Sreelakshmi. S

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| Career Objective |

* To work in a **challenging and dynamic environment** which fosters **innovation and creativity** thus help firm to achieve its goals
* To become a successful and established professional in the field of Civil Engineering and contribute in **research and development** of infrastructure in the country by incorporating **newer technology practices**

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| Academic Summary |

* Presently **Research scholar** at **Indian Institute of Technology, Madras**
* **1st rank holder** in M.Tech in Construction Engineering and Management from **SRM University** with a **CGPA of 9.51** and was awarded ‘**First class with Distinction’**
* B.Tech in Civil Engineering from Mahatma Gandhi University with a **CGPA of 8.18** and was awarded ‘**First class with Honours’**
* Schooling from Kendriya Vidyalaya, passed out XIIth with a percentage of 85.4 and Xth with a percentage of 92.4

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| Areas of interest |

* IT Applications in Construction
* Organizational theory
* Infrastructure planning and management
* Construction planning, scheduling and control

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| IT Skills |

* Revit architecture
* Navisworks
* MS Project
* Primavera
* AutoCAD
* Arc GIS
* MatLab

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| Industry Connect |

* Internship with the **Digital Engineering** team of **L&T ECC**. Study involved a close observation of **BIM implementation** in their projects
* Study on the Nagpur Metro project by the Maha metro
* Helped **Bentley** and **Trimble solutions** to set up different digital tools for Construction Software lab
* In Plant Training at **Cochin International Airport Limited (CIAL)** during the construction of the new international terminal. Introduced **MS Project in progress monitoring**
* Internship at **KITCO** on the best practices followed in the construction of bridges
* Training at the concrete products division of **Sobha Developers Ltd** on pavement blocks, kerb stones and GFRC products

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| Teaching Assistant responsibilities |

* TA for Construction Software Lab
* TA for HoD on digitalization of data for Civil Engineering Dept
* TA for Construction contracts and specifications

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| Academic Projects |

* Study on **intensity of saltwater intrusion in the shallow aquifers** of Cochin Corporation as an input for determining the scope of installation of salt water treatment plant
* Automation of resource management in construction projects using **Building Information modelling (BIM)** to enable the stakeholders to **track and optimise the usage of resources**

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| Publications |

* Paper on ‘A study on the Barriers to the Implementation of Building Information Modelling’ got published in International Journal of Civil Engineering and Technology (IJCIET)
* Co-authored a paper titled ‘Performance Measurement of Residential Projects in India: A Balanced Scorecard Approach’, which got published in International Journal of Civil Engineering and Technology (IJCIET)

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| Academic Achievements |

* Paper on “Digital technology in Construction industry- An exploratory study”, was presented at the Fifth PMI India Research & Academic Conference (PMIRAC) 2019 held from 28th February - 2nd March 2019 at IIM K.
* Paper on ‘Barriers to the Implementation of BIM in India’ was presented at Sastra University in International Conference in Civil Engineering & Infrastructural issues in Emerging Economies’17
* Paper on ‘4D Automation in Construction Management using BIM’ was presented in International Conference on Emerging Trends in Engineering And Research ICETER’16 held at Vels University, Pallavaram
* Was subject topper in Sanskrit in AISSE 2008

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| Extra-curricular Achievements |

LEADERSHIP

* **Additional secretary** for **PG Interdisciplinary Student Association**, Civil Department, SRM University
* **Student secretary** for **ICI student chapter**, SCMS School of Engineering and Technology

CREATIVITY

* Adjudged ‘**Voice of Vipanchika’** for the intra college fest
* Won prizes for **Drawing and painting** conducted by Forests and Wildlife Department, **Govt of Kerala** and Fellowship of Reconciliation India **(FORI**)
* Was awarded certificate of merit by **Power house International spelling bee** based on Cambridge learner’s dictionaries published by **Cambridge University Press**
* Bagged prize for **Essay writing** in intra college fest and also won the ‘Hazari Prasad Dwivedi Samman’ in the **first international essay competition**

COMMUNICATION

* Was selected to represent the school for an **interactive session** with former president **Dr. A P J Abdul Kalam**
* Was adjudged 1st in quiz competition conducted by ICI Cochin Chapter
* **Represented school** in Jawaharlal Nehru **science exhibition** and my exhibit was awarded ‘the best exhibit’ at the cluster level and selected to the regional level
* Was adjudged **the best speaker**, for the motion in Debate, conducted in connection with science day celebrations

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| Personal data |

Date of birth: 11-06-1992

Languages known: English, Hindi, Malayalam, Sanskrit

Permanent address: ‘Sreevihar’ 58/1157

Panampilly Nagar,

Kochi,Kerala-682036