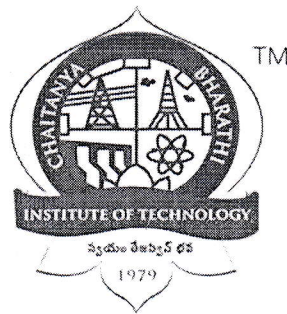


# Research and Development Cell Research and Entrepreneurship Hub

## Guidelines for Multidisciplinary Student Projects

Version: 01

Date: 29.05.2026



## Chaitanya Bharathi Institute of Technology

(Autonomous under UGC)

Affiliated to Osmania University

Accredited by NAAC-UGC and NBA

Gandipet, Hyderabad, 500075


Telangana State, INDIA


# Guidelines for Multidisciplinary Student Projects

Version: 01


Date: 29.05.2026

Prepared By


  
29.5.2026.  
Dr. K Lakshmana  
Sr. Research Asst. R&D

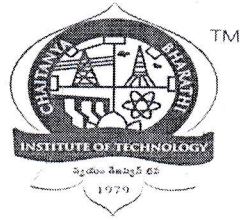
  
29/5/26  
Dr. T Sudhakar Babu  
Associate Director-R&D

Verified by

  
29/05/2026  
Prof. D Krishna Reddy  
Director-R&D

Approved By

  
Prof. C V Narasimhulu  
Principal



# Chaitanya Bharathi Institute of Technology

(Affiliated to Osmania University)

## Guidelines for Multidisciplinary Student Projects

CBIT encourages students from multiple disciplines to collaboratively design and develop innovative, sustainable, and technology-driven solutions for addressing real-world societal, industrial, environmental, healthcare, agricultural, and smart infrastructure problems leveraging with technological advancement. To promote skill development, enhance understanding of cross-domain applications, and build collaborative research ecosystems through multidisciplinary student projects and also encourage sustainable and environmentally responsible solutions aligned with UN SDGs.

### **Aim:**

To promote multidisciplinary student projects within the institution to develop innovative solutions for complex societal problems.

### **Objective:**

- a. To promote multidisciplinary collaboration among students from multiple disciplines for integrated problem-solving approaches
- b. To promote research on emerging technologies among multiple departments to tackle real world societal challenges
- c. To design and develop innovative prototypes/models that address societal and industrial challenges with cost-effective and sustainable solutions.
- d. To encourage entrepreneurship and startups by converting project ideas into scalable real-time solutions
- e. To enhance measurable outcomes such as prototypes, patents, publications, startups, consultancy opportunities, and technology transfer through interdisciplinary approaches.
- f. To encourage multidisciplinary projects focused on national priority areas and translational research for developing innovative solutions with societal and industrial impact.

### **Eligibility:**

- a. Open to UG students of all departments.
- b. Project batch will consist of students from at least two different disciplines / departments.
- c. Project batch size: Minimum 2 and Maximum 4 students.

### **Project Guide:**

All Heads of Departments are advised to display the areas of expertise, sponsored, consultancy projects of their faculty members in their respective departments at prominent places (The same information must be kept in the website) so that students can choose

suitable guides and area for the selection of their projects.

- a. **Guide** from the major/lead / initiative department
  - b. **Co-Guide** from the collaborating department
- Guides will guide the students in planning, execution and evaluation.

### **Interdepartmental Project Proposal**

Students must submit a **project proposal** (maximum 5 pages) including:

- a. Title and objectives
- b. Problem statement
- c. Novelty of work
- d. Methodology
- e. Pert chart / timeline of activities
- f. Expected outcomes

The proposal will be reviewed and approved by the Departmental Research Committee (DRC) of main Guide in consultation with Co-Guide.

### **Resource Utilization**

- a. Students are permitted to use laboratories, equipment, and other facilities of relevant departments and R&D Cell.
- b. Proper permission must be obtained from respective Lab In-Charge and HoD to ensure proper utilization and safety compliance

### **Project Review Meetings / Evaluation**

- a. Evaluation shall be carried out jointly by faculty of relevant departments.
- b. Minimum two project review meetings per semester.
- c. Progress reports must be submitted to both Guide and Co-Guide.

### **Documentation & Submission**

Students must submit:

- a. Project Completion Report (PCR) along with achieved outcomes to both guide and co-guide.
- b. Statement of Expenditure and Utilization Certificate (If money received from any funding agency including CBIT seed funds) must be submitted to funding agencies.
- c. Proper acknowledgement of departments and facilities used must be included in the PCR.
- d. The Guide and Co-Guide are fully responsible for the successful completion of the project, including the submission of all required documents to the funding agency.

### **General Guidelines**

- a. At the beginning of 7<sup>th</sup> semester, Heads of Departments should encourage multidisciplinary student projects while allocating (at least two to four projects from each section of the department).
- b. Guides are expected to submit the outcomes of these projects to funding agencies, as most funding agencies are promoting multidisciplinary Research.
- c. DRC should take active role in promoting multidisciplinary projects.
- d. Any outcome such as publications, patents or products shall be credited jointly to Students and Guides.
- e. Students must adhere to institute rules and respective lab regulations.
- f. Any misuse of facilities or misconduct will lead to disciplinary action.
- g. Interdepartmental coordination must be maintained throughout the project duration.
- h. Any conflicts shall be resolved through the concerned DRCs.

These guidelines shall be applicable with effect from Academic Year 2026-27.