



Undergraduate R&D Opportunity Program (UROP)

About UROP:

- This program allows undergraduate students to pursue their independent R&D ideas with financial aid from SCEE. Primarily aimed at students of BTech(CSE), BTech(DSE) and BTech(EE), students from other undergraduate programs are welcome to apply as long as the proposed projects are related to the research areas of SCEE.
- There are no credits associated with this program. It is instituted for self-motivated students to execute their ideas.
- Once the ideas get accomplished and/or if students so desire, then the Design Innovation Centre or IIT Mandi Catalyst may be next steps to pursue the ideas further.
- The outcome of the program can be a product or it can be a scientific study with clearly formulated conclusions.

A list of selected projects undertaken under UROP can be seen [here](#).

How to apply

- Students can work either alone or in teams.
- The team should submit a clearly written short proposal (e.g. 2 – 3 pages) indicating
 1. Title of the project
 2. A) Name, Discipline and Roll No. of the team members
B) Potential Faculty guide (you can leave blank if unsure)
 3. Keywords (e.g. electromagnetics, IoT, App design etc... about 5 Keywords)
 4. Description of the work (state the goals, concise technical details; use figures if required) ---- no more than 1 page
 5. Motivation (explain why you wish to pursue this work, what similar work has been done in the past; Use figures if required)
 6. The timeline of the project in tabular form (Will this be 6/12/18 months or more; what will be accomplished every 3 months)
 7. Desired budget with justification of costs in a tabular form.

Completed applications and other queries should be e-mailed to the UROP co-ordinator: Dr. Jinesh Machchar (jinesh@iitmandi.ac.in). Proposals will be reviewed by a faculty panel and decisions will be emailed to students.