

# **“CRITICAL PATH METHOD (CPM) ANALYSIS AND SCHEDULING OF THE PROJECT USING-PRIMAVERA”**



## **PROJECT REPORT**

Submitted by

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**In partial fulfillment of the requirements for the degree of**

**BACHELOR OF ENGINEERING**

**in**

**CIVIL ENGINEERING**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI - 590018.**

**Under the Guidance of**

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**MOODBIDRI-574225, KARNATAKA**

**2020-2021**

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**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

Certified that the project work entitled "A CASE STUDY OF PLANNING AND  
MANAGING PROJECTS USING PRIMAVERA (P6) PROJECT PLANNER" is a  
bonafide work carried out by

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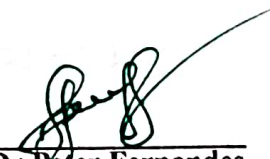
**4AL17CV081**

Are bonafide students of Department of Civil Engineering of Alva's Institute of Engineering and Technology in partial fulfillment for the award of BACHELOR OF ENGINEERING in CIVIL ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2019-2020. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

**ALVA'S**  
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## **ABSTRACT**

Proper Planning and Scheduling is very important in construction projects for reducing and controlling delays of the projects. Substantial amount of time, money, resources are wasted each year in a construction industry due to improper planning and scheduling.

The wide acceptance of this software, especially in industries of developing cities has made the project managers to easily handle the large projects effectively and also resulted in low cost as when compared to conventional methods of management of project. These results indicate that this management tool has many features and benefits to lead to a successful project completion.

The acceptance of the software Primavera as a platform of scheduling is been on a boom in multi-National companies, but due to ignorance and lack of Project Management concepts and discourage towards the use of computer-based programs, small and medium scale Indian construction companies confront various issues such as inefficient planning, project delays, inefficiency of resources and other issues. Therefore, we also attempt to educate one such medium scale construction company about the advantages of Primavera in execution of any construction projects efficiently.