

# MARUTHAMUTHU P

## STRUCTURAL ENGINEER

4/73 , West Street , Ellapatty,  
Chettiyapatty(P.O), A. Vellodu,  
Dindigul , TN, 624307

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Able to work in a suitable platform to exhibit my skills and gain knowledge in a productive environment and contribute to the academic growth of the students as well as institution.



## Education

2018-09 - 2020-05

### Master of Engineering: Structural Engineering

*Sri Krishna College Of Technology - Coimbatore*

- Elected Class Representative
- Thesis : Characterisation and Finite Element Analysis of Self-Compacting Concrete Using Industrial Wastes And Hybrid Fibres (Phase-2)
- Thesis : Experimental Investigation and Microstructure Studies on Self-Compacting Concrete Using Industrial Wastes And Hybrid Fibres (Phase-1)
- Graduated with 9.18 CGPA
- Graduated with Third Rank in 3rd Semester
- Received OBC Welfare Scholarship for the entire period of Study
- Did a SNAG report for new Hostel Blocks at Sri Krishna College of Technol

2014-08 - 2018-04

### Bachelor of Engineering: Civil Engineering

*Vel Tech Multi Tech Engineering College - Chennai*

- Graduated with 7.49 CGPA
- Received OBC Welfare Scholarship for the entire period of Study
- Thesis: Factors Affecting Onsite Labour Productivity in Residential Construction : To give suggestions to improve labour productivity in residential construction sites by using Spearman correlation technique.
- Thesis: Design and comparative analysis of flexible and rigid pavements : To design and comparative cost analysis of flexible and rigid pavements based on IRC standards.

2013-04 - 2014-03

### High School Diploma

*Government Higher Secondary School - Chettiyapatty*

- 86.75%

2019-12 - 2019-12



## Work History



### Internship Student

MADURAA CONSULTANTS, Salem, Tamil Nadu

Designed an Executive Bungalow using E- TABS and SAFE Software



### Internship Student

Chennai Metro Rail Limited, Chennai, Tamil Nadu

2017-10 - 2017-10



## ACCOMPLISHMENTS



- Secured Third Rank in the academic year 2019-2020- M.E Structural Engineering.
- Secured prizes for Essay & Poetry writings (TAMIL) at school level
- Awarded merit certificates & prizes for topper at school level



## Software



AutoCAD



Revit Architecture



Staad Pro



E-TABS



Primavera



MS Project



3DS- Max



## Certifications



NPTEL : Modern Construction Materials



NPTEL : Earthquake Geology



NPTEL: Sustainable Materials and Green Buildings



## Co Curricular Activities



- Attended a workshop on “Total Station and Advanced Surveying” conducted by Dr.N.G.P. Institute of Technology, Coimbatore.
- Attended a workshop on “Modeling and Analysis of RCC & Steel structures for research practice using ANSYS” conducted by SNS college of Technology,Coimbatore.
- Participated awareness campaign of Accident free Nation, “Golden Hour And Good Samaritan Law” conducted by thozhan organisation.



## Online LEARNING during COVID-19

- Attended a open online indo-south african workshop on “Use of Recycled Aggregates in concrete” conducted by IITM & university of the witwatersand.
- Participated Various Quiz programme on “MyGovt” conducted by MHRD.
- Participated webinar on “ Kanavu Meipada” conducted by innovative services.
- Participated Webinar on “Dream Your Destiny” conducted by Tagore engineering college,chennai.
- Participated in the NPTEL E-awareness workshop conducted along with Vedavyasa institute of technology.
- Attended a online workshop on “Recent Advances in Science and Technology of Concrete” conducted by Indian Institute of Technology, Madras.
- Attended a online workshop on “Resilience of Concrete construction” conducted by Indian Institute of Technology, Madras.
- Participated in the Webinar on “Reinforcement Detailing for Durable Performance of Concrete” conducted by SRM Institute of Science and Technology,Chennai.
- Participated in the Webinar on “Flooring and Coating in construction” conducted by SSN College of Engineering,Chennai.
- Attended various conferences ‘KANAVU MEIPADA’. By INNOVATIVE SERVICES.
- Attended a workshop on MS EXCEL by INNOVATIVE Services.
- Attended a workshop on Health & Well Being.



## PAPER PRESENTATIONS

- Presented a paper on “Experimental investigation and microstructure studies on SCC using industrial waste and hybrid fibres” in National Web Conference on Innovations in Concrete and Construction 2020.
- Presented a paper on “Study on Composite Columns With Recycled Concrete Aggregate” in International Conference on Emerging Trends in Engineering and Management 2020.
- Presented a paper on “A Study on chemical attack on Self Compacting Concrete” in National Conference NCTICM 2015.
- Presented a paper on “Steel Fiber based Concrete with adding Fly ash ” in National Conference NCMDMS 2017.



## Journals

“Experimental Investigation on Rock Filled Self-Compacting Concrete ”,  
International Journal of Engineering Research & Technology (IJERT),  
ISSN:2278- 0181, Issue 6, volume 9, June- 2020.



## Industrial Visits

- Kilpauk Water Treatment Plant, Chennai – 2015.
- Sathanoor Reservoir, Thiruvanamalai – 2016.
- Ranipet Effluent Treatment Plant, Ranipet – 2017.
- Manali Tamilnadu Police Housing Board – 2017



## Personal Information

- Name : Maruthamuthu .P
- Date of Birth : 10-5-1997
- Languages Known : Tamil, English
- Hobbies : Reading Tamil Novels , Writing Tamil Poetry

## Declaration

I hereby declare that all details mentioned above are true to the best of my knowledge.

**Date :**

**Place : Dindigul**

**P.MARUTHAMUTHU**