



VASAN BUILDERS & CONTRACTORS

16-B, K.R. Pushpam Complex,
Aarth Theatre Road, Dindigul - 624 001.
Phone : 0451 - 2434454

Date :09/08/2022

TO WHOM SO EVER THIS MAY CONCERN

This is certify that Mr.A.P.K.YOGESH ARASAN (Reg.No.922119103017) of
III-year B.E. Civil Engineering from **SSM Institute of Engineering and
Technology, Dindigul**, has successfully completed his internship in our company
from 13th July 2022 to 08th August 2022.

During the tenure of the internship his performance was good.

We wish him all the best in his future endeavors.

Yours sincerely

VASAN BUILDERS & CONTRACTORS

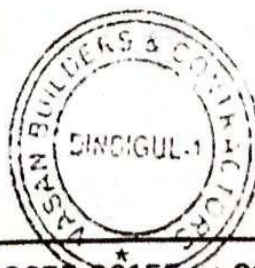
Proprietor

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal

SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu P.O.,
Palani Road, Dindigul - 624 002



GSTIN: 33BABPS9280A1ZU



Mobile : + 91 99655 66155, + 91 93679 13089

E mail : vasan.builders@gmail.com

TIN No : 33155221616 CST No : 168245 Dated - 16.09.2008

PLANNING ANALYSIS AND DESIGN OF A MULTI PURPOSE BUILDING

A PROJECT REPORT

Submitted by

SANTHOSH CALVINN J (922119103011)

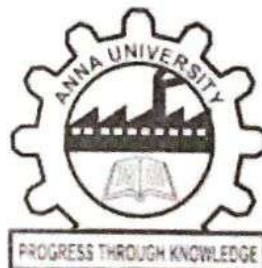
SIVA R (922119103014)

YOGESH ARASAN APK (922119103017)

*In partial fulfillment for the award of the degree
of*

**BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING**


**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY
DINDIGUL – 624 002**



ANNA UNIVERSITY, CHENNAI - 600 025

JANUARY 2023




Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (MOS)
Principal
SSM Institute of Engineering and Technology
Kuttrathupatti Village, Sindalagundi (Po),
Palani Road, Dindigul - 624 002

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that this project report “**PLANNING ANALYSIS AND DESIGN OF A MULTI PURPOSE BUILDING**” is the bonafide work of “**SANTHOSH CALVINN. J (922119103011), SIVA. R (922119103014), YOGESH ARASAN. A.P.K (922119103017)**, who carried out the project work under my supervision.

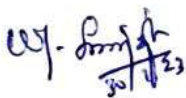

SIGNATURE

Dr.G.Selvabharathi, M.E., Ph.D.,
Head of the Department,
Department of Civil Engineering,
SSM Institute of Engineering and
Technology,
Dindigul – 624002.


SIGNATURE

Mr.V.Praveen Jesuraj M.E., (Ph.D.,)
SUPERVISOR
Assistant Professor
Department of Civil Engineering,
SSM Institute of Engineering and
Technology,
Dindigul – 624002.

Submitted for the viva-voce examination held on 30/1/23



INTERNAL EXAMINER


EXTERNAL EXAMINER



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttiathupatti Village Sindalagundi P.O.
Palani Road, Dindigul - 624 004

TREATMENT OF INDUSTRIAL WASTEWATER BY COMBINED NATURAL – ELECTRO COAGULATION PROCESS

A PROJECT REPORT

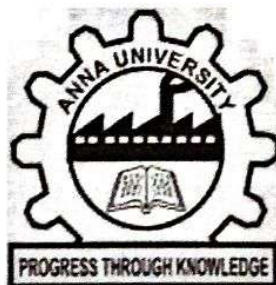
Submitted by

SANTHOSH CALVINN J	(922119103011)
SIVA R	(922119103014)
YOGESH ARASAN APK	(922119103017)

*In partial fulfillment for the award of the
degree of*

BACHELOR OF ENGINEERING
in
CIVIL ENGINEERING

**SSM INSTITUTE OF ENGINEERING AND
TECHNOLOGY DINDIGUL – 624 002**

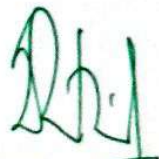


ANNA UNIVERSITY, CHENNAI - 600 025



MAY 2023

i


Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupattu Village, Sindalagundu P.O.,
Palani Road, Dindigul - 624 002

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that this project report “**TREATMENT OF INDUSTRIAL WASTEWATER BY COMBINED NATURAL – ELECTRO COAGULATION PROCESS**” is the bonafide work of “**SANTHOSH CALVINN. J (922119103011), SIVA. R (922119103014), YOGESH ARASAN. A.P.K (922119103017)**, who carried out the project was under my supervision.

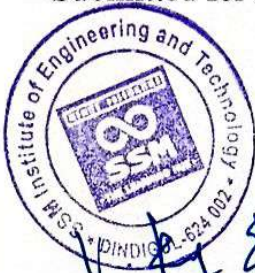

SIGNATURE

Dr.G.SELVABHARATHI, M.E., Ph.D.,
HEAD OF THE DEPARTMENT,
Associate Professor
Department of Civil Engineering,
SSM Institute of Engineering and
Technology,
Dindigul – 624002.

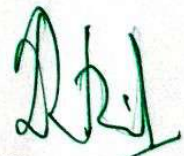

SIGNATURE

Mr.T.SIVAGANESAN, M.E.,
SUPERVISOR
Assistant Professor
Department of Civil Engineering,
SSM Institute of Engineering and
Technology,
Dindigul – 624002.

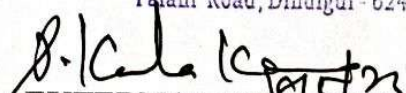
Submitted for the viva-voce examination held on 18/05/23




INTERNAL EXAMINER



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (P.O.),
Palani Road, Dindigul - 624 002


EXTERNAL EXAMINER