



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

Date :09/08/2022

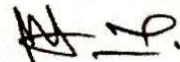
**TO WHOM SO EVER THIS MAY CONCERN**

This is certify that Mr.J.SANTHOSH CALVINN (Reg.No.922119103011) of  
III-year B.E. Civil Engineering from SSM Institute of Engineering and  
Technology, Dindigul, has successfully completed his internship in our company  
from 13<sup>th</sup> July 2022 to 08<sup>th</sup> August 2022.

During the tenure of the internship his performance was good.

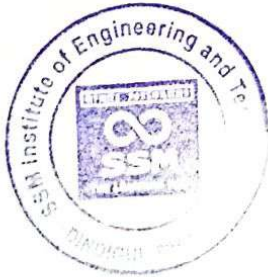
We wish him all the best in his future endeavors.

**Yours sincerely,**  
For VASAN BUILDERS & CONTRACTORS

  
Proprietor



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



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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)**

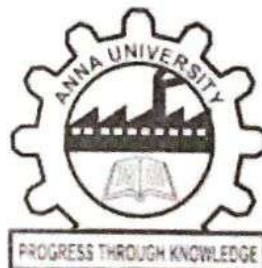
**SIVA R (922119103014)**

**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.

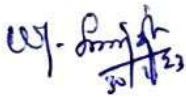
  
**SIGNATURE**

Dr.G.Selvabharathi, M.E., Ph.D.,  
Head of the Department,  
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Dindigul – 624002.

  
**SIGNATURE**

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**SUPERVISOR**  
Assistant Professor  
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Submitted for the viva-voce examination held on 30/1/23



**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**



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

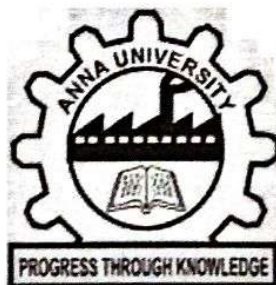
*In partial fulfillment for the award of the  
degree of*

**BACHELOR OF ENGINEERING**

*in*

**CIVIL ENGINEERING**

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

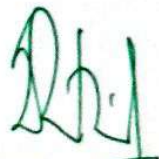


**ANNA UNIVERSITY, CHENNAI - 600 025**



**MAY 2023**

i

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

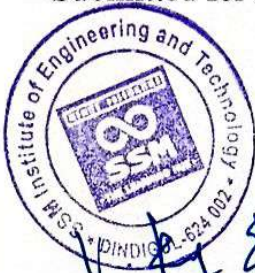
  
**SIGNATURE**

**Dr.G.SELVABHARATHI, M.E., Ph.D.,**  
**HEAD OF THE DEPARTMENT,**  
Associate Professor  
Department of Civil Engineering,  
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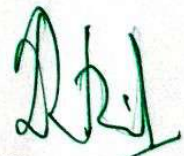
  
**SIGNATURE**

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**SUPERVISOR**  
Assistant Professor  
Department of Civil Engineering,  
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Dindigul – 624002.

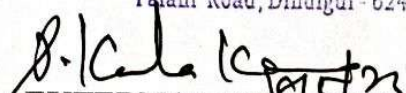
Submitted for the viva-voce examination held on 18/05/23



  
**INTERNAL EXAMINER**



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**EXTERNAL EXAMINER**