

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS 2025 - Sanction Letter**F. No AICTE/TLB/RPS(New)/RPS-1-2478389201-2025-2645/112****Date: 17/06/2026****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.3225000/- being the 1st installment of the total grant of Rs.3400000/- for conduct of Project under Research Promotion Scheme (Lab to Market) 2025-26 during the financial year 2026-27.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs.3225000/- (Rupees Thirty Two Lakh Twenty Five Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.3400000/-** for conduct of a Project under the Research Promotion Scheme (RPS)- Lab to Market, as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	:	Registrar / Director / Principal, CHRIST COLLEGE OF ENGINEERING, CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA THRISSUR 680125 KERALA, INDIA, Kerala
II.	Principal Investigator's Name & Dept./Course	:	Dr. Nitha C Velayudhan (Computer Science and Engineering)
III.	Co-Principal Investigator's Name & Dept.	:	Neethu P R -Belong to Parent Inst.:Yes (Computer Science and Engineering)
IV.	Grant-in-aid Sanctioned	:	Rs.3400000 /- (Rs.3050000/- for non-recurring and Rs.350000/- for recurring expenditure)
V.	Amount to be Released during the year 2026-27 (as 1st installment)	:	Rs.3225000/- (Rs.3050000/- Full amount of non-recurring & Rs.175000/- recurring i.e. 50 % of total sanctioned recurring grant)
VI.	Project Duration	:	3 Years
VII.	Title of the Project & Emerging field	:	Dual-Drone Autonomous Rescue System Emerging field: (Disaster Management & Resilient Infrastructure)

I. Preamble and Project Scope Clarification

The grant is strictly approved for the specified research project and must be carried out exactly as per the sanctioned objectives, methodology, and design. Any major changes to the project is not allowed and the grant will be treated as cancelled and the All India Council for Technical Education will initiate necessary action including funding ban of at least five years. AICTE also has the right to inspect the project at any time without notice, and the PI must maintain detailed records of all research activities and decisions for review.

II. Release of funds:

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of **CHRIST COLLEGE OF ENGINEERING, CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA THRISSUR 680125 KERALA, INDIA, Kerala.**
2. The sanctioned grant-in-aid is debitable to the **Major Head "602.44.a Non-Plan – Gen"** and is valid for payment during the financial year 2026-27.
3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

4. Interest Accrual and Refund of Unspent Grant

- a. Any unutilized amount of the released grant, along with accrued interest (if any), shall be refunded by the institute within 30 days after completion of the project or the deadline (whichever is earlier). Failing this, interest at 10% per annum shall be charged from the date of project completion until the date of refund. If the unutilized amount along with interest is deposited after 60 days, interest shall be charged at 18% per annum.

- b. Refund Mechanism: Unspent grant + accrued interest shall be transferred via RTGS using the following AICTE account details:

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

III. Maintenance of account by the Institute/PI:

- Funds covered by this grant shall be kept in a separate account and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The grant is intended to cover items of expenditure/equipment approved by AICTE.
- Acknowledgement of receipt of grant and letter of acceptance along with Affidavit is to be submitted to AICTE **within 15 days** from the receipt of the grant to the following address:
Director (Email ID- directortlb@aict-india.org), Training & Learning Bureau, AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
- The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- The Head of the Institute and Principal Investigator of the institute are requested to verify the correctness of the undermentioned bank account/RTGS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AABTC38 20H	Axis Bank	Irinjalakuda, KL-879	Axis Bank, VI/621(C), CKK Towers (1 st floor), Thrissur Road, Irinjalakuda, 680121, Kerala, India	Christ College of Engineering-Department	Saving	9250100429 13354	UTIB0000879

- The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR - 2017 guidelines amended from time to time by the Ministry of Finance in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR - 2017.
- Interest accrued on the sanctioned grant-in-aid will be reported and will be adjusted against the subsequent installment.

IV. General Instructions:

- If the Principal Investigator (PI) leaves within the first 6 months of the project, and there is no Co-PI / Competent faculty to complete the Project, the institution must refund the full grant to the All India Council for Technical Education within 30 days via RTGS, with no exceptions; delays will attract 10% annual interest. If the PI leaves between 6 months and 1 year, the institution must inform AICTE and seek approval to continue the project, which may be allowed if a capable Co-Investigator agrees in writing to take full responsibility. If the PI leaves after 1 year or goes on long leave, the Co-Investigator can continue the project with prior approval and necessary documentation, including consent (in case of leave), updated CV, and confirmation of responsibility.
- In case the Principal Investigator leaves the Institute and there is no other associated Co-Investigator to carry out the project, the Head of the Department / Head of the Institution should take the responsibility for identifying a competent person in the Institution in the relevant subject area and submit his/her bio-data to the Council for further consideration
- All intellectual property (IP) created during the project using Council funding—such as patents, software, designs, or databases—will be jointly owned by the PI (and Co-PIs) and the institution, unless agreed otherwise in writing. Both parties have equal rights to use, license, or commercialize the IP. If a patent is to be filed, the other party must be informed within 15 days, and filing must first be done in India before considering international protection. The All India Council for Technical Education must be acknowledged in all IP-related documents and commercial outputs. Any commercialization, licensing, or technology transfer must be reported to the Council within 30 days. While AICTE can use the research for academic and promotional purposes, it cannot commercialize the IP without permission. Revenue from commercialization will be shared among stakeholders as per a separate agreement. All publications must acknowledge funding from the All India Council for Technical Education under the RPS scheme and include proper funding disclosure, failing which it is considered misconduct.

4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
5. Similarly, the recurring grant cannot be used for the items (non-recurring) sanctioned by the AICTE. **No money be used for going abroad to attend Conference / seminars/ other activities using this fund.** However, for presenting a Paper in a Seminar / Conference related to this sanctioned research project **within the country**, the travel expenses may be met from the recurring grant.
6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
7. The institute/University shall **not charge any overheads** on this Project and will provide all the administrative support **and timely release of grant to PI** for completion of the Project.
8. All assets purchased under the grant—such as equipment, books, and software—belong to the institution, not the PI, and cannot be used personally or taken when the PI leaves. The institution must maintain a detailed and regularly updated asset register (GFR-2017) including purchase, location, condition, and maintenance details. While the PI acts as custodian during the project, the institution is responsible for safe storage, security, insurance, and proper research use. All India Council for Technical Education has the right to inspect, verify, or take action if assets are misused or idle. If any asset becomes obsolete or non-functional, proper approval is required for disposal, and any sale proceeds must be returned to AICTE. After project completion, assets may be used for research or teaching but cannot be sold, transferred, or left unused. If the PI leaves, all assets must be formally handed over in working condition to the concerned institute. For accounting, assets are depreciated using the straight-line method over 5–10 years as per Ind-AS (Indian Accounting Standards).
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed for which the Grant was given without proper sanction of the All India Council for Technical Education.
10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number along with year of sanction of the project, otherwise correspondence may not be entertained.
11. Institute shall ensure to achieve project outcome in accordance of Research Promotion Scheme Objectives such as Products, Start-up, Patents, Technology transfer, publication and etc.
12. In case project will not complete in stipulated time. The Institute will complete the project from its own fund to achieve desired outcomes.

V. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:

- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-2017.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the Principal Investigator & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and Principal Investigator & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the Principal Investigator & Head of the institution.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

VI. Project Monitoring Committee (PMC):

- a. Institute shall constitute a Project Monitoring Committee (PMC) in the manner and for the purpose prescribed as below: At institution level Project Monitoring Committee (PMC) has to be constituted by the Institute for reviewing the progress of the project from time to time. The composition of PEC should be as follows: -

- i) Director/Principal/Dean of the institute, college and university respectively (Chairman of the Committee).
- ii) All the Head of the Department of the institute.
- iii) One subject expert from other institution (to be nominated by the Principal Investigator)

The constitution of PMC may be sent to the Council for record. The General Terms of the references of PMC are as follows:

- i) PMC should meet from time to time as required but at least once a year. The minutes of the meeting should be submitted to the Council.
- ii) PMC shall advise on the proper utilization of the funds under the project and ensure proper implementation of the scheme as per the objectives of the project.
- iii) The expenditure of TA and DA for outside experts to attend the PMC meeting would be provided out of the contingency grant of the project.
- iv) Quorum shall be complete if 75% of the members of the Committee are present in meeting.

- b. AICTE may check progress of the research project from time to time. Annual Progress of the project will be monitored by AICTE through External PMC, which will be constituted at AICTE Level. The suggestions / recommendations of External PMC will have to be followed by the Principal Investigator (s) to achieve the desired outcomes.

I. Approved List of Items under Non-recurring grant:

A.	Non-recurring	Amount sanctioned (in Rs.)
	Approved Items (As per proposal) & No. of Units	
	1. Lightweight carbon fiber frame - 1 2. Heavy-lift frame (Delivery UAV) - 1 3. Payload mounting system - 1 4. Vibration dampers & fittings - 2 5. Flight controller(Pixhawk based) - 2 6. Delivery UAV motors (6 heavy lift) - 6 7. Scout UAV motor set (4 motors) - 4 8. ESCs (Electronic Speed Controllers) - 6 9. Propellers (pairs) - 6 10. SOLIDWORKS(Software) - 1 11. Spares, logistics, maintenance - 1 12. RGB Camera (HD/4K) - 1 13. Thermal Camera - 1 14. UWB Radar Sensor - 1 15. LiDAR Sensor - 2 16. GPS (u-blox) - 4 17. Gas + Temp + Humidity - 1 18. 3-axis Gimbal - 2 19. Payload Box - 1 20. Payload Handling & Release System - 1 21. FPV Camera - 2 22. Public Address & Alert System - 1 23. Hardware set - 1 24. Spot welding kit - 1 25. Electronics Holder - 2 26. Soldering station - 1 27. Electronics Assembly Materials - 1 28. RFD900x Telemetry Radio - 2 29. FTDI USB-UART Adapter - 1 30. Antennas - 2 31. Cables and Connectors - 2 32. CUAV Power Module V5 - 2 33. JST-GH Telemetry Cable - 2 34. RF Copper Shielding Tape - 2 35. 3D-Printed Antenna Mount - 2 36. Heat Shrink + Zip Tie Kit - 1 37. USB Hub (7-port powered) - 1 38. TP-Link TL-SG108 Switch - 1 39. Mesh Network Wiring & Accessories - 1 40. AI Workstation(NVIDIA RTX-based) - 1 41. Bambulab 3D printer - 2 42. Oscilloscope - 1 43. Fume Extractor - 1 44. Hot Air Rework Station - 1	Rs.3050000/-

45. Bench Power Supply (dual channel) - 1 46. LCR Meter - 2 47. Digital microscope (for SMD) - 1 48. RC Transmitter + receiver - 2 49. ST-Link V3 debugger - 2 50. CAN bus analyzer - 2 51. JETson nano - 2 52. Hand Tools & Consumables - 1 53. Workbench & Storage - 1 54. Spares & Replacement Consumables - 1 55. Ground Control Station(laptop) - 1 56. Indoor Flight Testing - 1 57. High-capacity LiPo Batteries - 4 58. Smart Battery Chargers - 2 59. Electrical Power & Support Materials - 1 60. Fail-safe module / controller add-ons - 1 61. PPE Kit (gloves, goggles, mask) - 10 62. Fire Extinguisher (Class ABC) - 2 63. SMOKE Detector - 4 64. Rise of heat Detector - 2 65. Gas detector - 2 66. Anti static wriststrap - 10 67. First Aid Kit - 5 68. Electrical Safety (insulation, mats, tools) - 2 69. Chemical spill kit - 5 70. Burn treatment - 5 71. Installation and contingency - 1 72. Motor Thrust stand - 1 73. Precision Propeller balancer - 1 74. Laser TacoMeter - 1 75. Power Analyser - 1 76. Precision Digital Scale - 1 77. Vibration test kit - 1 78. Torque Checker - 1 79. WIFI Interface Checker - 1 80. PID Tester Rig - 1 81. RF Tester - 1 82. Antenna Tuning - 1			
B.	Total Recurring		
	1. Manpower	Rs.150000/-	Rs.350000/-
	2. Travel / Field work	Rs.150000/-	
	3. Contingency (Stationary, Consumable, etc)	Rs.50000/-	
Grand Total (A) + (B)			Rs.3400000 /-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,
CHRIST COLLEGE OF ENGINEERING, CHRIST COLLEGE OF
ENGINEERING IRINJALAKUDA THRISSUR 680125 KERALA,
INDIA, Kerala
2. NAME OF PRINCIPAL INVESTIGATOR,
Dr. Nitha C Velayudhan (Computer Science and Engineering),
CHRIST COLLEGE OF ENGINEERING, CHRIST COLLEGE OF ENGINEERING
IRINJALAKUDA THRISSUR 680125 KERALA, INDIA,
3. NAME OF CO-PRINCIPAL INVESTIGATOR,
Neethu P R, Computer Science and Engineering
Christ College of Engineering(Autonomous), Irinjalakuda,Thrissur
4. GUARD FILE


23.05.2020
(Dr. Sunil Luthra)
Director (Training & Learning Bureau)

CHRIST

COLLEGE OF ENGINEERING (AUTONOMOUS)

Empowering Innovators for Tomorrow

Irinjalakuda, Thrissur - 680125, Kerala, India

Ph.: +91 8301945355, 0480 2825355

contact@cce.edu.in | www.cce.edu.in



A CMI INSTITUTION

All India Council for Technical Education Mandate form for College

Field	Details
1. Name of the Beneficiary Institute	CHRIST COLLEGE OF ENGINEERING – DEPARTMENT
2. Permanent ID of the Institute	1-2478389201
3. Head of Institute	Principal / Director
4. Type of Institute	Self Finance / Private
5. Address of the Institute	Christ College of Engineering, Thrissur Road, Irinjalakuda, Thrissur – 680125, Kerala, India
6. GST No., if allotted	Not Available
7. E-mail id of the head of the Institute	principal@cce.edu.in, contact@cce.edu.in
8. Name of the Bank	Axis Bank
9. Branch Name & Bank Code	Irinjalakuda [KL] – 879 ✓
10. Address of Bank with PIN Code	Axis Bank, VI/621(C), CKK Towers (1st Floor), Thrissur Road, Irinjalakuda – 680121, Kerala, India
11. Telephone No. of the Bank	0480-2808792
12. PAN No. of the Institute	AABTC382011 ✓
13. Name of the Account Holder	Christ College of Engineering – Department ✓
14. Account Type	Savings
15. Account Number	925010042913354 ✓
16. IFSC Code	UTIB0000879 ✓
17. MICR Code	680211202
18. Account in Name of Beneficiary?	Yes
19. Account Operational	Yes
20. No-Frill Account	No
21. Joint Account	No

It is declared that all the information provided above are true and complete in all respects.

Signature of Account Holder with Designation
Or Authorized Signatory with Seal

FR. JOHN PALIAKARA CMI
Executive Director
Christ College of Engineering
(Autonomous)
Irinjalakuda - 680125

Date: 30/3/26

Certified that the above details are verified,
On (date)

(Banker's Signature with Seal)



ARUN T. K.
BRANCH HEAD
EMP. No. 58068
SS. No. 16729



Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE.
Accredited B.Tech Programmes in Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering,
Electronics & Communication Engineering, Mechanical Engineering

