

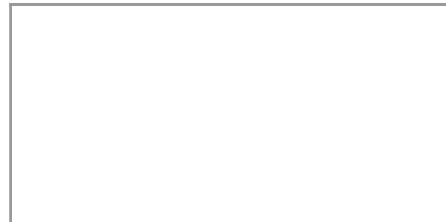
19IT702 - Project Work Phase I

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Introduction to project

Project Workflow

Project Journey Short Video



Project Workflow Diagram



Project Development Lifecycle: Detailed Overview

This guide outlines the step-by-step process a student project must follow—from team formation to the final project submission—categorized into contribution types and structured reviews.

1. Start of the Project

- ◆ Team Formation
- **Action Required:** Form a team and register:
 - Team Members *
 - Project Title

2. Choose Contribution Type (CH)

A. Research Path (RE)

- **Goal:** Contribute academically by producing a research paper.
- **Output:** IEEE Format Document
- **End Result:** Publication in a reputed conference or journal.

B. Productization Path (PR)

- **Goal:** Build a usable and valuable product or prototype.
- **Activities:**
 1. Pitch idea in a **Hackathon**
 2. **Develop a workable product**
 3. Choose further direction:
 - **Patent** the product
 - **Commercialize it**
 - Gather **customer feedback**
 - **Prepare for Startup** by submitting to **MVP, Yukthi**, or similar platforms

3. Review Process

Each project goes through **three structured reviews**, each with specific deliverables depending on the chosen contribution type.

Review 1

Workshop 1 (Regular - All Teams)

- **Deliverables:**

- Literature Survey
- Feasibility Study
- Project Plan

Workshop 2a (For Research Path - RE)

- **Deliverables:**

- Submit IEEE Format Document (Up to Related Work section) + Quiz from "Article Writing" course

Workshop 2b (For Productization Path - PR)

- **Deliverables:**

- Idea Presentation
- Customer Feedback Collection + Quiz from "Productization" course

Review 2

Workshop 1 (Regular - All Teams)

- **Deliverables:**

- Project Design:
 - Architecture Diagram
 - Sequence Diagram
- Push working software/codebase to GitHub

Workshop 2a (For Research Path - RE)

- **Deliverables:**

- Submit full IEEE format document (All sections) + Quiz from "Article Writing" course

Workshop 2b (For Productization Path - PR)

- **Deliverables:**

- Submit working product/prototype with customer feedback
- Patent Documentation
- Startup Proposal (Submit to MVP/Yukthi) + Quiz from "Productization" course

Review 3

Workshop 1 (Regular - All Teams)

- **Deliverables:**

- Final version of working software
- Testing and validation based on Review 2 feedback

Workshop 2a (For Research Path - RE)

- **Deliverables:**

- Final version of IEEE document
- Submission to journal/conference
- Acceptance communication + Quiz from "Article Writing" course

Workshop 2b (For Productization Path - PR)

- **Deliverables:**

- Final product version
- Customer Validation Report + Quiz from "Productization" course

4. End of Project

Once all three reviews and workshops are completed and deliverables are accepted, the project lifecycle concludes successfully.

Summary Table

Stage Research (RE)

Review 1 Submit partial IEEE doc

Review 2 Submit full IEEE doc

Productization (PR)

Pitch + Feedback

Submit product + patent/startup docs

Stage**Productization (PR)**

Review 3 Final IEEE doc, submit for publication Final product + customer validation



Project Timeline

| | |
|--|---|
| 11.8.2025 - 18.8.2025 | Submission of Team formation, Major Area of Project/Project Title, Choice of path: Research or Productization |
| 18.8.2025 | The decision of Project Title First Review (Max 3 Pages) – What are you going to do? <ol style="list-style-type: none">1. Objectives of the project2. Abstract3. Literature Review4. Existing System & Proposed System (Firm Requirements)5. References6. Project plan and Tentative Schedule (Chart) |
| 8.9.2025 - 13.9.2025 | Second Review (Max 8 Pages) – How are you going to do it? <ol style="list-style-type: none">1. Software Requirement Specification (SRS document)2. System Analysis and Design3. Project Environment (Hardware and Software)4. Overall System Design (UI, Database, DFD, Architecture) + Detailed Design (Flowchart, OOAD)5. Code review6. Publications expected / Workable product with customer review (possibly with patent) |
| 29.9.2025 - 8.10.2025 (Tentative) | Model Review (Max 20 Pages) – How will you present your project? <ol style="list-style-type: none">1. Objective of the project2. Implementation Details3. Screenshots4. Project Evaluation & Testing5. Demo6. Publications / Workable product (possibly with patent/startup) |
| 10.11.2025 - 15.11.2025 (Tentative) | |

Team Formation Guidelines

- Max of 3 members in a Team
- Can have mentees from different mentors
- Team can have mentees across various departments
- Submission of documents must be done individually for grading
- All team members must appear for all reviews

Note: Each team member must consult with peers and mentors before database entry.

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[◀ Project Timeline](#)

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