

**EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF AR-
GLASS FIBER MESH REINFORCED ECC WITH HYBRID FIBERS**

20SEP41 - PROJECT WORK

Submitted By

KALAIMATHI D

(20STR003)

*in partial fulfillment 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 STUDY ON MECHANICAL PROPERTIES OF AR-GLASS FIBER MESH REINFORCED ECC WITH HYBRID FIBERS" is the bonafide record of project work done by KALAIMATHI D (20STR003) 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

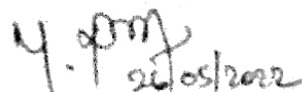
T.RAVI PRAKASH M.E.,
Assistant Professor (Sr.G)
Department of Civil Engineering



HEAD OF THE DEPARTMENT

Dr.P.S.KOTHI M.E., Ph.D
Professor
Dr P.S.KOTHAI
PROFESSOR AND HEAD
DEPARTMENT OF CIVIL ENGINEERING
KONGU ENGINEERING COLLEGE
THOPPUPALAYAM (Po)
PERUNDURAI (TK), ERODE - 638 060

Date: 26.05.2022

Submitted for the end semester viva voce examination held on 26.05.2022


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 STUDY ON MECHANICAL PROPERTIES OF AR-GLASS FIBER MESH REINFORCED ECC WITH HYBRID FIBERS**” 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.

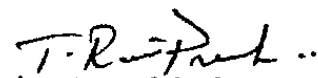
Date: 26.05.2022


Signature of the Candidate

Kalaimathi D (20STR003)

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

Date: 26.05.2022


Name and signature of the Supervisor with seal

Mr. T. RAVIPRAKASH, M. E.,
Assistant Professor,
Department of Civil Engineering,
Kongu Engineering College,
Perundurai-638 052.

**DEPARTMENT OF CIVIL ENGINEERING
KONGU ENGINEERING COLLEGE**

(Autonomous)


PERUNDURAI, ERODE-638060

MAY 2022

CERTIFICATE OF UTILIZATION

This is to certify that Kalaimathi D (20STR003) utilized the Structural Engineering Laboratory (Department of Civil Engineering) for the project work entitled **"EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF AR-GLASS FIBER MESH REINFORCED ECC WITH HYBRID FIBERS,"** during the academic year 2021-2022.


LABORATORY INCHARGE


**Head of the Department
Dr. P.S. KOTHAI
PROFESSOR AND HEAD
DEPARTMENT OF CIVIL ENGINEERING
KONGU ENGINEERING COLLEGE
THOPPUPALAYAM (PO)
PERUNDURAI (TK), ERODE - 638 060**

PROJECT REPORT CHECK LIST

PR-03

Rev.0

01-09-19

PROJECT REPORT CHECK LIST / (PRCL)

01. Name of the Project : Experimental study on mechanical properties of FR-glass fibre mesh reinforced ECC with hybrid fibres Code No: 20SEP41
02. Department : CIVIL ENGINEERING
03. Name of the internal Guide : Mr. T. RAVI PRAKASH
04. Name(s) of the Student(s) : D. KALAIMATHI Roll No.(s): 20STR003

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 T. Ravi Prakash
(Guide)

09. Approval of Project Format : T. Ravi Prakash
(Co-ordinator)

10. Approval of the Typed Report : T. Ravi Prakash
(Guide)

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

T. Ravi Prakash
(Co-ordinator)

Quothan
27/5/22
HOD