
Dr. ASLK Gopalamma/ Dr. J. Ganesh Prasad Reddy	Unitech Systems	Non-Government	EEE	Jan-25	1,50,000	12 months
Dr. P. Poorna Priya/ Mr. R Suneel Kumar	DATAPRO Computers Pvt Ltd	Non-Government	ECE	Jan-25	50,000	3 months
Dr. P. Poorna Priya/ Dr. Anjanees Kumar B	Pratyusha Enterprises	Non-Government	ECE	Mar-25	50,000	3 months
Dr. K. Sujatha	ICT Academy of Tamil Nadu	Non-Government	CSE	Mar-25	12500	3 Days
Dr. K. Sujatha	ATAL FDP-AICTE	Government	CSE	May-25	3,50,000	5 Days
					6.125L	




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Principal
Dadi Institute of Engineering & Technology
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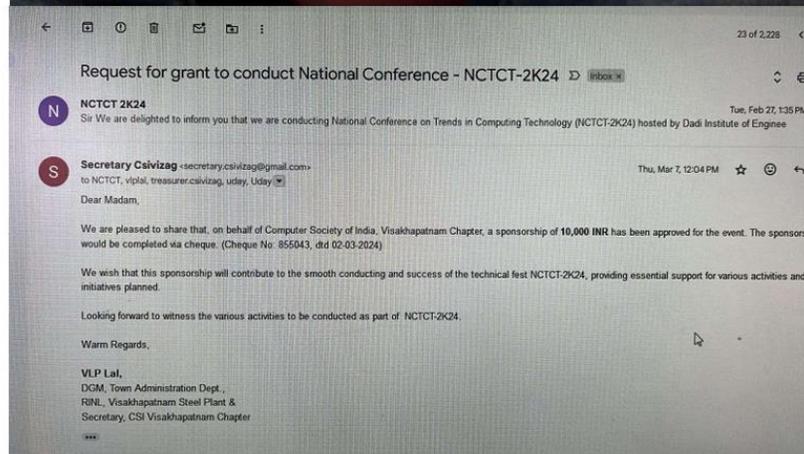
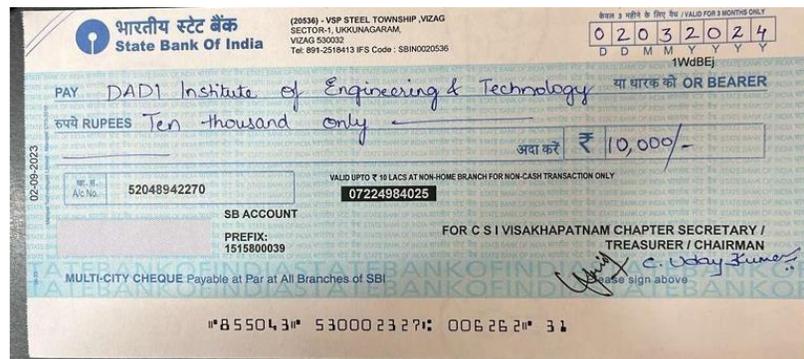
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List of projects and grant details

Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator / Co Investigator	Month and Year of receiving the fund	Funds provided (INR in lakhs)	Duration of the project
Dr K Sujatha	DATAPRO Computers Pvt Ltd	Non-Government	CSE	Dec-23	1,00,000	12 months
Dr K Sujatha	SoftTech Pvt Ltd	Non-Government	CSE	Jan-24	64,000	12 months
Dr K Sujatha	GrafX IT Solutions Pvt Ltd	Non-Government	CSE	Feb-24	63,000	12 months
Dr K Sujatha	CSI	Non-Government	CSE	Mar-24	10000/-	2 days
Mr. Y. Hemanth Kumar	COIGNITE EDTECH SERVICES PRIVATE LTD	Non-Government	CIVIL	APR-24	1,80,000	12 months



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1st Floor of Surya Chandra Dept. Stores Building, Steel Plant General Hospital Road, Vepachettu Junction
AGANAMPUDI, Visakhapatnam, softtechsolutions.vizag@gmail.com, www.softtechsolutions.in
MOBILE : 81259 34357, 99481 34357 GST 37ALCPP5593J1ZJ

5th January 2024

To
M/s DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
Anakapalle

PO Ref No:

With reference to your proposal and based on your quotation, SOFTTECH PVT. LTD. is pleased to fund the project for Dadi Institute of Engineering and Technology (DIET). We look forward to seamless coordination and fostering a strong relationship with DIET to facilitate future projects and meet our human resource requirements.

S.No	Principal Investigator(s)	Description & Concept	Cost for Development
1	PI: Dr.K.Sujatha, Professor, HOD CSE Co-PI :Dr.M.Srinivasa Rao, Professor	Identifying and Analyzing Diabetes risk Factor with Machine Learning	Rs. 64,000/- (Sixty Four Thousand only)

The overall Major objectives of the project are

- Identify key risk factors contributing to diabetes.
- Predict the likelihood of developing diabetes using ML models.
- Enhance early detection through pattern recognition in health data.
- Provide personalized risk assessments for individuals.
- Support healthcare professionals in decision-making.

Terms and Conditions

- Ensure compliance with relevant health data protection laws (e.g., HIPAA, GDPR).
- Use de-identified and secure datasets for analysis.
- Obtain explicit consent from data contributors.
- Restrict access to data and models to authorized personnel.
- Prohibit the misuse of findings for non-project purposes.



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Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

DATAPRO COMPUTERS PVT. LIMITED

Registered Office :

9-14-1, Flat No. : 301 & 302, 2nd Floor,
Kolu Empire, VIP Road, CBM Compound, Siripuram,
Visakhapatnam - 530 003, Andhra Pradesh, India.
Ph : 0891-2507227, 2707227



Date: 22-Dec-2023

To
M/s DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
Anakapalle, Visakhapatnam

PO Ref No: DIET/2023/REC01

With reference to your proposal and based on your quotation, DATAPRO COMPUTERS PVT. LTD. is pleased to fund the project for Dadi Institute of Engineering and Technology (DIET). We look forward to seamless coordination and fostering a strong relationship with DIET to facilitate future projects and meet our human resource requirements.

S.No	Principal Investigator(s)	Description & Concept	Cost for Development
1.	PI: Dr.K.Sujatha, Professor, HOD CSE Co-PI: Mrs.M.Sharmila, Assistant Professor	Eye Disease Diagnosis using Machine Learning	Rs. 1,00,000/- (One Lakh Rupees only)

The overall Major objectives of the project are

- Utilize advanced machine learning to achieve high precision in classifying eye diseases.
- Minimize false positives and false negatives in diagnosis.
- Replace manual analysis with automated diagnostic tools to enhance speed and accuracy.
- Enable real-time processing of medical images for faster diagnosis.
- Develop a cost-effective solution that can be used in remote and underserved areas.
- Protect patient data with robust security measures.

Terms and Conditions

- The clients have to meet the System Requirements as specified in manual.
- The developers are not responsible for incorrect diagnoses resulting from inaccurate data input or system misuse.
- Users must ensure that they are trained and authorized to use the system in a clinical environment.

Thank you for your proposal and the excellent coordination extended to us.

Kind Attention : Dr.K.Sujatha, Professor, HOD CSE



CIN No. U72900AP2008PTC061122. E-mail : info@datapro.in , corporate.datapro@gmail.com

Website : www.datapro.in



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GRAFX IT SOLUTIONS PVT. LTD.

#47-3-29/2, First Floor, Dwarakanagar 5th Lane, Visakhapatnam, Ph. : 0891-257510
website : www.grafx-itsolutions.com

Date: 8-02-2024
Visakhapatnam.

To
M/s DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
Anakapalle

PO Ref No: 121/24-25

With reference to your proposal and based on your quotation, GRAFX IT SOLUTIONS PVT. LTD. is pleased to fund the project for Dadi Institute of Engineering and Technology (DIET). We look forward to seamless coordination and fostering a strong relationship with DIET to facilitate future projects and meet our human resource requirements.

S.No	Principal Investigator(s)	Description & Concept	Cost for Development
1	PI: Dr.K.Sujatha, Professor, HOD CSE Co-PI: Mrs. S. Venkat Lakshmi, Assistant Professor, CSE	Machine Learning approach to Medicare pro	Rs. 63,000/- (Sixty Three Thousand Rupees only)

The overall Major objectives of the project are

- > Predict patient outcomes and improve care quality.
- > Enhance disease diagnosis accuracy.
- > Optimize resource allocation and reduce costs.
- > Enable personalized treatment plans.
- > Detect anomalies and prevent fraud.
- > **Terms and Conditions**
 - > Secure storage and handling of patient data.
 - > Use data solely for the stated project objectives.
 - > Ensure transparency in data collection and usage.
 - > Maintain accountability for model predictions and outcomes.

Thank you for your proposal and the excellent coordination extended to us.

Kind Attn to: Dr.K.Sujatha, Professor, HOD CSE

Thanking You

CIN NO. : U72900AP2009PTC064099 :- GSTIN : 37AADCG5165C2ZR :-

Hyderabad Office: 103, Swathi Manors, Mytrivanam Road, Ameerpet, Hyderabad, Ph. : 98488 85237, 98482 94142



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S.No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year	Amount Sanctioned	Name of the Funding Agency
1	Quality Initiatives on Effective Pedagogical Methods to Obtain Expected Outcomes	Dr. R. Vaikunta Rao	Civil	2023	Rs.30,000/-	NAAC
2	CC Cube testing and soil testing	Mr. N. Ramu	Civil	2022	Rs.67,000/-	Phalnx chemicals, MSME technology, Amul Constructions
3	Mission Amrit Sarovar	Mr. N Ramu	Civil	2022	Rs.2,00,000/-	AICTE

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ನಿರ್ದೇಶಕರು

प्रो. एस.सी. शर्मा
निदेशक

Prof. S.C. Sharma
Director



ರಾಷ್ಟ್ರೀಯ ಮೌಲ್ಯಾಂಕನ ಮತ್ತು ಮಾನ್ಯತಾ ಪರಿಷತ್ತು
ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಸ್ವಾಯತ್ತ ಸಂಸ್ಥೆ

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

NAAC/Seminar/LG /2023/176

21st March 2023

The Principal

Dadi Institute of Engineering and Technology
National Highway-16, Anakapalle
Visakhapatnam – 531002, Andhra Pradesh

Respected Sir/Madam,

Greetings from NAAC.

This is with reference to your proposal seeking NAAC financial assistance/academic support for organizing state/national level workshop/seminar/conference in your institution on the topic **Quality Initiatives on Effective pedagogical methods to obtain expected outcomes**. After due consideration your proposal has been accepted for financial assistance of **Rs.30,000/-** (Rupees Thirty-Thousand only). The balance amount required to organize this activity may kindly be mobilized at your end. The financial assistance is subject to the adherence to the enclosed procedures for release of sanctioned grants and settlement of the same. NAAC appreciates the initiative taken by your institution and hope that the institution will continue to strive for quality and excellence in Higher Education.

The seminar/workshop has to be conducted on the scheduled date(s) as mentioned in the seminar proposals sent to NAAC. In case of any change in scheduled date the institution should get an approval from respective regional coordinator of NAAC for the same. The claims have to be received by NAAC **on or before a month after seminar/workshop**. In case of any delay in submission of the claims the reimbursement will not be made and NAAC will not be liable for the expenditure incurred.

Yours sincerely,

S. C. Sharma

(Prof. S.C.Sharma)

Encl: a/a

Cc: Southern Region Coordinator

(Dr. M. S. Shyamasundar, Adviser, NAAC; naacsouthern@gmail.com)

Member Convener, Seminar Committee, NAAC.

Dr. Leena Gahane, Deputy Adviser, NAAC; leenagahane.naac@gmail.com



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



Sanction Letter
AICTE Mission Amrit Sarovar – Jal Dharohar Sanrakshan Internship

F.No.: 1-1/NEAT/AMRIT/2022-23/ AMS-JDS - 351

Date: 22nd August, 2022

To

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

Sub: Release of a sum of **Rs.100000/- (Rupees One Lakh Only)** being the 2nd installment eligible amount **Grant-in-Aid** under the **Mission Amrit Sarovar – Jal Dharohar Sanrakshan** for the duration 1st July 2022 to 5th August 2022 and payable during the current financial year **2022-23**- reg.

Sir/ Madam,

With reference to the Mission Amrit Sarovar Jal Sarovar Sanrakshan Internship, for the participating institute, this is to convey that the sanction of the Council for payment of 2nd installment eligible amount of **Rs.100000/- (Rupees One Lakh Only)** as sanctioned Grant-in-Aid under the **Mission Amrit Sarovar Jal Dharohar Sanrakshan**, as per details given below:

1.	Name and address of the Beneficiary Institution:	DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY Dadi institute of engineering and technology, NH-16, Anakapalle, Andhra Pradesh-531002
2.	Scheme under which grant is to be released	Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS)
3.	Water Body Allocated	Bhimeswara temple, Samalkot
4.	Name of Head of Institute (HOI):	Dr.CHALLA NARASIMHAM
5.	Name of Institute Nodal Officer (INO):	Er.N.RAMU
6.	Duration of the project:	1 st July 2022 to 5 th August 2022
7.	Total Budget allocated for Each Water Body	Rs. 2,00,000/- (Rupees Two Lakh Only) 1 st Installment – Rs. 1,00,000/- 2 nd Installment Balance Eligible Amount – Rs.100000/-
8.	Sanctioned Grant-in-Aid is debit to:	601.23 (a)

- 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.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as guidelines of the Jal Dharohar Sanrakshan Internship guidelines as already communicated, and also being communicated in this letter.

The instructions/ guidelines linked with Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS), to be followed by University/ Institution are as given below:

I. Release of funds

- The sanction is issued in exercise of the powers delegated to the Council and other terms & conditions laid down in the

1-1/NEAT/AMRIT/2022-23/ AMS-JDS/ 351

Date: 20-01-2025

To
M/s DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
Anakapalle.

PO Ref No: 2024-2025/01-03

With reference to your proposal and based on your quotation, Unitech Systems. is pleased to fund the project for Dadi Institute of Engineering and Technology (DIET). We look forward to seamless coordination and fostering a strong relationship with DIET to facilitate future projects and meet our human resource requirements.

S.No	Principal Investigator(s)	Description & Concept	Cost for Development
1.	PI: Dr. A. S. L. K. Gopamma Assoc. Professor in EEE, DIET Co-PI :Dr. J. Ganesh Prasad Reddy Professor in EEE, DIET	Pico Hydro Power Generation in wastewater systems	Rs. 1,50,000/- (One Lakh Rupees only)

The overall Major objectives of the project are

1. To study the selected wastewater system area arial specifications like humidity level, temperature and the impact of the regional constraints.
2. Modeling the pico hydro power generation system.
3. Designing the prototype at the test site.
4. Case study on impact analysis.
5. Final product and validation

9948176606, 7989608893 | 

D.No: 1-69-5/1, Ganesh Nagar, Chinnamushidiwada
Pendurthi, Visakhapatnam, Andhra Pradesh - 531173 | 

unitechsystems.ap@gmail.com | 

GSTIN: 37ASKPP3632K2ZA | 

The specifications are mentioned below

Floating pico – Hydro Specifications	
Specification	Unit
Material	Aluminum
No. of Float	2
Dimension of float	30cm x 100cm x 30cm
Total length	100cm
Total width	120cm
Diameter ratio pulleys wheel and generator	10:1

Terms and conditions:

1. The funds provided by the funder will be used exclusively for the execution and completion of the project as described in the project proposal or any amendments agreed upon by both parties.
2. The Funder agrees to provide a total of Rs. 1,50,000/- to the recipient, subject to the terms outlined in this Agreement. The funds will be disbursed according to the schedule agreed upon by both parties.
3. The funds will be released after completion of the project.
4. The Recipient must use the funding exclusively for the Project, including costs for materials, labor, and services directly associated with the completion of the Project. Any deviation from the agreed-upon budget must be approved by the Funder in writing.
5. The Recipient agrees to provide progress reports, financial statements, and other documentation as requested by the Funder to ensure that the funds are being used as intended.

Thank you for your proposal and the excellent coordination extended to us.
Kind Attn to : Dr.A S L K Gopalamma, Assoc. Prof, HOD EEE

For UNITECH SYSTEMS



9948176606, 7989608893 | 

D.No: 1-69-5/1, Ganesh Nagar, Chinnamushidiwada | 
Pendurthi, Visakhapatnam, Andhra Pradesh - 531173

unitechsystems.ap@gmail.com | 

GSTIN: 37ASKPP3632K2ZA | 

April 2, 2025

To
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY-AUTONOMOUS
Anakapalle

With reference to your proposal and based on your quotation, DATAPRO COMPUTERS PVT. LTD. is pleased to fund the project for Dadi Institute of Engineering and Technology (DIET)-Autonomous. We look forward to seamless coordination and fostering a strong relationship with DIET to facilitate future projects and meet our human resource requirements.

S.No	Principal Investigator(s)	Description & Concept	Cost for Development	Duration
1.	PI: Dr.P. Poorna Priya Professor, HOD ECE Co-PI: Mrs.P.Amrutha, Assistant Professor, ECE	Hand Gesture Driven Drone using Computer Vision Technology	Rs. ₹ 50,000 (Fifty thousand Rupees only)	6-January-2025 to 26 th March - 2025
2.	Mr. R.Suneel Kumar Assistant Professor, Department of ECE			

1. Introduction & Concept

- Develop a drone control system that responds to hand gestures using computer vision.
- Utilize a camera-based vision system to track and interpret hand gestures in real time.
- Eliminate the need for a physical controller, making drone control intuitive & user friendly.

2. Objectives

Hardware Development

- Select and integrate a drone platform suitable for gesture-based control.
- Equip the drone with a camera (or use an external camera for gesture recognition).
- Ensure **stable flight control with onboard sensors (gyroscope, accelerometer, etc.)**.

Computer Vision & Gesture Recognition

- Implement a hand-tracking algorithm using OpenCV, MediaPipe, deep learning model.
- Train a machine learning model to recognize predefined hand gestures.
- Optimize real-time gesture detection for smooth drone control.

Drone Control Mechanism

- Map recognized gestures to specific drone actions (e.g., takeoff, land, move forward, rotate).
- Establish communication between the vision system and the drone (Wi-Fi, Bluetooth, or RF).
- Ensure low-latency response to hand gestures for a seamless user experience.

Software & Algorithm Development

- Develop a software interface to process video input and extract hand gesture data.
- Implement filtering techniques to improve recognition accuracy in different lighting conditions.
- Integrate gesture commands into the drone's flight control system.

Testing & Optimization

- Conduct real-world testing to validate gesture recognition accuracy.
- Optimize system performance for different hand sizes, angles, and lighting conditions.
- Improve robustness to avoid unintended gestures triggering drone movement.

User Interface & Safety Measures

- Design an intuitive UI for users to configure gestures and control settings.
- Implement emergency stop and fail-safe mechanisms for safe operation.
- Ensure compliance with aviation and drone regulations.

Terms and Conditions

- The clients have to meet the System Requirements as specified in manual.
- The developers are not responsible for incorrect diagnoses resulting from inaccurate data input or system misuse.
- Users must ensure that they are trained and authorized to use the system in a clinical environment.

Thank you for your proposal and the excellent coordination extended to us.

Kind Attn to :Dr.P. Poorna Priya Professor, HOD ECE

- Thank you



Datapro Computers Pvt Ltd



PRATYUSHA ENTERPRISES

Appreciation Letter

Date: 25.03.2025

To

Dr. P Poorna Priya (PI)
Associate Professor,
Department of ECE,
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY- Autonomous

Dr. B Anjanee Kumar (Co-PI)
Associate Professor,
Department of ECE,
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY- Autonomous

Dear Professor,

I would like to extend my sincere appreciation for the successful fulfillment of the project “**Design and Prototyping of Metamaterial Structure based Antenna for Sub 6 GHz Wireless System Applications**” within the given duration and with good outcomes. The following antenna modules are fabricated with good accuracy and meet the given specifications and are suitable to our requirements. Your efforts put into this project and your professional expertise are appreciated. The Project amount as ₹ 50,000/- is processed to the **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY** account as per the project work order.

S.NO	Antenna Models	Qty	Amount
1	Design of Metamaterial Structure based Antenna for Sub 6GHz Applications	1	₹9700/-
2	Optimization and Analysis of the Antenna with FEM based EM-Tool	1	₹8300/-
3	Prototyping of the metamaterial antenna on Rogers substrate with Fully Automated Prototype Machine/Chemical Etching Process	1	₹15,500/-
4	Experimental Validation with testing on VNA and Anechoic Chamber	1	₹16,500/-
Total			₹50,000/-

We would like to give a few more consultancy projects in the near future. I hope you will continue your spirit in our future projects too. I extend my wishes to all your team members of your research center.

Yours sincerely,
For PRATYUSHA ENTERPRISES

Pratyusha
Proprietor/Manager

INVOICE

Date: 23-03-2025

To
ICT Academy of Tamil Nadu
Module No E-6-03,
6th Floor Block -E,
IIT Madras Research Park,
Kanagam Road, Taramani,
Chennai- 600113.

INV. NO.	DETAILS	AMOUNT (Rs.)
1/2024-25	Towards setting up the "Advanced IT Skills Training - A CSR Initiative by IBM India Pvt Ltd" - A joint Certification Skill Training on "Certificate Course on DATA ANALYTICS" Batch ID: G4468 Students Count: 63 Training Start Date: 26-03-2025 Training End Date: 29 -03-2025	Rs. 12,500.00
	Total	Rs. 12,500.00

Amount in words: Twelve Thousand Five Hundred Only

Payment may please be released in favor of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY** (or) Transfer Online.

Bank: HDFC BANK LTD
A/c. No: 10321450000023
Branch: ANAKAPALLE
IFS Code: HDFC0001032
PAN No: AACTS1180R



R. Srinivas
23/03/25

Principal
**Dadi Institute of
Engineering & Technology**
Autonomous
Anakapalle - 531 002



All India Council for Technical Education



(Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi 110 070
Website link: <https://www.aicte-india.org/atal>

Training and Learning Bureau
Sanction Letter

F. No. 1743583519/AICTE/ATAL/2025-26

Dated : 03/06/2025

To

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

Sub: Release of a sum of Rs. 2,50,000/ (Rupee Two Lakh Fifty Thousand only) being the first instalment of the Grant-in-Aid under AICTE Training and Learning (ATAL) Academy Programme for the Academic year 2025-26 - reg.

Sir/Madam,

This is to convey the sanction of the Competent Authority of the Council for payment of **Rs. 3,50,000/- (Rupees Three Lakhs Fifty Thousand Only)** as Grant- In -Aid for conducting of Face to Face **ATAL Basic Faculty Development Programme** under AICTE Training and Learning (ATAL) Academy Programme and to make payment of **Rs. 2,50,000/- (Rupee two Lakh Fifty Thousand only)** as first instalment of Grant-in-Aid as per details given below:

1	Name of the Beneficiary Institute (University/College/Institute)	DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (DIET)
2	Address	Anakapalle, Visakhapatnam, Andhra Pradesh-531002
3	Name of the Coordinator	Dr.Karimisetty Sujatha
4	Permanent ID of Institute	1-8547648
5	Title	Empowering Innovators with Progressive Design Thinking Approach
6	Dates of FDP	6/30/2025 to 7/5/2025
7	FDP Type	ATAL BASIC FDP
8	Total Amount Sanctioned	Rs. 3,50,000/-
9	Amount to be released as 1 st Instalment	Rs. 2,50,000/-
10	Amount to be released as 2 nd Instalment (Case to case basis upon submission of Statement of Expenditure)	Rs.1,00,000/- (Cap Limit)

The instructions/guidelines to be followed by University/Institution

I. Release of funds

a. The maximum cost for conducting per programme will be of **Rs. 3,50,000/-** as per detail given as under:

Sr. No.	Particulars	Sanctioned amount for <u>2025-26</u> for ATAL Basic FDPs
1.	Honorarium to Co-ordinator	Rs. 8,000/-
2.	Honorarium to Co-Co-ordinator	Rs. 5,000/-
3.	Honorarium for computer operators/lab-Technicians	Rs. 5,000/- (in total)
4.	Honorarium for experts (Rs. 7000/- per session)	Rs. 70,000/- (10 sessions)
5.	TA to External experts engaging sessions (reimbursement in actual against original bills)	Rs. 1,00,000/-
6.	Refreshment & Lunch	Rs. 60,000/-
7.	Consumable items, inauguration and veldictory functions, and Miscellaneous Charges etc.	Rs. 22,000/-
8.	TA to Participants (Only for external participants)	Rs. 60,000/- per External Participant, lamp sum Rs. 1200/- payable only for those with >=90% attendance and travelling beyond 20 KM one side)
9.	Industrial Visit (Travel expense and visit charges, if any)	Rs. 20,000/-
	TOTAL	Rs. 3,50,000/-

- (b) The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.
- (c) The amount of the Grant-in-Aid bill shall be disbursed and credited to the account of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (DIET)** through **RTGS**.
- (d) This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated vide the scheme document.
- (e) The sanctioned grant-in-aid is debitable to the AICTE Training and Learning (ATAL) Academy Programme and is valid for payment during the **financial year 2025-26** only.
- (f) Funds once released for organising the approved topic/area of FDP cannot be utilised for any other programme.
- (g) In case the event is cancelled/not conducted/could not conduct due to lack of required participants on the first day first session, the Grant- In-Aid shall be **refunded to AICTE within 07 days**.
- (h) In case it is revealed that any vigilance case/ grievance is pending against the institute or punitive action has been initiated against the institute for violation of AICTE norms, the Grant-In-Aid released to the institute will be liable to be refunded along **with interest @ of 10% per annum**.

2. Maintenance of Account by the Institute/University

- (a) The University/College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilised only on approved items of expenditure as given above.
- (b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.

- (c) The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilised for the purpose for which it was sanctioned.
- (d) The Institute shall send a confirmation to AICTE within 15 days of receipt of grant on the receipt of the same.
- (e) All mandatory documents **in original in hardcopy** be submitted to The Director, Training & Learning Bureau, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi -110070 within **fifteen days of completion** of the FDP

II. Distribution of funds to institutions,

Amount of the grant sanctioned will be released in two instalments; first as advance of Rs. 2,50,000/- and then as reimbursement against the utilization Certificate and Statement of Expenditure, limited to Rs. 1,00,000/- to the University/Institute through electronic transfer in the account of the University/Institute after submission of mandate form.

Institute Bank Account Details

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account type	Account number	IFSC Code
AACTS1 180R	HDFC BANK LTD	MAIN BRANCH, 1032	Main Road, opp Satyanarayan Thearter, Anakapalle - 531001	Dadi Institute of Engineering & Technology	Saving	1032145 0000023	HDFC00 01032

III. Refund of Grant by way of a Demand Draft in favour of Member Secretary, AICTE, New Delhi

The unutilized Grant-in-Aid should be refunded to the Council **within fifteen days** of conduct of the FDP. If the university/institute does not conduct FDP on the prescribed dates, or fails to follow directions in regard to conduct of FDPs as laid out in the scheme document the entire amount will be liable to be refunded within 07 days. The amount has to be refunded to AICTE through RTGS as per details given below:

Account Number	55113200222
Name of the Account Holder	Member Secretary, AICTE, New Delhi
Bank Name	State Bank of India
Branch Name	Shastri Bhawan, New Delhi
IFSC Code	SBIN0050203

IV Submission of documents by University / Institution

- (a) The following mandatory relevant documents are required to be submitted by the University / institution in original in hardcopy within fifteen days of the completion of the programme.
- (i) Utilization Certificate (UC) as per Annexure –I of Scheme Guidelines
 - (ii) Statement of Expenditure (SoE) as per Annexure-II of Scheme Guidelines
 - (iii) Original bills
 - (iv) FDP Report duly acknowledged and signed by Coordinator and Hol

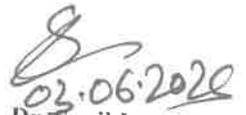
(b) Documents required to be uploaded in soft/scanned format in the ATAL Portal.

- (i) List of participants who have successfully completed the FDP on the basis of the continuous, comprehensive assessments (in EXCEL Format).
- (ii) FDP Report including photographs, YouTube links and Media report (News/Media/Magazine cuttings/clippings)
- (iii) Utilization Certificate & Statement of Expenditure as per Annexure I & II
- (iv). Assessment questionnaire and Results of assessment (EXCEL format)

V General Instructions

- (a) Maximum 50 and minimum 30 minimum number of participants relaxed to 20 for North Eastern states Jammu, Kashmir, Ladakh and Andaman & Nicobar Islands).
 - (b) A test has to be conducted on the last day accordingly. Scheme document 2025-26 and those who score more than 70% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 70% in the test will be issued a digital certificate.
 - (c) Eligibility for institutions and participants are as laid out in the scheme guidelines
 - (d) No fees shall be charged from any participant for attending ATAL FDP.
 - (e) The institute should bear the expense incurred in addition to the fund granted by AICTE from their own resources.
 - (f) Terms and conditions laid out in the Scheme Guideline for ATAL FDPS 2025-26 will be final and binding.
- This Sanction Letter may be treated as Offer Letter for all purposes.

Yours Sincerely,


02.06.2020
Dr. Sunil Luthra,
Director,
Training and Learning Bureau, AICTE

Copy forwarded for information and necessary action to: -

1. Dr.Karimisetty Sujatha, Email: sujathakota22@gmail.com
2. VAIKUNTA RAO RUGADA, Anakapalle, Visakhapatnam, Andhra Pradesh-531002
3. Guard File