

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC INTERNAL QUALITY ASSURANCE CELL INDRA GANESAN COLLEGE OF ENGINEERING

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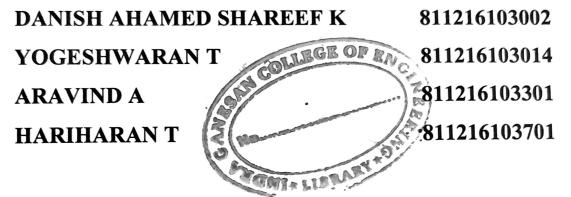
DEPARTMENT OF CIVIL ENGINEERING

S.No	Project Title	No Students
1	DESIGNING AND PLANNING OF CROSS DRAINAGE SYSTEM	04
2	ANALYSIS AND DESIGN OF STEEL BRIDGE GIRDER	03
3	PLANNING AND DESIGNING OF OUTDOOR STADIUM	03
4	AN EXPERIMENTAL INVESTIGAATION ON STRENGTH AND DURABILITY OF CONCRETE PROPERTIES BY PARTIAL REPLACEMENT OF FOUNDRY SAND AS A FINE AGGREGATE.	04
5	EXPERIMENTAL STUDY ON TREATMENT OF HOUSEHOLD WASTE WATER BY USING NATURAL COAGULANT	04
6	A COMPARITIVE STUDY ON CONCRETE PROPERTIES BY USING RED SOIL AS A PARTIAL REPLACEMENT OF FINE AGGREGATES A PROJECT REPORT	04

DESIGNING AND PLANNING OF CROSS DRAINAGE SYSTEM

A PROJECT REPORT

Submitted by



in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

INDRA GANESAN COLLEGE OF ENGINEERING

TRICHIRAPALLI

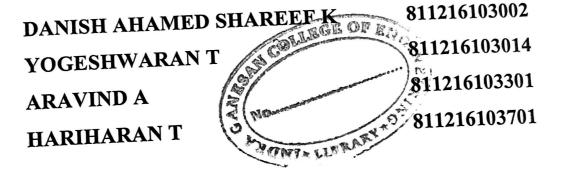
ANNA UNIVERSITY : CHENNAI 600 025

OCTOBER 2019

DESIGNING AND PLANNING OF CROSS DRAINAGE SYSTEM

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TRICHIRAPALLI

ANNA UNIVERSITY : CHENNAI 600 025

OCTOBER 2019

ANNA UNIVERSITY :CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGNING AND PLANNING OF CROSS DRAINAGE SYSTEM" is bonafide work of DANISH AHAMED SHEREEF K (811216103002), YOGESHWARAN T (811216103014), ARAVIND A (811216103301), HARIHARAN T (811216103701) who carried out the project work under my supervision.

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Mr.S.DHINESHKUMAR, M.Tech., SUPERVISOR Assistant Professor Department of Civil Engineering Indra Ganesan College Of Engineering Trichy-12

This project book is submitted for **CE6712 DESIGN PROJECT** Viva - Voce Examination held on <u>31-10 - 2019 (AN</u>)

PA-Sil

EXTERNAL EXAMINER

ANALYSIS AND DESIGN OF STEEL BRIDGE GIRDER

A PROJECT REPORT

Submitted by

ISHWARYA V KALPANA K PREETHA S SRINANDHINI V P 811216103005
811216103007
811216103010
811216103011

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

IN



INDRA GANESAN COLLEGE OF ENGINEERING TIRUCHIRAPPALLI

ANNA UNIVERSITY: CHENNAI 600 025 OCTOBER 2019

ANALYSIS AND DESIGN OF STEEL BRIDGE GIRDER

A PROJECT REPORT

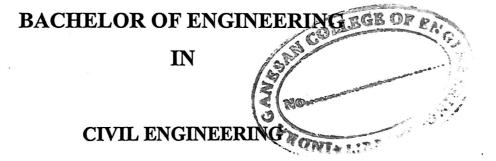
Submitted by

ISHWARYA V KALPANA K PREETHA S SRINANDHINI V P

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INDRA GANESAN COLLEGE OF ENGINEERING TIRUCHIRAPPALLI

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Certified that this project report "ANALYSIS AND DESIGN OF STEEL BRIDGE GIRDER" is the bonafide work of "ISHWARYA V (811216103005), KALPANA K (811216103007), PREETHA S (811216103010), SRINANDHINI VP (811216103011), who carried out the

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This project work is submitted for Viva-voce examination held on **<u>31/10/19 AN</u>**

INTERNA

EXTERNAL EXAMINER

PLANNING AND DESIGNING OF OUTDOOR

STADIUM

A PROJECT REPORT

RAJ GOKUL A B SYED JAMIRDEEN S JAMES ALPHONES RAJ A PRASANTH N R Submitted by MEC 811216103012 811216103006 811216103303 811216103302

BACHELOR OF ENGINEERING

in partial fulfilment for the award of the degree of

CIVIL ENGINEERING

INDRA GANESAN COLLEGE OF ENGINEERING

ANNA UNIVERSITY: CHENNAI 600 025

OCTOBER 2019

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PLANNING AND DESIGNING OF OUTDOOR

STADIUM

A PROJECT REPORT

RAJ GOKUL A B	PRASANTH N R	SYED JAMIRDEEN S	JAMES ALPHONES RAJ A	Submitted by
811216103303	811216103302	811216103012	811216103006	

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N R 811216103302, RAJ GOKUL A B 811216103303" who carried out the project work under my supervision. RAJ A 811216103006, SYED JAMIRDEEN S 811216103012, PRASANTH OUTDOOR STADIUM" is the bonafide work of "JAMES ALPHONES Certified that this project report "PLANNING AND DESIGNING OF O. Bo

G. Joon SIGNATURE STONT A THERAS SIGNATURE

Ms.G.BHARANI B.E., M.Tech

Ms.G.BHARANI B.E., M.Tech

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This project book is submitted for CE6712 DESIGN PROJECT viva-voce

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INTERNAL EXAMINER Ĩ

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WARCH 2021

ANNA UNIVERSITY: CHENNAI 600 025

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A PROJECT REPORT

EOUNDRY SAND AS A FINE AGGREGATE. PROPERTIES BY PARTIAL REPLACEMENT OF STRENGTH AND DURABILITY OF CONCRETE AN EXPERIMENTAL INVESTIGAATION ON

ANNA UNIVERSITY: CHENNAI 600 025

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EOUNDRY SAND AS A FINE AGGREGATE. PROPERTIES BY PARTIAL REPLACEMENT OF STRENGTH AND DURABILITY OF CONCRETE AN EXPERIMENTAL INVESTIGAATION ON

VNNV DNIAEBSILA: CHENNVI 000 052

BONAFIDE CERTIFICATE

project work under my supervision. (811217103302), THIRUPATHI RAJA G (811217103304). who carried out the (811217103006), ARUN PRASATH R (81121710301), JOEL FERNANDEZ R of" BALASUBRAMANI B MOLK əpıjuoə əyş SI **VECKECVLE**. **OE EOUNDRY SAND AS A FINE BX FARTIAL REPLACEMENT** ON STRENGTH AND IN DURABILITY OF CONCRETE PROPERTIES Certified that this project report " AN EXPERIMENTAL INVESTIGATION

Mr. K. SARAVANAN

HEAD OF THE DEPARTMENT

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Department of Civil Engineering

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SUPERVISIOR

Mr.K.SARAVANAN

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This project work is submitted for Viva-voce examination held on 05/08/2021 (Fu)

Tiruchirappalli – 12

INTERNAL EXAMINER

EXTERNAL EXAMINER

WARCH 2021

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V PROJECT REPORT

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VINA UNIVERSITY: CHENNAI 600 025

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A PROJECT REPORT

NATURAL COAGULANT HOUSEHOLD WASTE WATER BY USING EXPERIMENTAL STUDY ON TREATMENT OF

INTERNAL EXAMINER

Indra Ganesan College of Engineering

Department of Civil Engineering

HEAD OF THE DEPARTMENT

EXLEBNAL EXAMINER

Tiruchirappalli - 12.

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Engineering

Indra Ganesan College of

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rossefor Professor

SUPERVISOR

Mrs.K.VANISRI

N. N. J. SIGNATURE

(811217103016)" who carried out the project work under my supervision. (811217103009), MONIKA M (811217103011), THAMARAI SELVI K NATURAL COAGULANT" is the bonafide work of "KOKILA P TREATMENT OF HOUSEHOLD WASTEWATER BY USING Certified that this project report "EXPERIMENTAL STUDY ON

BONVEIDE CERTIFICATE

VNAA UNIVERSITY: CHENNAI 600 025

SIGNATURE

Mr.K.SARAVANAN

VINA UNIVERSITY: CHENNAI 600 025

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BACHELOR OF ENGINEERING

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ang partial fulfilment for the award of the degree

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V FROJECT REPORT

BEFLACEMENT OF FINE ACCRECATES PROPERTIES BY USING RED SOIL AS A PARTIAL A COMPARITIVE STUDY ON CONCRETE

VNAA UNIVERSITY: CHENNAI 600 025

INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY



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A PROJECT REPORT

BEFLACEMENT OF FINE AGGREGATES PROPERTIES BY USING RED SOIL AS A PARTIAL A COMPARITIVE STUDY ON CONCRETE

INTERNAL EXAMINER

EXLEBNAL EXAMINER

This Project Work Is Submitted for Viva Voce Examination Held On 0598|202) (f_N)

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Trichy-12

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SIGNATURE

KUMAR S (811217103015)" who carried out the project work under my

DEEPAN K S (811217103007), SALEEM KHAN S (811217103014), SATHISH

FINE AGGREGATES "" is the bonafide work of "AKASH S (811217103002),

PROPERTIES BY USING RED SOIL AS A PARTIAL REPLACEMENT OF

Certified that this project report 'A COMPARITIVE STUDY ON CONCRETE

BONAFIDE CERTIFICATE

VNNV UNIVERSITY: CHENNAI 600 025

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SIGNATURE

K. SARAVANAN, M.E.,