

**DEPARTMENT OF MECHANICAL ENGINEERING
CEG CAMPUS**

ANNA UNIVERSITY CHENNAI

Invites proposals for funding under
UG Project Support Scheme (UPSS)

from

VI Semester UG Students (Full-time)

Of

Department of Mechanical Engineering

on or before 30th MARCH 2023

Duration of project

: **1 year**

Number of Student Investigators

: **Minimum of 3 and maximum of 5 members**

1. Multidisciplinary Projects that focus towards solving society issues / Industrial Problems / developing prototypes / which leads to filing patents will be given preference.
2. The Project ideas should be innovative and novel.
3. Proposals should be submitted by the student Investigators, to the Head of the Department.
4. Certificate will be given on successful completion of the project.
5. Cash Prize will be also awarded for the best student project.

**DEPARTMENT OF MECHANICAL ENGINEERING
CEG CAMPUS**

**UG Project Support Scheme (UPSS, Jan 2023)
Format for submission of proposal for UPSS
(by V semester, full time students)**

i. Title of the project

ii. Name(s) of Students Investigators roll numbers

<i>Name</i>	<i>Department/ Centre</i>	<i>Roll Number</i>	<i>Male/ Female</i>	<i>e-mail Id and mobile Number</i>

iii. Degree programme (Please tick: B.E./Mechanical Engineering/Materials Science and Engineering

iv. Year/ Semester of the degree programme

v. Introduction (max 300 words)

vi. Literature Review

vii. Research Gap

viii. Need and Scope of the Project

ix. Objective(s) of the project

x. Brief description and plan of action

xi. Project Deliverables (Expected outcome).

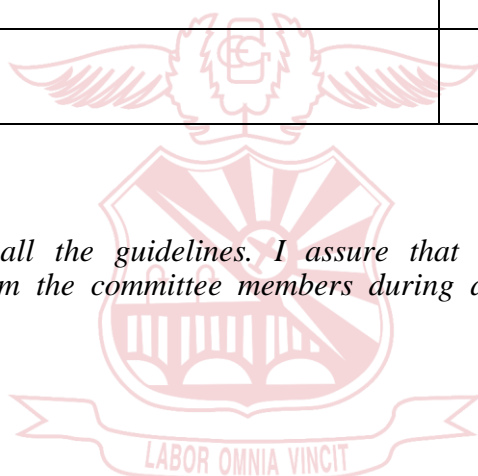
xii. Duration of the project (1 year) : Provide time schedule (15 April 2023 – 15 March 2024).

xiii. Budget

<i>Item</i>	<i>Cost in Rupees</i>
<i>a) Material/ component (Bill of Materials)</i>	
<i>b) Fabrication</i>	
<i>c) Contingencies</i>	
<i>Total</i>	

xiv. Certificate:

I/We agree and have read all the guidelines. I assure that I abide the guidelines, and the suggestions/recommendations from the committee members during and after implementation of the project..



Signature(s) of the Student Investigator(s)

Signature of mentor(s)

For official remarks

Recommendation from Committee Members:

Member 1

Member 2

Member 3

Member 4

Guidelines for UG Project Support Scheme (UPSS)

1. *Application*

The research proposal template shall be downloaded from the department website under student's corner section. The UPSS proposal has to be submitted to the office of the HoD, DME by the student investigators.

2. *Project Duration*

The duration shall be a maximum of 12 months. The entire Project execution should be photographed/videographed in all sections which will be edited later for news coverage.

3. *Proposal Selection*

The selection shall follow a 2 stage procedure

1st Stage

- i. The proposal should be submitted over to the O/o HoD & before the deadline.
- ii. The HoD will submit all proposals to UPSS Committee.
- iii. The student investigators shall present their proposals, before the UPSS Committee.
- iv. The UPSS Committee recommends the proposals in the order of merit by ranking them including those to be rejected

2nd Stage

- i. Based on the Budget approved by the Committee, approval letter will be issued by the HoD to the mentor(s) / student investigator(s).

4. *Benefits*

- i) The UPSS student investigators will be allowed to use all the laboratory facilities in the Department of Mechanical Engineering with high priority.
- ii) The UPSS student investigators can make use of the facilities available at Makers Lab which is available at CED, Anna University. The student investigators have to get permission to the Director, CED.
- iii) The student investigators will get an opportunity to incubate their ideas at CED, Anna University, following university procedure.

5. *Settlement of Accounts*

- i. The student investigators have to ensure that all the bills are in order; the items purchased in the UG Project Support Scheme (UPSS) UPSS are to be entered in the stock of the Division when mentor is attached. The bills should be in the name of "The Prof. & Head, Department of Mechanical Engineering, CEG Campus, Anna University, Chennai 25".

- ii. The accounts related to the UPSS shall be settled by the student investigators within the end date
- iii. The student investigators shall ensure that the account is settled and all facilities created and equipment's made under the UPSS are handed over to the Department before 'No Dues' certificate is issued.

6. *Intellectual Property Rights*

- i. Any Intellectual Property Rights arising out of the project will be jointly owned by the Department of Mechanical Engineering, Anna University and the Inventor.

7. *Acknowledgement*

The funds should be acknowledged in all related publications

8. *Exit Clause – Noncompliance of deliverables*

- i. In case the student investigators after taking up the research support scheme, not able to execute it, the team shall return the unutilized fund to HoD with the written consent of all student investigators. The purchases made shall be handed over to the Department of Mechanical Engineering.

9. *Amount*

- i) The amount will be disbursed after `submitting the bills periodically.
- ii) The Department will support for filing patent/media coverage

10. *Patent / Technology Transfer*

If any patent / technology transfer is emerging from this project for commercialization / obtaining patent / technology transfer to industry, the office of HoD shall assist for the same as per the university norms.

11. *Outstanding Award*

The best project will receive certificated and cash prize.