

**EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES
OF SELF-COMPACTING CONCRETE WITH PARTIAL
REPLACEMENT OF SILICA FUME
20SEP41 - PROJECT WORK**

Submitted By

SOWMIYA M

(20STR013)

*in partial fulfilment of the requirements
for the award of the degree*

of

**MASTER OF ENGINEERING
IN
STRUCTURAL ENGINEERING**

DEPARTMENT OF CIVIL ENGINEERING



**KONGU ENGINEERING COLLEGE
(Autonomous)**

PERUNDURAI, ERODE – 638 060

MAY- 2022

DEPARTMENT OF CIVIL ENGINEERING**KONGU ENGINEERING COLLEGE****(Autonomous)****PERUNDURAI, ERODE – 638 060****MAY – 2022****BONAFIDE CERTIFICATE**

This is to certify that the Project Report entitled “EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF SELF COMPACTING CONCRETE WITH PARTIAL REPLACEMENT OF SILICA FUME” is the bonafide record of project work done by SOWMIYA M (20STR013) in partial fulfilment of the requirements for the award of the Degree of Master of Engineering in Kongu Engineering College of Anna university, Chennai during the academic year 2021 – 2022.


SUPERVISOR**Dr. S. SUCHITHRA., ME., Ph.D.,**

Associate Professor,

Department of Civil Engineering


HEAD OF THE DEPARTMENT**Dr. P.S. KOTHAI, M.E., Ph.D.,**

Professor,

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Date: 26/5/2022

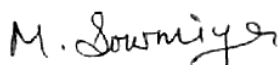
Submitted for the end semester viva voce examination held on


EXAMINER I
EXAMINER II

DEPARTMENT OF CIVIL ENGINEERING**KONGU ENGINEERING COLLEGE****(Autonomous)****PERUNDURAI, ERODE – 638 060****MAY - 2022****DECLARATION**

I affirm that the Project Report entitled “EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF SELF COMPACTING CONCRETE WITH REPLACEMENT OF SILICA FUME,” being submitted in partial fulfilment of the requirements for the award of Master of Engineering is the original work carried out by me. It has not formed the part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Date: 26/5/2022


Signature of the Candidate

Sowmiya M (20STR013)

I certify that the declaration made by the above candidate is true to the best of my knowledge.

Date: 26/5/22


Name and signature of the Supervisor with seal

Dr. S. SUCHITHRA, ME., Ph.D.,

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**DEPARTMENT OF CIVIL ENGINEERING
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MAY 2022

CERTIFICATE OF UTILIZATION

This is to certify that Sowmiya M (20STR013) utilized the Structural Engineering Laboratory (Department of Civil Engineering) for the project work entitled "EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF SELF COMPACTING CONCRETE WITH PARITIAL REPLACEMENT OF SILICA FUME," during the academic year 2021-2022.


LABORATORY INCHARGE

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HOD

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PROJECT REPORT CHECK LIST

PR-03

Rev.0

01-09-19

PROJECT REPORT CHECK LIST (PRCT)

01. Name of the Project : *Experiment Investigation of Strength properties of Self Compacting Concrete with partial replacement of silica fume.* Code No: 20SEP41
02. Department : *Civil Engineering.*
03. Name of the internal Guide : *Dr. S. SUCHITHRA*
04. Name(s) of the Student(s) : *M. SOWMIYA* Roll No.(s): *20STP013*

05. Nature of the Project : *✓* New Project / Continuation

06. If Continuation, Code number of the Previous Project :

07. Type of Project : *Experimental Work*

08. Submission of monthly reports (for PG Projects) in time (put tick mark):

Month 1	Month 2	Month 3	Month 4	Month 5

09. Approval of written Report : Signature

[Signature]
(Guide)

09. Approval of Project Format :

[Signature]
(Co-ordinator)

10. Approval of the Typed Report :

[Signature]
(Guide)

11. Receipt of 3 copies of synopsis & recommended for Head of Department's Signature :

[Signature]
(Co-ordinator)

[Signature]
26/05/2020

HOD
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