

SYED SAADATH

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PERSONAL PROFILE

A triangular first year Structural Design and Construction Management with keen interests in technical works and research, I have worked in various projects and successful completion of the projects in time. Working in hospitality has led me to be an efficient team member and help others in moving forward together. In search of placement which enables me to deal with the real world problems in the structural design and construction industry.

EDUCATION

Msc Structural Design and Construction Management, Kingston University, September 2019 to present

Modules

- Management of Project Risk, Quality and Safety (scored A-)
- Seismic Design of Structures and Substructure Design (scored A-)
- Structural Design in Concrete and Steel (Present)
- Estimating, Tendering and Procurement (Present)

Bachelor Of Technology(Civil Engineering),Mahindra Ecole Centrale, August 2014-April 2018

Modules

- French Language & Culture
- Mechanics & Thermodynamics
- Calculus & Ordinary Differential Equations
- Basic Electrical Engineering
- Introduction to Engineering Design
- Introduction to Society & Technology
- Literature & Philosophy

- Linear Algebra & Applied Analysis
- Introduction to Computer Science
- Electronics
- Media project
- Cinema & Philosophy
- Electromagnetism & Optics
- Real Analysis & Algebra
- Signals & Systems
- Solid Mechanics & Fluid Mechanics
- Introduction to Economy
- Indian English Literature
- Design Thinking
- Biology
- Material Science
- Computational Methods & Scientific
- Data Structures & Algorithms
- Introduction to Modern Physics
- Design Project
- Engineering Surveying
- Multiphysics
- Earth & Environmental Sciences
- Computer Aided Engineering Design(CAD)
- Structural Analysis
- Water Resources Engineering
- Corporate Management & Finance
- Fluid Mechanics
- Soil & Rock Mechanics
- Design of Steel Structures
- Reinforced and Pre-stressed Concrete Design
- Construction Technology
- Building Materials
- Transportation Engineering
- Environmental Engineering
- Foundation Engineering

- Communication Skills & Personality Development
- Construction Project Management
- Earthquake Engineering
- Traffic Engineering & Management
- Entrepreneurship, IPR & LAW

IIT JEE Mains

- Score:- 155/360

PROJECTS

Prototype of College Logo
Mahindra College Centrale
Designed and Prototyped
college logo using wood

November 2014

Documentary Film Making
Rajiv Gandhi International Airport, Shamshabad.
I'm the editor for the Documentary film on working of
Airport

April 2015

Fast Fourier Transform
Mahindra Ecole Centrale

March 2015

Fourier Transform Based Signal Time-Frequency y-Noise Analysis

Bridge Design
Mahindra Ecole Centrale

Jan 2016-April
2016

Designed a truss bridge using cardboard to with stand 15kg of mass

Structural Design of an Indoor Stadium

Aug 2016-Dec
2016

Mahindra Ecole Centrale

Designed a stadium using AutoCAD and Staad pro

Self-healing Concrete
Mahindra Ecole Centrale

Feb 2017

Working on bacteria based self-healing concrete

Final Year Project
Mahindra Ecole Centrale
Limit State Structural Design of Offshore Pipelines

March 2017-April 2018

Work done in the Final Year Project

The objective of this project is to study the design and analysis of offshore pipelines which are laid on the seabed. Subsea pipelines are used primarily to carry oil or gas. Aspects related to structural design, such as internal pressure containment, collapse under external pressure, material grade selection, and design code selection will be addressed. A brief study of different installation techniques and construction loads will be included. Different loads acting on the structure and different modes of failure of pipeline will be discussed. Comparison between design standards will be performed by selecting the structural design parameters (such as diameter-to-wall thickness ratio) and calculating the failure loads for a typical offshore pipeline using different design codes.

A Levels, Board of Intermediate, Narayana Junior College, Nellore, India, June 2012 - May 2014

Mathematics (A1) , English Language (A2), Physics(A2), Chemistry (A2), Practicals (A1)

Scored:- 89%

GCSEs, Narayana Concept School, Nellore, A.P, India, May 2011 - June 2012

Mathematics (A1), General Science (A1), English Language (B1), Social Studies (A2), Hindi Language (B1), Telugu Language (A2)

Scored:- 90%

INTERNSHIPS

Period(From-To)	Company	Designation	Role & Responsibilities
2 nd June 2016 - 9 July 2016	People Combine Infrastructure Limited	Jubilee hills, Hyderabad.	Surveying an Area
11 th July 2016 - 16 July 2016	Skyfi Labs	Bangalore	Survey Camp Using Total Station and GIS
29th June 2017 - 1 August 2017	AIESEC	Egypt	Architecture

TECHNICAL SKILLS

Computational tools: Matlab, Python

Design software: AutoCAD, Staad

POSITIONS OF RESPONSIBILITY

Course Representative, Structural Design and Construction Management

- Performing the duties for betterment of the course and in helping the students have a healthy study environment.

INTERESTS AND ACHIEVEMENTS

- Represented as Volleyball Team Captain for 4 Years during my Bachelors Degree and participated in BITS Arena Fest (2014 - 2018)
- Won various Volleyball and Cricket Tournaments during my High School
- Love to travel and explore the cities