



# BANGALORE INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, India

Recognized by AICTE, New Delhi, India

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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Date: 24-02-2025

### Notice

**Course:** Project Phase I

**Course Code:** BCS685

The VI semester students (2022 batch) are here by informed to submit the project proposal synopsis on or before 04/03/2025.

### Guidelines

1. Each project batch should have maximum number of 4 members.
2. No changes in the project batches (team members) once formed.
3. The project can be carried out at College, Private Companies or R&D Centres (key condition is that the code must be included in the project report.)
4. The project idea should be innovative.
5. To find a project topic, students can:
  - Contact research scholars or domain experts within the department.
  - Look at journals/conference papers from reputable sources like IEEE, ACM, Springer, Taylor Francis, Elsevier, and others.
  - Approach industry experts for ideas.
6. An internal guide will be allotted by the department based on the topic/domain.
7. If the problem statement is given by the faculties, the same faculty will be allocated as guide in consult with Department
8. Students must regularly interact with project guide throughout the duration of the project.
9. **Domains for Project Topics:**
  - Artificial Intelligence / Machine Learning / Data Science
  - Data Security / Blockchain / Networking
  - Digital Image Processing
  - Data Mining / Big Data
  - Hardware / IoT (Internet of Things)
  - Cloud Computing
10. Students are advised to follow the below format for submitting project synopsis.
11. Students are advised to contact project coordinators for any clarification.

**Note: PURE DATABASE PROJECTS ARE NOT ALLOWED.**

**Project Coordinators**

**HOD, CS&E**

Prof. Prashanth Kumar K N

Prof. Manjushree N S

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**BANGALORE INSTITUTE OF TECHNOLOGY**

K.R. Road, V.V. Puram, Bengaluru-560 004

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING****Project Work Synopsis****VI – Sem 2024-2025****PROJECT GROUP:**

Sl. No.	USN	NAME	Sec.	Email-Id	Phone No.	Signature
1						
2						
3						
4						

**PROJECT DETAILS:**

<b>Title:</b>	
<b>Domain:</b>	
<b>Company/Industry if applicable:</b>	

**For office use only:**

<b>Group ID:</b>	
<b>Guide:</b>	
<b>Status:</b>	<b>Accepted/To be modified/Rejected</b>

**Signature of the Project Coordinator**

**Synopsis Content:**

1. **Title: Centre Aligned**
2. **Introduction**
3. **Existing systems and their drawbacks**
4. **Problem Statement & Objectives**
5. **Block Diagram / Architecture**
6. **Module Description**
7. **Applications**
8. **References (should be provided in IEEE Format)**

**<IEEE Format for references>****Journal article:**

[Ref number] Author's initials. Author's Surname, "Title of article," Title of journal abbreviated in Italics, vol. number, issue number, page numbers, Abbreviated Month Year.

- [1] F. Yan, Y. Gu, Y. Wang, C. M. Wang, X. Y. Hu, H. X. Peng, et al., "Study on the interaction mechanism between laser and rock during perforation," *Optics and Laser Technology*, vol. 54, pp. 303-308, Dec 2013.

**Note:** the above example article is from a journal which does not use issue numbers, so they are not included in the reference

**Conference papers:**

[Ref number] Author's initials. Author's Surname, "Title of paper," in Name of Conference, Location, Year, pp. xxx.

- [2] S. Adachi, T. Horio, T. Suzuki. "Intense vacuum-ultraviolet single-order harmonic pulse by a deep-ultraviolet driving laser," in Conf. Lasers and Electro-Optics, San Jose, CA, 2012, pp.2118- 2120.

**Book:**

[Ref number] Author's initials. Author's Surname, Book Title, edition (if not first). Place of publication: Publisher, Year.

- [3] I.A. Glover and P.M. Grant, Digital Communications, 3rd ed. Harlow: Prentice Hall, 2009

**NOTE: Base paper should be from the mentioned Journals in the guidelines, min three reference papers should be from journals (Mandatory)**

**Project synopsis should be of minimum 5 pages.**

**Title: Font style-Times New Roman, Font size- 16 BOLD**

**Heading: Font style-Times New Roman, Font size- 14 BOLD**

**Content: Font style-Times New Roman, Font size- 12**