

**VISVESVARAYA TECHNOLOGICAL  
UNIVERSITY, BELAGAVI- 590 018**



**MICRO PROJECT REPORT**

**ON**

**“EFFECT OF SIZE OF AGGREGATE ON SELF COMPACTING CONCRETE CIVIL”**

**Submitted By,**

4AL19CV035 SANGANAGOUDA N PATIL  
4AL19CV036 SANJEEVAKUMAR G  
4AL19CV037 SINDHOORKUMAR N NAIK  
4AL19CV038 SOWMYA S NAIK  
4AL19CV039 SUHAS R SHETTEPPANAVAR

**Under the Guidance of**

**Mr. SANTHOSH K**

**Assistant Professor**



**DEPARTMENT OF CIVIL ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING AND  
TECHNOLOGY MOODBIDRI-574225, KARNATAKA**

**2020-2021**

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**MIJAR, MOODBIDRI D.K. -574225**  
**KARNATAKA**



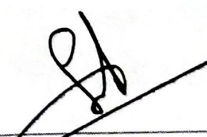
**DEPARTMENT OF CIVIL ENGINEERING**  
**CERTIFICATE**


This is to certify that the Micro-Project entitled **"EFFECT OF SIZE OF AGGREGATE ON SELF COMPACTING CONCRETE CIVIL"** has been Successfully Completed

By

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The bonafide students of Department of Civil Engineering, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

  
Mr. Santhosh K  
Mini Project Guide

  
Dr. H Ajith H  
HOD,  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225



## **Abstract**

Concrete is a versatile widely used construction material. Ever since concrete has been accepted as a material for construction, researchers have been trying to improve its quality and enhance its performance. Recent changes in construction industry demand improved durability of structures. There is a methodological shift in the concrete design from a strength based concept to a performance based design. At present there is a large emphasis on performance aspect of concrete. One such thought has lead to the development of Self Compacting Concrete (SCC). It is considered as "the most revolutionary development in concrete construction". SCC is a new kind of High Performance Concrete (HPC) with excellent deformability and segregation resistance. It can flow through and fill the gaps of reinforcement and corners of moulds without any need for vibration and compaction during the placing process.