CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

Faculty of Engineering
CHRIST (Deemed to be University
Department of Computer Science and Engineering

Department Policy towards Project Work for students

1. Introduction

1.1 Background

CHRIST (Deemed to be University), Faculty of Engineering brings the academies and tech community together to develop transformative ideas and develop pioneering leaders and digital age technologies.

CHRIST (Deemed to be University) endeavours to instill the industry culture to create job opportunities for its students. To facilitate this, Department of Computer Science and Engineering has taken initiative to introduce project work to Final year UG students during their 8th Semester. Project work will be permitted two full days in a week and five half days (afternoon session) in a week.

1.2 Announcement

The Head of the Department will announce the Project work course for the 7th semester students during their orientation program. HOD will elaborate on the program, its duration, and the domains in which students can pursue their in-house projects. Department has experienced faculty members who have expertise in i) Application development ii) Image processing iii) Data science iv) IOT v) Networking, and students are allowed to pursue their final year project work under expert faculty members.

1.3. Selection Process

a) Students have to submit their team details, domain and tentative title to the project coordinator at the end of 7th semester.

b) Based on the details provided by the student, Project coordinator will assign project guides in discussion with HOD based on the faculty domain of expertise.

c) Project coordinator would publish final list of projects with student team details and guide name on the notice board.

1.5 Rules

The following are the rules to be followed by the student(s):

- Each Project group needs to maintain a note where he/she will record all of the findings and review comments given by the guide.
- The student needs to attend all the three reviews conducted internally without fail.
- While coming for each review the student needs to submit the workbook to the review panel and present the updated work as per the format given by the project coordinator.
- Review comments given by the panel to the project team has to be recorded in the workbook.
- Any irregularity by the student, he/she will be given extension of 3 months in consultation with HOD, Project coordinator and the concerned guide to complete the project work within specified duration.

1.6 Procedures for Project Evaluation:

The student's work will be periodically monitored in various reviews. Generally, the internal faculty in-charge with the project panel will evaluate the student performance. Following table will give marks split-up and the evaluation rubrics for each review is as shown below:

Review 1: 20 marks

Criteria	8-10 / 4-5 marks	4-7 / 2-3 marks	1-3 / 1 mark(s)
Literature Survey (10 Marks)	Detailed explanation of the project with its significance and purpose along with detailed survey of the literature.	Moderate explanation of project with no clarity on significance and purpose. Survey of the literature is partial.	No proper explanation on project. No clarity on significance and purpose of project. Literature survey is not proper.
Gap Analysis, Problem Solving and Motivation (5 Marks)	Clear explanation on the gaps identified in the existing system and motivation to the project.	Rough idea about the gaps identified in the existing and moderate level of motivation to the project.	Weak idea about the gaps identified in the existing system and no points on the

			motivation to the project
Detailed Project Objectives, Methodology and Expected Results (5)	Detailed explanation on the project objectives, methodology used in the project and listing the expected results clearly	Medium level explanation about objectives of the project, methodology used and expected results	Weak explanation on the project objectives, methodology and the expected results.

Review 2: 30 marks

Criteria	8-10 / 4-5 marks	4-7 / 2-3 marks	1-3 / 1 mark(s)
Design and Framework (10)	Detailed design of the project with all relevant diagrams explaining the project.	Explanation of the project with some of the diagrams and not much design framework	Very few diagrams explaining the project design with vague explanation
Progress of the project (Results) (10)	Describing the project modules in detail as per schedule and outcome of it.	Describing project modules following moderate schedule and its outcome.	Describing the project modules not as per the schedule and its outcome.
Hardware and/or software prototype status (5)	Explanation about the hardware and/or software status of the project prototype with relevant demonstration.	Not much explanation about the hardware and/or software status of the project.	Weak progress in the hardware and/or software status of the project
Overall presentation clarity (5)	Clear presentation on the work carried out.	Unclear presentation on the work carried out.	Weak presentation on the work carried out.

Review 3: 50 marks

Criteria	8-10 marks	4-7 marks	1-3 marks
Attainment of the objectives proposed (10)	Attainment of all the project objectives as defined in review 1 and detailed explanation of the same.	Attainment of some of the project objectives as defined in review 1 and moderate explanation of the same.	Attainment of very few objectives as defined in review 1 and no proper explanation.
Completed hardware and software (10)	Complete demonstration of the project with detailed explanation. Completion of hardware and/or software part of project.	Demonstration of the project is at medium level. Hardware and/or software components have completed partially.	No proper demonstration of the project. Hardware and/or software components have not completed.
Results (10)	Showing that the results of the project are as per the objectives defined.	Some of the results of the project are as per the objectives of the project.	None of the results shown are matching with the objectives of the project.

Teamwork (10)	All the team members have contributed equally to the completion of the project.	Some of the team members have contributed to the project completion.	Only one in a team member has contributed to the project completion.
Overall presentation (10)	Very clear explanation of the project with good communication skills and slides.	Medium level explanation of the project with moderate communication skills and slides.	Presentation of the project is not clear. Communication skills and slides are not well.

End Semester Examination: 100 marks

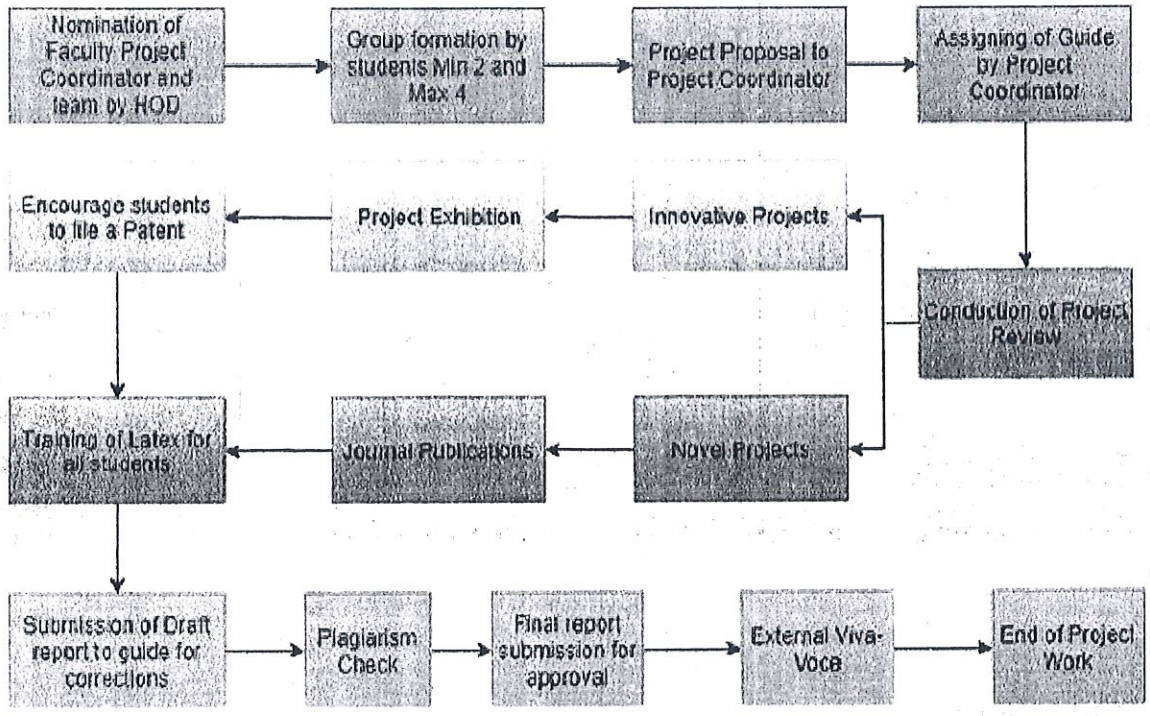
Criteria	16-20 marks	11-15marks	6-10 marks	1-5 marks
Literature survey and problem statement (20)	Detailed explanation of the project with its significance and purpose. Clear explanation on the problem statement of the project. Complete survey of the literature.	Moderate explanation of project with no clarity on significance and purpose. Problem statement is not clearly specified.	Problem statement of the project is not well defined. Survey of the literature is not completely done.	No proper explanation on project. No clarity on significance and purpose of project. Literature survey of the project is not done.
Project objectives, methodology and expected results (20)	Clearly defined the project objectives. Methodology is neatly specified. Expected results are depicted properly as per objectives.	All project objectives are not defined. Methodology is not specified clearly. Expected results are partially defined as per objectives.	Project objectives are not clearly defined. Methodology is not having clear picture. Expected results are not showing all objectives.	No proper project objectives. Methodology is not clear. Expecting results are not matching with the objectives.
Design, framework and prototype (20)	Detailed design of the project is explained with necessary diagrams. Prototype depicts all the objectives of the project.	Design of the project is defined with few diagrams. Prototype of the project has some flaws in it.	Design of the project is not explained clearly with diagrams. Prototype of the project is partially clear.	Project design is not appropriate. Diagrams are not relevant. Prototype is not depicting objectives properly
Overall attainment of objectives and results (20)	All the project objectives are attained with matching results for the same.	Some of the objectives of the project is attained. Some of the results are matching.	Objectives of the projects are not attained completely. Results are depicting the same.	Only few objectives of the project have attained. Results of project is not matching objectives.
Overall presentation and report (20)	Presentation of the project is clear with proper communication skills and slides. Report is	Presentation of the project is not giving complete picture of the project. Report has some mistakes	Presentation is not completely explaining proper. Slides are not clear. Report	Presentation is not at all clear about the project. Slides are not clear. Report is not properly made.

	as per the format given.	as per the format given.	is not following format fully.	

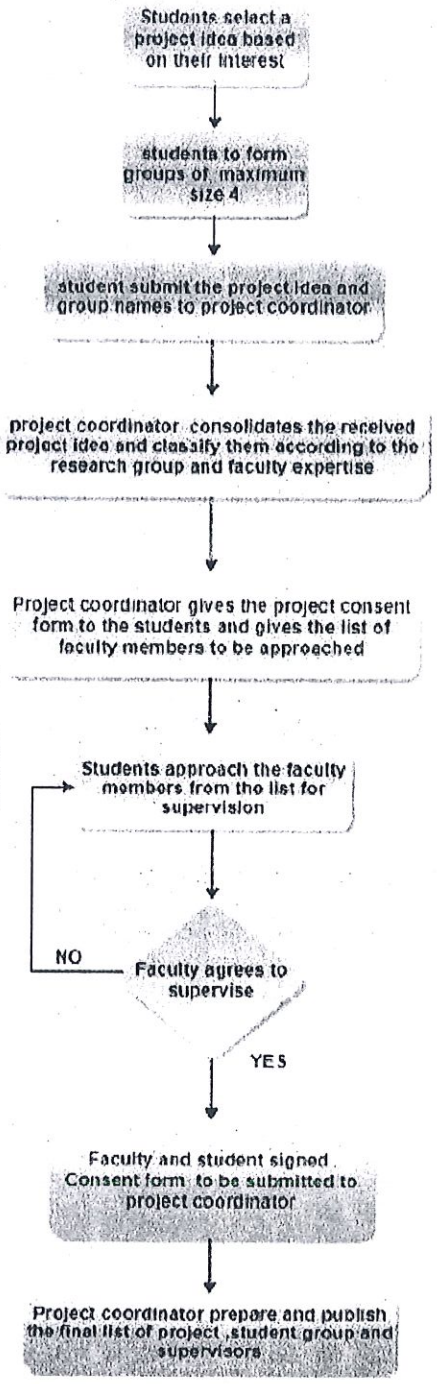
1.7 **Requirements for Successful Completion**

The students should have successfully completed all the reviews, followed by end semester examination (final project review with external panel members).

Flow of Project Process:



Faculty Allotment Process:



Project Coordinator

Program Coordinator/HOD

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