

Project Synopsis
on
Code-Kiet

Submitted as a part of course curriculum for

Bachelor of Technology
in
Computer Science and Engineering



Under the Guidance of
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The content of the synopsis must be divided into following headings depending upon your project

- 1) Introduction
- 2) Objectives of the Study
- 3) Detailed Methodology used for carrying out the study.
- 4) The expected contribution from the study (Optional)
- 5) List of activities carried out to complete the project (with the help of a bar chart or any other graphical method)
- 6) Places/Labs/Equipment and Tools used
- 7) References

1. PAGE DIMENSION AND TYPING SPECIFICATIONS:

The dimension of the project report should be in A4 size. The cover and other text should be **printed in black letters. With Margins as:**

| | |
|--------------------|---------------------|
| Top: 1” | Bottom:1” |
| Left: 1.25” | Right: 1.25” |

Chapters heading should be **bold and in capital letters. Font Style Times New Roman and Font Size 16.**

All other matter should be typed with **Font Style Times New Roman and Font Size 12.**

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- 2. List of References** –The listing of references should be typed 4 enter spaces below the heading “REFERENCES” in alphabetical order in single spacing – justified. The reference material should be listed in the alphabetical order of the first author.

A typical illustrative list given below relates to the citation example quoted above.

REFERENCES

1. Aripnammal, S. and Natarajan, S. “Transport Phenomena of Sm Sel – X Asx”, Pramana – Journal of Physics Vol.42, No.1, pp.421-425, 2011.
2. Barnard, R.W. and Kellogg, C. “Applications of Convolution Operators to Problems in Univalent Function Theory”, JSER., Vol.27, pp.81–94, 1987.

1.Introduction

Today, coding has become an integral part of all engineering students' curriculum as it improves there problem-solving skill. Our college actively organizes contests to encourage students to participate in coding contests and improve there coding skills. But, there are no free competitive coding platforms where we can freely host contests.

In a recent student feedback session we have gathered that there are a lot of learning resources for students available across different platforms which has created a sense of ambiguity. Nowadays, due to the availability of large amount of resources in an unorganized manner the students face difficulties while preparing for competitive exams, interview preparations or building a project.

In this project we will come to features like :-

- All in one resource**
- Practice section**
- Past year practice problems**
- Last year university Question papers**
- University subjects notes**
- Gate notes**
- Competitive exam roadmap and guidance**
- Competitive exam preparation resources**
- DSA tracker (Section wise dsa practice tracker)**
- Complete interview preparation**
- Community of students, faculty and pass out seniors**
- Coding contest organizer**
- Local Contest**
- Growth tracker and points tracker**

2. Objectives

1. All in One resources

We are building a web application which will provide students with a platform which will provide all the best resources available out there after taking reference from the Experience persons in that particular fields.

2. Interview helper

The section provide the knowledge and guidance from the beginning to end of the interview process and how to tackle different situations in the interview

The section also all the set of popular interview question weather it is from soft skill or from any technical skills related.

3. DSA and Competitive Coding

The section has all the popular SDE sheet in the recent time With the best answer.

It has the great resource for the competitive coding and practice problems from the different coding platform like codechef, codeforces, leetcode etc.

4. Competitive exams

The section has all the competitive exams eligibility criteria, Process to apply, the syllabus and the resources related to them.

5. University exams preparation

The section has the subject notes of all the branch and previous exam question papers.

6. Contest

The section has the feature to organize the contest locally for the college students and departmental level coding contest.

It contains all the previous contest problems and editorial for the students to up solve the problems.