

ഭരണഭാഷ - മാതൃഭാഷ

സാങ്കേതിക വിദ്യാഭ്യാസ ഡയറക്ടറേറ്റ്
തിരുവനന്തപുരം

നമ്പർ. DTETVM/5863/2025-L5 (PLA)

തീയതി: 16-10-2025

പരിപത്രം

വിഷയം:- 2025-26 സാമ്പത്തിക വർഷത്തെ റിസർച്ച് പ്രൊപ്പോസലുകൾ സമർപ്പിക്കുന്നത് -സംബന്ധിച്ച്

സമൂഹത്തിനു ഉപയോഗപ്രദമാകുന്ന ഫലപ്രാപ്തിയുള്ള ഗവേഷണ നിർദ്ദേശങ്ങൾ പ്രോത്സാഹിപ്പിക്കുന്നതിന്റെ ഭാഗമായി വകുപ്പിന് കീഴിലുള്ള വിവിധ എഞ്ചിനീയറിംഗ് കോളേജുകളിലെ ഇന്റർ ഡിസിപ്ലിനറി ഗവേഷണ കേന്ദ്രങ്ങൾ ചുവടെ പറയുന്ന പ്രത്യേക മേഖലകൾ കേന്ദ്രീകരിച്ചുകൊണ്ട് 2025-26 സാമ്പത്തിക വർഷത്തെ ഗവേഷണ നിർദ്ദേശങ്ങൾ 2025 ഒക്ടോബർ 31 നകം ഈ കാര്യാലയത്തിൽ ലഭ്യമാക്കേണ്ടതാണ്.

- 1.Green Hydrogen Production
- 2.Autonomous vehicles
3. Specific application of robots
- 4.Application and development of Drones

രണ്ടോ മൂന്നോ വ്യത്യസ്ത ഡിപ്പാർട്ട്മെന്റുകളിൽ നിന്നുള്ള അധ്യാപകർ /വിദ്യാർത്ഥികൾ സംയുക്തമായി ഗവേഷണ നിർദ്ദേശങ്ങൾ സമർപ്പിക്കേണ്ടതാണ്. ഗവേഷണ നിർദ്ദേശങ്ങൾ 3 ലക്ഷം രൂപയിൽ കവിയാൻ പാടില്ല.

Signed by
Jayaprakash P
Date: 16-10-2025 10:42:16

JAYAPRAKASH P
DIRECTOR

സ്വീകർത്താവ്,

ഈ വകുപ്പിന് കീഴിലുള്ള ഗവൺമെന്റ് എൻജിനീയറിങ് കോളേജ് സ്ഥാപനമേധാവികൾ.

PROJECT PROPOSAL
FOR CONSIDERATION UNDER
INTERDISCIPLINARY RESEARCH CENTRES OF
GOVERNMENT ENGINEERING COLLEGES

PROJECT TITLE

SUBMITTED BY

(Name of Principal Investigator(Faculty), Department)

(Name of Co-Investigator 1(Faculty), Department)

(Name of Co-Investigator 2 (Faculty), Department)

(Name of Student1, Department)

(Name of Student2, Department)

(Name of Student3, Department)

(Name of Student4, Department)

(Name and Address of the Organisation)

(Date of Submission)

FORMAT FOR SUBMISSION OF PROPOSAL FOR SUPPORT UNDER INTERDISCIPLINARY RESEARCH CENTRES IN GOVERNMENT ENGINEERING COLLEGES

CONTENTS

S.No	ITEMS	Page No(s)
1	Cover Sheet	
2	Contents	
3	Detailed Proposal	
4	Bio-Data of the Principal Investigator/ Co-Principal Investigator	
5	Budget Estimates	
6	Undertaking from the Principal Investigator	
7	Endorsement from Head of the Organization	
8	Summary Sheet	

2. Detailed Project Proposal

1. Title of the Project: “_____”

2. Principal Investigators: (Name, Designation and Affiliation)

	PI	Co-PI 1	Co-PI 2
Name:			
Designation:			
Address:			
Telephone No:			
E-mail:			
Date of birth:			

3. Area of the Project (please tick):
- ☐ 1. Green Hydrogen Production
- ☐ 2. Autonomous vehicles
- ☐ 3. Specific application of robots
- ☐ 4. Application and development of drones

4. Duration of the project (Max: 2 years):

5. Objectives of the Proposal (precise and preferably quantified process parameters/ product specification etc. in the bullet form):

5.1 Overall Development Objectives

5.2 Intermediate Objectives (corresponding to each milestone)

6. Critical Review of latest Status of the Technology (minimum 1 page each & with complete references) :

6.1. National Status Review

6.2. International Status Review

7. Justification with reference to current status (in terms of technical/economic/societal aspects):

8. Summary of the Project (with Schematics, where possible; Define the Problem and give technical details)

9. Methodology

(Please highlight how success in the project execution will be ensured)

10. Work Plan

a. (Provide a bar chart giving project activities)

11. Expected Outcome in Physical Terms

- a. New/ Upgraded Product
- b. New/ Upscaled Process
- c. Any other

12. Targeted Specifications of the Expected Outcome

13. Deliverables of the Project *(precise and in bullet form including feasibility of patent, startups, etc)*

14. Novelty/uniqueness of the proposal (not more than one page):

15. Gaps to be covered through proposed work with special reference to the proposal:

16. Any other Information relevant to the Project Proposal and its Execution

3 a. BIO-DATA OF THE PRINCIPAL INVESTIGATOR

(Note: Similar detailed bio data should also be filled up for Co-PI's)

1. **Name:**

2. **Gender:** Male ☐ Female ☐

3. **Date of Birth:**

4. **Designation & Affiliation**

5. **Postal Address**

6. **Phone Numbers:**

7. **E-mail ID:**

8. **Qualifications** *(starting from University Level)*

S.No.	Degree	Institution	Year

9. **Employment Experience**

S.No.	Position and Organisation	Nature of Job	Period

10. **List of Publications** *(strictly for the last 5 years only with complete references)*

10.1 Journal Publications

10.2 Conference Presentations

11. **Patents filed/granted with details** *(strictly for the last 5 years only with complete references)*

12. **Books published /Chapters contributed** *(strictly for the last 5 years only with complete references)*

13. Sponsored Research Projects *(strictly for the last 5 years only with complete references)*

S. No	Title	Sponsoring Agency	Period	Amount <i>(Rupees in lakhs)</i>	Achievements

14. Consultancy Projects *(strictly for the last 5 years only with complete references)*

S. No	Title	Sponsoring Agency	Period	Amount <i>(Rupees in Lakhs)</i>

Undertaking

I hereby affirm that the information provided are true to the best of my knowledge.

**Place
Date**

**Signature
Name**

3 b. BIO-DATA OF THE STUDENT INVESTIGATOR

1. **Name:**
2. **Gender:** Male ☐ Female ☐
3. **Date of Birth:**
4. **Department & Semester**
5. **Institution:**
6. **CGPA with latest available results:**
7. **Phone Numbers:**
8. **E-mail ID:**
9. **Details of Project works completed till date:**
10. **Briefly explain your expertise in the Engineering Tools (Software/hardware)**

Undertaking

I hereby affirm that the information provided are true to the best of my knowledge.

**Place
Date**

**Signature
Name**

4. Budget Summary (in ₹ lakhs)(limited to 3 lakhs)

	Item	1 st Year	2 nd Year	Total
1.	Consumables			
2.	Permanent Equipment			
3.	Contingency			
4	Other costs*			
	Total			

(*Outsourced work, Fabrication & Testing) Other Costs*

5. UNDERTAKING FROM THE PRINCIPAL INVESTIGATOR

Project Title: “_____”

1. I have carefully read the terms and conditions of the Interdisciplinary Research Project Scheme and I agree to abide by them.
2. I have not submitted this or a similar Project Proposal elsewhere for financial support.
3. I shall ensure that no item/equipment shown available in the Project Proposal from my Organisation, shall be purchased under the Project.
4. I undertake that idle capacity of the permanent equipment procured under the Project will be made available to other users.
5. I have enclosed the following :
 - a. Endorsement from the Head of the Organization *(on letter head)*
 - b. Project Proposal complete in all respect

Principal Investigator:

Name

Signature

Date:

Place:

6. ENDORSEMENT FROM HEAD OF ORGANISATION

(On the official letter-head)

Project Title: “_____”

1. Affirmed that the Organisation welcomes the participation of Dr/Mr/Msas the PI and Dr/Mr/Ms.....as the Co-PI for the Project and that in the unforeseen and legitimate event of discontinuation by the PI, the Co-PI will assume full responsibility for completion of the Project. Information to this effect, endorsed by me, will be promptly sent to DTE
2. Affirmed that the equipment and basic as well as other administrative facilities as per the terms and conditions of the award of the Project, will be made available to the Investigator(s) throughout the duration of the Project
3. The Organisation shall ensure that the financial and purchase procedures are followed as per the prevailing norms of the Organisation, within the allocated budget.
4. The Organisation shall provide timely the Statement of Expenditure and the Utilisation Certificate of the Funds under the Project as required by Directorate of Technical Education in the prescribed format.

(Head of Organisation)
Seal/Stamp

Date:

Place: