

SOWMYA.S

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PERUMAL KOIL STREET KOTTUR
CHENNAI-85

Civil Engineering graduate and scholarship holder from Amrita University with proven technical and leadership skills seeking opportunities suitable for my skills and simultaneously contributing to my career growth

WORK EXPERIENCE

Architectural Journalist (Intern) at Rethinking The Future | Architecture and design journal | Present

Research writing of articles in the field of architecture and construction

Project Assistant at CSIR-SERC | Steel Structures Laboratory | Feb 2018 - Jan 2020

Analysis and design of steel structures using STAADPro

Executive Trainee at Fives Cail KCP limited | Civil Design-Energy Division | Aug 2017 – Feb2018

Receiving and checking of civil drawings received from engineering consultants

Intern at Larsen & Turbo | Chennai Metro Rail Limited | 1st June 2015–26th June 2015

Actively participated in the site work, studied field and lab tests and prepared detailed reports

Studied theories involved and interacted with experienced site engineers

Intern at CSIR-Madras Complex | National Metallurgy Laboratory | 6th June 2016–26th June 2016

Casted and conducted lab tests on geo polymer concrete using fly ash- sustainable alternative to cement

Interacted with researchers from CSIR-NML unit working on sustainable cement alternatives

EDUCATION

Name of institution	Marks secured
Amrita School of Engineering, Coimbatore	CGPA: 8.34 (First Class with Distinction)
Sri Sankara Senior Secondary School, Adyar, Chennai	CBSE 12 th Board: 92.2%
Sri Sankara Senior Secondary School, Adyar, Chennai	CBSE 10 th Board: 92%

ACHIEVEMENTS

Was placed in **First Class with Distinction** on graduation from Amrita University

Academic scholarship holder under AMRITAVIDYANIDHI scheme 2013 on admission and renewed for **4 years**

1st position in the young minds and innovation awards in “BioAsia2012: The Global Business Forum” for work on the topic ‘fuel from paper waste- an eco-friendly alternative to gasoline’

Participated in national and international conferences, tech fests and cultural fests

Active member in public speaking, group discussions, national and city level drawing competitions and won many prizes

PROJECT

“Performance evaluation of nature fibre cell reinforced soil bed in comparison with HPDE geocell reinforced soil bed”.

Bachelor’s Thesis work on developing an eco-friendly alternative to commercially available soil reinforcement techniques.

PUBLICATIONS

Experimental investigations and numerical modelling on performance of natural geocells

11th International Conference on Geosynthetics, Seol, Korea September 16-21, 2018, (manuscript under review)

Performance evaluation of Coir geocells in comparison to HDPE geocells

Geotextiles and Geomembranes (manuscript under review)

Suitability of Jute and Sisal geocells as an alternative to HDPE geocells

Geosynthetics International (manuscript under review)

FEATURED

<https://www.re-thinkingthefuture.com/know-your-architects/a841-adolf-loos-15-iconic-projects/>

<https://www.re-thinkingthefuture.com/fresh-perspectives/a1051-types-of-professors-in-architecture-college/>

<https://www.re-thinkingthefuture.com/design-inspiration/a934-konark-sun-temple-ancient-indian-structural-marvel/>

SKILLS

AutoCAD, STAADPro, Microsoft Office, Photoshop, C, Primavera P6, MATLAB, Strength Of Materials, Construction Materials, event organization and planning, strong oral and written communication, interpersonal networking

AREAS OF INTEREST

Technical Communication | Construction Management

LANGUAGES

English	Hindi	Sanskrit	Tamil	Malayalam
Full professional proficiency	Limited working proficiency	Limited working proficiency	Native or bilingual proficiency	Native or bilingual proficiency

HOBBIES

Yoga | Illustration | Public speaking

DECLARATION

I hereby declare that all the above information is true to the best of my knowledge.