

1.3.4 Percentage of students undertaking field projects / student projects/internships (Data for the latest completed academic year) (10)

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme name	Program Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
B.E. CIVIL ENGINEERING	CE	ABLI.S	
		BAVADHARANI.S.P	
		KISHOOREKUMAR.B	
		MUNISWARAN.V	
B.E. CIVIL ENGINEERING	CE	AAKASH.S	
		ABU FIRNAZH.F	
		AMRISH.J	
		VINOTH.S	
B.E. CIVIL ENGINEERING	CE	AKASH.R	
		ANBUKUMAR.M	
		SUBITTAVARSHINI.S	
		SARVESHKUMAR.D	
		ALEX PANDIYAN.S	
B.E. CIVIL ENGINEERING	CE	ARTHI.M	
		KOWSALYA. S	
		ASATH.R	
		ARIPRASATH.G	
B.E. CIVIL ENGINEERING	CE	KEERTHANA.S	
		SRINITHI.M	
		DHINAKARAN.M	
B.E. CIVIL ENGINEERING	CE	R.BALASUNDHARI	
		B.BALAGURU	
		T.VARIMUTHU	
		K.VIGNESH	



**Dr. S. RAMABALAN, M.C., Ph.D.,**  
**PRINCIPAL**  
**E.G.S. PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**

B.E. CIVIL ENGINEERING	CE	DEVASRI.C	
		GUNAL.T	
		MOHAMED THASLEEM.T	
		IYYAPPAN.K	
B.E. CIVIL ENGINEERING	CE	HARI HARAN.E	
		HARI HARAN.K	
		MANJU.G	
		NITHESH.N	
B.E. CIVIL ENGINEERING	CE	KARTHIKEYAN.A	
		DHARUN.T	
		HARSHAVARDHAN.T	
		PARAMESHWARAN.P	
B.E. CIVIL ENGINEERING	CE	R.KRITHIK BOTHRA	
		M.MOHAMED ABDUL	
		BASHITH	
		S.NITHYA	
B.E. CIVIL ENGINEERING	CE	I.MOHAMED AJMAL	
		MOHAMEDFAHAD.F	
		PRIYADHARSHINE.S	
		SHAHIL MOHAMED.M	
B.E. CIVIL ENGINEERING	CE	SIVASHANKARI	
		PRASANTH.V	
		PUSHPARAJ.A	
		SABARI NATHAN.C	
B.E. CIVIL ENGINEERING	CE	SARAN.S	
		TAMIL VENDHAN.D	
		JOTHISH.S	
		MOHAMED ARAFATH.M	
B.E. CIVIL ENGINEERING	CE	KALAI MANNAN.K	
		VASANTH.N	



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B. E. CIVIL ENGINEERING	CE	HAMEEDUL ASHIQUEN
		SAHIB.S
		MUHAMMAD NOUFAL
		MASTHAN.A
B. E. CIVIL ENGINEERING	CE	SUNDAR.S
		VENKATESHWARAN.J
		ARSATH AHAMED
		MALIMAR.J
		BALAJI
B. E. CIVIL ENGINEERING	CE	MANOBALA
		K. YOGESHWARAN
		P.GOWRISANKAR
		H.MOHAMED FAHEEM
		K.SANJAI KUMAR
		SUDHARSAN.S
B. E. CIVIL ENGINEERING	CE	YOGESH.B
		SENTHURPANDIYAN.T
		KARTHIKEYAN.T
		PRATHAP.V
B. E. CIVIL ENGINEERING	CE	MURUGANTHAM.M
		VASANTHAKUMAR.T
B. E. CIVIL ENGINEERING	CE	SAJID AHMAD KHAN JASIF JAV AID WANI

**Dr. S. RAMABALAN, M.E., Ph.D.,**  
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**NAGAPATTINAM - 611 002.**



LIST OF STUDENTS UNDERTAKING  
FIELD  
PROJECTS/INTERNSHIPS/STUDENTS  
PROJECTS

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.



# E.G.S. PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.

(An ISO 9001:2015 Certified Institution)

(Approved by AICTE, New Delhi, Approved by Govt. of Tamil Nadu)

(Affiliated to Anna University Chennai)



Dr.S.Rambalan ME,Ph.D

Principal

## TO WHOMS EVER IT MAY CONCERN

This is to certify that the list of students undertaking field/internships/students projects in the last completed Academic year 2020-2021 are given below:-

S. NO	Programme name	Program Code	Student Name	Title	Place of work
1	BE Civil Engineering	CE	ABLI.S BAVADHARANI.S.P KISHOOREKUMAR.B MUNISWARAN.V	Student project: EXPERIMENTAL INVESTIGATION OF LATEX POLYMER MODIFIED CONCRETE	E.G.S.Pillay Engineering College
2	BE Civil Engineering	CE	AAKASH.S ABU FIRNAZH.F AMRISH.J VINOOTH.S	Student project: AN EXPERIMENTAL INVESTIGATION OF PARTIAL REPLACEMENT OF CEMENT WITH CERAMIC POWER IN CONCRETE	E.G.S.Pillay Engineering College
3	BE Civil Engineering	CE	AKASH.R ANBUKUMAR.M SUBITTAVARSHINI.S SARVESHKUMAR.D	Student project: MECHANICAL PROPERTIES OF SELF COMPACTING CONCRETE USING IRON SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE	E.G.S.Pillay Engineering College
4	BE Civil Engineering	CE	ALEX PANDIYAN.S ARTHI.M	Student project:	E.G.S.Pillay Engineering

  
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			KOWSALYA. S ASATH.R	EXPERIMENTAL INVESTIGATION ON PAVER BLOCKS USING STEEL SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE	College
5	BE Civil Engineering	CE	ARIPRASATH.G KEERTHANA.S SRINITHI.M DHINAKARAN.M	Student project: USING TREATED EFFLUENT AS A MIXING WATER FOR CONCRETE	E.G.S.Pillay Engineering College
6	BE Civil Engineering	CE	R.BALASUNDHARI B.BALAGURU T.VARIMUTHU K.VIGNESH	Student project: MECHANICAL PROPERTIES OF PAVER BLOCKS WITH PARTIAL REPLACEMENT OF VIAL GLASSES	E.G.S.Pillay Engineering College
7	BE Civil Engineering	CE	DEVASRI.C GUNAL.T MOHAMED THASLEEM.T IYYAPPAN.K	Student project: EVALUATION OF INDUSTRIAL AND AGRICULTURAL WASTE ON THE PARTIAL REPLACEMENT OF CEMENT AND FINE AGGREGATE IN CONCRETE	E.G.S.Pillay Engineering College
8	BE Civil Engineering	CE	HARI HARAN.E HARI HARAN.K MANJU.G NITHESH.N	Student project: PERFORMANCE EVALUATION OF INTERNAL CURING AGENTS IN CONCRETE USING SODIUM POLYACRYLATE	E.G.S.Pillay Engineering College
9	BE Civil Engineering	CE	KARTHIKEYAN.A DHARUN.T HARSHAVARDHAN.T PARAMESHWARAN. P	Student project: PREPARATION CONCRETE BY USING GOLD MINE WASTES	E.G.S.Pillay Engineering College
10	BE Civil Engineering	CE	R.KRITHIK BOTHRA M.MOHAMED	Student project:	E.G.S.Pillay Engineering

  
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			ABDUL BASHITH S.NITHYA I.MOHAMED AJMAL	AN EXPERIMENTAL INVESTIGATION OF WAX CURING METHOD ON CONCRETE	College
11	BE Civil Engineering	CE	MOHAMEDFAHAD.F PRIYADHARSHINE.S SHAHIL MOHAMED.M SIVASHANKARI	Student project: SELF COMPACTING CONCRETE USING FLY ASH AS PARTIAL REPLACEMENT OF CEMENT	E.G.S.Pillay Engineering College
12	BE Civil Engineering	CE	M.MUGESH M.NIVASH R.SELVAGANPATHY R.VARATHARAJAN	Student project: MECHANICAL PROPERTIES OF PLASTIC AGGREGATES IN CONCRETE	E.G.S.Pillay Engineering College
13	BE Civil Engineering	CE	PRASANTH.V PUSHPARAJA SABARI NATHAN.C SARAN.S	Student project: REPORT OF SOIL ANALYSIS FOR CONSTRUCTION IN AND AROUND NAGAPATTINAM	E.G.S.Pillay Engineering College
14	BE Civil Engineering	CE	TAMIL VENDHAN.D JOTHISH.S MOHAMED ARAFATH.M KALAI MANNAN.K	Student project: ANALYSIS OF RUBBER BASE ISOLATION SYSTEM ON BUILDINGS	E.G.S.Pillay Engineering College
15	BE Civil Engineering	CE	VASANTH.N HAMEEDUL ASHIQUEN SAHIB.S MUHAMMAD NOUFAL MASTHAN.A SUNDAR.S	Student project: EXPERIMENTAL INVESTIGATION OF THERMOCRETE PANEL	E.G.S.Pillay Engineering College
16	BE Civil Engineering	CE	VENKATESHWARAN .J ARSATH AHAMED MALIMAR.J BALAJI MANOBALA	Student project: OPTIMAL WORK PATTERN ANALYSIS FOR CONSTRUCTION WORKERS	E.G.S.Pillay Engineering College
17	BE Civil	CE	K.YOGESHWARAN	Student project:	E.G.S.Pillay

  
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	Engineering		P.GOWRISANKAR H.MOHAMED FAHEEM K.SANJAI KUMAR	ENVIRONMENTAL AUDIT ON AN URBAN MUNICIPAL SOILD WASTE MANAGEMENT SYSTEM	Engineering College
18	BE Civil Engineering	CE	SUDHARSAN.S YOGESH.B SENTHURPANDIYAN .T KARTHIKEYAN.T	Student project: AN EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPRTIES OF BENDABLE CONCRETE USING AS GLASS FIBER	E.G.S.Pillay Engineering College
19	BE Civil Engineering	CE	PRATHAP.V MURUGANTHAM.M VASANTHAKUMAR. T	Student project: STUDY OF GEOPOLYMER CONCRETE	E.G.S.Pillay Engineering College
20	BE Civil Engineering	CE	SAJID AHMAD KHAN JASIF JAVAID WANI	Student project: PERFORMANCE EVALUATION OF FIBER REINFORCED PAVEMENT	E.G.S.Pillay Engineering College

  
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## List of students undertaking Field projects Academic Year – 2020 - 21

1.3.4 Percentage of students undertaking field projects / student projects/internships (Data for the latest completed academic year)

1.3.4.1: Number of students undertaking field projects / internships / student projects

S.No	Name	Student enrollment number	Programme name	Program Code	field projects	internships	student projects	Link to the relevant document
1	ABIS BAVADHARANI.S.P KISHOOREKUMAR.B MUNISWARAN.V	E18CER002 E18CER012 E18CER021 E18CER029	BE Civil Engineering	CE		√	√	
2	AAKASH.S ABU FIRNAZH.F AMRISH.J VINOOTH.S	E18CER001 E18CER003 E18CER007 E18CER050	BE Civil Engineering	CE		√	√	
3	AKASH.R ANBUKUMAR.M SUBITTAVARSHINI.S SARVESHKUMAR.D	E18CER004 E18CER008 E18CER041 E18CEL328	BE Civil Engineering	CE		√	√	
4	ALEX PANDIYAN.S ARTHI.M KOWSALYA. S ASATH.R	E18CER005 E18CER010 E18CER022 E18CEL302	BE Civil Engineering	CE		√	√	
5	ARIPRASATH.G KEERTHANA.S SRINITHI.M DHINAKARAN.M	E18CER009 E18CER020 E18CER039 E18CEL307	BE Civil Engineering	CE		√	√	
6	R.BALASUNDHARI B.BALAGURU T.VARIMUTHU K.VIGNESH	E18CER011 E18CEL303 E18CER045 E18CEL335	BE Civil Engineering	CE		√	√	
7	DEVASRI.C	E18CER013	BE Civil	CE		√	√	

  
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	GUNAL.T MOHAMED THASLEEM.T IYYAPPAN.K	E18CER014 E18CER027 E18CER027	Engineering					
8	HARI HARAN.E HARI HARAN.K MANJU.G NITHESH.N	E18CER015 E18CER016 E18CER024 E18CEL322	BE Civil Engineering	CE		√	√	
9	KARTHIKEYAN.A DHARUN.T HARSHAVARDHAN.T PARAMESHWARAN.P	E18CER019 E18CEL306 E18CEL310 E18CEL323	BE Civil Engineering	CE		√	√	
10	R.KRITHIK BOTHRA M.MOHAMED ABDUL BASHITH S.NITHYA I.MOHAMED AJMAL	E18CER023 E18CER025 E18CER031 E18CEL317	BE Civil Engineering	CE		√	√	
11	MOHAMEDFAHAD.F PRIYADHARSHINE.S SHAHIL MOHAMED.M SIVASHANKARI	E18CER026 E18CER034 E18CER037 E18CER038	BE Civil Engineering	CE		√	√	
12	M.MUGESH M.NIVASH R.SELVAGANPATHY R.VARATHARAJAN	E18CER028 E18CER032 E18CEL329 E18CEL333	BE Civil Engineering	CE		√	√	
13	PRASANTH.V PUSHPARAJA SABARI NATHAN.C SARAN.S	E18CER033 E18CER035 E18CER036 E18CEL327	BE Civil Engineering	CE		√	√	
14	TAMIL VENDHAN.D JOTHISH.S MOHAMED ARAFATH.M KALAI MANNAN.K	E18CER044 E18CEL313 E18CER318 E18CEL314	BE Civil Engineering	CE		√	√	
15	VASANTH.N HAMEEDUL ASHIQUEN SAHIB.S MUHAMMAD NOUFAL MASTHAN.A SUNDAR.S	E18CER046 E18CEL309 E18CEL320 E18CEL332	BE Civil Engineering	CE		√	√	
16	VENKATESHWARAN.J ARSATH AHAMED MALIMAR.J BALAJI	E18CER047 E18CEL301 E18CEL305 E18CEL316	BE Civil Engineering	CE		√	√	

  
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	MANOBALA							
17	K.YOGESHWARAN P.GOWRISANKAR H.MOHAMED FAHEEM K.SANJAI KUMAR	E18CER051 E18CEL308 E18CEL319 E18CEL326	BE Civil Engineering	CE		√	√	
18	SUDHARSAN.S YOGESH.B SENTHURPANDIYAN.T KARTHIKEYAN.T	E18CEL331 E18CEL336 E18CEL330 E18CEL315	BE Civil Engineering	CE		√	√	
19	PRATHAP.V MURUGANTHAM.M VASANTHAKUMAR.T	E18CEL324 E18CEL321 E18CEL334	BE Civil Engineering	CE		√	√	
20	SAJID AHMAD KHAN JASIF JAVAID WANI	E18CEL325 E18CEL312	BE Civil Engineering	CE		√	√	



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**NAGAPATTINAM - 611 002.**

APPENDIX 2

ANNA UNIVERSITY CHENNAI : 600025

BONAFIDE CERTIFICATE

certified that this project report "EXPERIMENTAL INVESTIGATION OF  
TEXTILE POLYMER MODIFIED CONCRETE" is the bonafide work of "ABIR S  
(E18CER002), BAVADHARAN I.S.P (E18CER012), KISHORE  
MAR.B (E18CER021), MUNISWARAN, V (E18CER029)" who carried out the  
project work under my supervision.

  
SIGNATURE

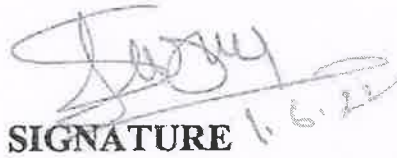
SUPERVISOR

RAKASH, M.E.,

DEPARTMENT OF CIVIL ENGINEERING

E.G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM-611002

  
SIGNATURE

HEAD OF THE DEPARTMENT

DR.S.ANAND KUMAR VARMA,M.E.,Ph.D.,

DEPARTMENT OF CIVIL ENGINEERING

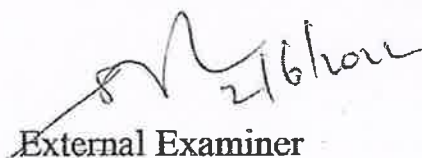
E.G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM-611002

Submitted for VIVA-VOCE examination held on ....02.06.2022..... at  
E.G.S. PILLAY Engineering College, Nagapattinam- 611 002.

  
Internal Examiner



  
External Examiner

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

E.G.S. PILLAY ENGINEERING COLLEGE  
(AUTONOMOUS)

NAGAPATTINAM-611002

**BONAFIDE CERTIFICATE**

This is to certify that the “AN EXPERIMENTAL INVESTIGATION OF PARTIAL REPLACEMENT OF CEMENT WITH CERAMIC POWDER IN CONCRETE” submitted by S. AAKASH, F. ABU FIRNAZH, J. AMRISH, S. VINOOTH is the bonafide work done by him and submitted during 2021-2022 academic year, in partial fulfillment of the requirement for the award of the degree of BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

SIGNATURE

  
**Dr. S. ANAND KUMAR VARMA**

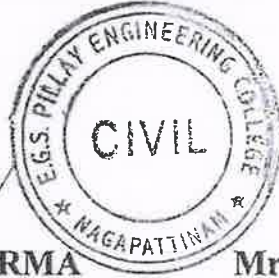
HEAD OF THE DEPARTMENT

CIVIL ENGINEERING

E.G.S. PILLAY ENGINEERING

COLLEGE (AUTONOMOUS)

NAGAPATTINAM- 611002



SIGNATURE

  
**Mr. V. BALASUBRAMANI, M.E**

SUPERVISOR

CIVIL ENGINEERING

E.G.S. PILLAY ENGINEERING

COLLEGE (AUTONOMOUS)


NAGAPATTINAM-611002

Submitted for the Viva-voce examination held on

02/06/2022

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

## BONAFIDE CERTIFICATE

Certified that the project is entitled "MECHANICAL PROPERTIES OF SELF COMPACTING CONCRETE USING IRON SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE" is the Bonafide work of AKASH.R, ANBUKUMAR.M, SUBITTAVARSHINI.S, SARVESHKUMAR.D. who carried out the project work under my supervision.

SIGNATURE

Dr. S. ANAND KUMAR VARMA

HEAD OF THE DEPARTMENT

Civil Engineering Department

E.G.S. Pillay Engineering College  
Nagapattinam



SIGNATURE

Mr. A. ARJUNAN

PROJECT GUIDE

Civil Engineering Department

E.G.S. Pillay Engineering College,  
Nagapattinam

Submitted on 02-06-22 for the viva voce examination of the Affiliated to Anna University, Chennai.

INTERNAL EXAMINER

EXTERNAL EXAMINER

Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

E.G.S. PILLAY ENGINEERING COLLEGE  
(AUTONOMOUS)  
NAGAPATTINAM-611002

**BONAFIDE CERTIFICATE**

This is to certify that the "EXPERIMENTAL INVESTIGATION ON  
PAVER BLOCKS USING STEEL SLAG AS PARTIAL REPLACEMENT OF  
FINE AGGREGATE" submitted by S. ALEX PANDIYAN, M. ARTHI,  
S. KOWSALYA" R. ASATH. is the bonafide work done by him and submitted  
during 2021-2022 academic year, in partial fulfillment of the requirement for the  
award of the degree of BACHELOR OF ENGINEERING IN CIVIL  
ENGINEERING

SIGNATURE

  
Dr. S. ANAND KUMAR VARMA

HEAD OF THE DEPARTMENT

CIVIL ENGINEERING

E.G.S. PILLAY ENGINEERING

COLLEGE (AUTONOMOUS)

NAGAPATTINAM- 611002

SIGNATURE

  
Mr .G PRAKASH M.E

SUPERVISOR

CIVIL ENGINEERING

E.G.S. PILLAY ENGINEERING

COLLEGE (AUTONOMOUS)


NAGAPATTINAM-611002

Submitted for the Viva-Voce examination held on 02/06/2022

  
INTERNAL EXAMINER



  
EXTERNAL EXAMINER

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.



ANNA UNIVERSITY: CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certified that this project report “USE OF TREATED EFFLUENT AS A MIXING WATER FOR CONCRETE” is the bonafide work”  
ARIPRASATH.G (E18CER009), KEERTHANA. S (E18CER020),  
SRINITHI.M (E18CER039), DHINAKARAN.M (E18CEL307)” Who carried  
out the project work under my supervision.

  
SIGNATURE

**Dr. S. ANAND KUMAR VARAM**

**HEAD OF THE DEPARTMENT**

Department Of Civil Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam, 611 110.

  
SIGNATURE

**T. ADHAVANADHAN**

**SUPERVISOR**

Department of Civil Engineering  
E.G.S. Pillay Engineering College  
Nagapattinam, 611 110.

Submitted for VIVA-VOCE examination held on .....02/06/2022..... at  
E.G.S. PILLAY Engineering College, Nagapattinam- 611 002.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER




  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

E.G.S. PILLAY ENGINEERING COLLEGE  
(AUTONOMOUS)  
NAGAPATTINAM-611002

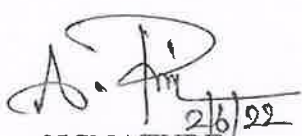
**BONAFIDE CERTIFICATE**

This is to certify that the "MECHANICAL PROPERTIES OF PAVER BLOCKS WITH PARTIAL REPLACEMENT OF VIAL GLASSES" submitted by "B.BALAGURU, R.BALASUNDHARI, T.VAIRAMUTHU, K.VIGNESH is the bonafide work done by him and submitted during 2021-2022 academic year, in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF ENGINEERING IN CIVIL ENGINEERING**

SIGNATURE

  
Dr. S. ANAND KUMAR VARMA  
HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING  
E.G.S. PILLAY ENGINEERING  
COLLEGE (AUTONOMOUS)  
NAGAPATTINAM- 611002


SIGNATURE

  
Mr. BALASUBRAMANI M.E  
SUPERVISOR  
CIVIL ENGINEERING  
E.G.S. PILLAY ENGINEERING  
COLLEGE (AUTONOMOUS)  
NAGAPATTINAM-611002


Submitted for the Viva-voce examination held on

02-06-2022

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER



  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611002.

APPENDIX 2

ANNA UNIVERSITY: CHENNAI - 600 025

BONAFIDE CERTIFICATE

Certified that this project report "EVALUATION OF INDUSTRIAL & AGRICULTURAL FOR THE PARTIAL REPLACEMENT OF CEMENT AND FINE AGGREGATE IN CONCRETE" is the bonafide work "DEVASRI.C-(E18CER013), GUNAL.T-(E18CER014), MOHAMED THASLEEM.T-(E18CER027), IYYAPPAN.K-(E8CEL311)" Who carried out the project work under my supervision.

  
SIGNATURE 31.5.22

Dr. S. ANAND KUMAR VARMA  
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Submitted for VIVA-VOCE examination held on .....02...06...22.....  
at E.G.S. PILLAY Engineering College, Nagapattinam- 611 002.

  
INTERNAL EXAMINER




  
EXTERNAL EXAMINER

  
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**BONAFIDE CERTIFICATE**

Certified that this project report "PERFORMANCE EVALUATION OF INTERNAL CURING AGENTS IN CONCRETE BY USING SODIUM POLYACRYLATE" is the bonafide work of "E. HARIHARAN, K. HARIHARAN, G. MANJU, N. NITHESH" Who carried out the project work under my supervision.

  
SIGNATURE

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**BONAFIDE CERTIFICATE**

Certified that this project report "PREPARATION OF CONCRETE BY USING GOLD MINE WASTES " is the bonafide work of " A.KARTHIKEYAN , T.DHARUN , T.HARSHAVARDHAN , P.PARAMESHWARAN " Who carried out the project work under my supervision.

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INTERNAL EXAMINER



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**BONAFIDE CERTIFICATE**

This is to certify that the “AN EXPERIMENTAL INVESTIGATION OF WAX CURING METHOD ON CONCRETE” submitted by R. KRITHIK BOTHRA, M. MOHAMED ABDUL BASHITH, S. NITHYA, I. MOHAMEDAJMAL is the bonafide work done by him and submitted during 2021-2022 academic year, in partial fulfillment of the requirement for the award of BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

SIGNATURE



**Dr. S. ANAND KUMAR VARMA**

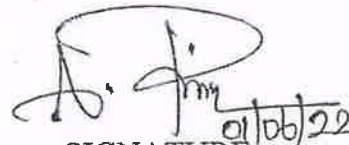
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SUPERVISOR

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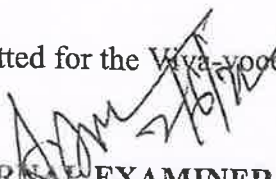
COLLEGE (AUTONOMOUS)

NAGAPATTINAM-611002

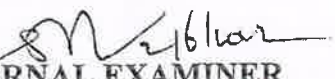
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02.06.2022

INTERNAL EXAMINER



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**BONAFIDE CERTIFICATE**

Certified that this project report "ANALYSIS OF RUBBER BASE ISOLATION SYSTEM ON BUILDINGS" is the bonafide work of "TAMIL VENDHAN.D , JOTHISH.S, MOHAMED ARAFATH.M, KALAI MANNAN.K" Who carried out the project work under my supervision.

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Submitted for the Viva-Voce examination held on

02/06/2022

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INTERNAL EXAMINER



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EXTERNAL EXAMINER

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## BONAFIDE CERTIFICATE

Certified that this project report “EXPERIMENTAL INVESTIGATION OF THERMOCRETE PANEL” is the bonafide work of “MUHAMMAD NOUFAL MASTHAN A(E18CEL320), HAMEEDUL ASHIQUEN SAHIB S(E18CEL309),VASANTH N(E18CER046), SUNDAR S(E18CEL332)” who carried out the project under my supervision.

SIGNATURE

Dr.S.ANAND KUMAR VARMA,M.E.,Ph.D

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Submitted by viva-voce examination held on 02.06.2022

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**EGS PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**

**ANNA UNIVERSITY : CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

This is to certify that the project report "OPTIMAL WORK PATTERN ANALYSIS FOR CONSTRUCTION WORKERS" submitted by VENKATESHWARAN. J (E18CER047), ARSATH AHAMED MALIMAR. J (E18CEL301), BALAJI. M (E18CEL305), MANOBALA. M (E18CEL316) who carried out this project under my supervision and it is bonafide record of work done by them and submitted during 2021-2022 academic year, in partial fulfillment of the requirement for the award of the degree of BACHELOR OF ENGINEERING IN CIVIL ENGINEERING.

SIGNATURE



**Dr. S. Anand Kumar Varma, M.E., Ph.D.,**

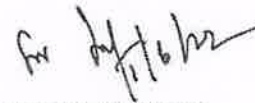
**HEAD OF THE DEPARTMENT**

Department Of Civil Engineering

E.G.S Pillay Engineering College

Submitted by viva-voce examination held on .... 2/6/22

SIGNATURE

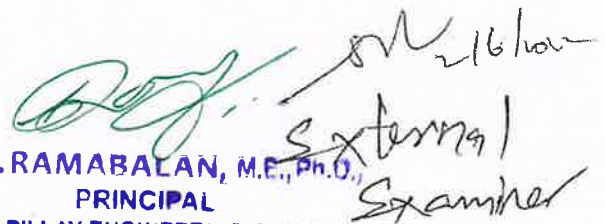


**Mr. S. Shyam Sundar, M.E.,**

**SUPERVISOR**


Department Of Civil Engineering

**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
**E.G.S. PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**



## BONAFIDE CERTIFICATE

Certified that the project thesis entitled "ENVIRONMENTAL AUDIT ON AN URBAN MUNICIPAL SOILD WASTE MANAGEMENT SYSTEM" is the Bonafide work of K.YOGESHWARAN, P.GOWRISANKAR, H.MOHAMED FAHEEM, K.SANJAI KUMAR who carried out the project work under my supervision.

  
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Civil Engineering Department  
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Submitted on 21/6/22  
University, Chennai.

for the viva voce examination of the Affiliated to Anna

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

  
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NAGAPATTINAM - 611 002.

ANNA UNIVERSITY: CHENNAI - 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AN EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES OF BENDABLE CONCRETE USING AR GLASS FIBER" is the Bonafide work "KARTHIKEYAN.T(E18CEL315), SENTHURPANDIYAN.T(E18CEL330), SUDHARSAN.S(E18CEL331), YOGESH.B(E18CEL336)" Who carried out the project work under my supervision.

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ANNA UNIVERSITY: CHENNAI - 600 025

BONAFIDE CERTIFICATE

Certified that this project report "STUDY OF GEOPOLYMER CONCRETE" is the Bonafide work "PRATHAP.V(E18CEL324), MURUGANANTHAM.M (E18CEL321), VASANTHAKUMAR.T (E18CEL334)" Who carried out the project work under my supervision.

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Dr. S. ANAND KUMAR VARMA

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Mr. A.A. ARJUNAN

(PROJECT SUPERVISOR)

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Submitted for VIVA-VOCE examination held on 02-06-2022..... at E.G.S. PILLAY Engineering College, Nagapattinam- 611 002.

INTERNAL EXAMINER



EXTERNAL EXAMINER

Dr. S. RAMABALAN, M.E., Ph.D.  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

## BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE EVALUATION OF CARBON FIBER REINFORCED PAVEMENT" is the bonafide work of "SAJID AHMAD KHAN (E18CEL325) AND JASIF JAVAID WANI (E18CEL312)" who carried out the project work under my supervision.

  
SIGNATURE

Dr. S. ANAND KUMAR VERMA P.H.D.,  
HEAD OF DEPARTMENT

Department of Civil Engineering  
E.G.S.Pillay Engineering College  
Nagapattinam.

  
SIGNATURE

MS KARTHIKA., M.E  
SUPERVISOR

Department of civil Engineering  
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Nagapattinam.

Submitted for the Viva-Voce examination held on 02/06/22

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER



  
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