

RESUME

SIVA. M

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OBJECTIVE:

To be effective & efficient in the areas of work assigned to me and to grow with the corporate to achieve maximum result.

SOFTWARE PROFICIENCY:

- AutoCAD 2010
- STAAD-Pro V8i
- ETABS
- ArchiCAD 9.0
- Design Expert
- CuFSM

AREA OF INTEREST:

- Structural Design
- Concrete and Construction Technology

ACADEMIC PROFILE:

Name of Course	Name of School	Year of Passing	Aggregate
Ph.D.	Indian Institute of Technology, Chennai	2017	9.4 CGPA (coursework)
M.E.(Structural Engg.)	B.S.A Crescent Engg. College (Anna University)	2009	85%
B.E.(Civil Engg.)	St.Peter's Engg. College (Anna University)	2006	75.35%
X	Maraimalai Adhigal Govt. Hr. Sec. School	2000	89.60%
XII	Maraimalai Adhigal Govt. Hr. Sec. School	2002	87.00%

B.E THESIS:

Project Title : Hydraulic and Structural Design of conservation structure
Guidance : Public Works Department Thiruvallur.
About the Project : This project is design of Check Dam in which hydraulic and structural designs were done.

M.E THESIS:

Project Title : Studies on Performance of Polymer Fiber Reinforced Concrete Composites
Guidance : Structural Engineering Research Center (SERC), Chennai

Ph.D.:

Project Title : Development of synthetic and natural foaming agents and studying their performance in concrete
Joined Period : January 2011
Guidance : Prof. K. Ramamurthy, Dept of Civil Engg, IIT Madras
Prof. R. Dhamodharan, Dept of Chemistry, IIT Madras

EXPERIENCE:

- 1) **Designation** : Rebar Detailer
Organisation : RGS-CAD Engg pvt Ltd., Chennai.
Duration : 6 months (2006)
- 2) **Designation** : Assistant professor
Organisation : Aalim Muhammed Salegh College of Engineering, Chennai.
Duration : 1 year 6 months (2009-2010)
- 3) Also worked as Part time faculty in Anna University and in MGR University.
- 4) **Designation** : Assistant Professor
Organisation : RMK Engineering College, Kavaraipettai
Duration : 1 year (2017-2018)
- 5) **Designation** : Assistant Professor
Organisation : Hindustan Institute of Technology and Science, Chennai
Duration : 1 year 9 months (2018-2020)

ACADEMIC POSITIONS HELD

- Department Research Coordinator
- Department Class Teacher
- Department Coordinator for Entrepreneur cell
- Building Science Journal Coordinator

SUBJECTS HANDLED:

- Concrete Technology
- Foundation Engineering
- Engineering and Design
- Sustainable Engineering Systems
- Design of Concrete Structures

Publications:

- Siva, M., Ramamurthy, K., and Dhamodharan, R. (2015). "Sodium salt admixtures for enhancing the foaming characteristics of sodium lauryl sulphate." *Cement and Concrete Composites*, 57, 133
- Siva, M., Ramamurthy, K., and Dhamodharan, R. (2017). "Development of a green foaming agent and its performance evaluation." *Cement and Concrete Composites*, 80, 245-257
- Siva, M. (2018). "A Computational Approach of Prestressed Concrete Bridge Deck Slab Analysis for various IRC Classes of loadings using Pigeaud Charts." *SSRG International Journal of Civil Engineering (SSRG - IJCE)*, V5(1), 25-28 January 2018
- Siva, M. (2018). "Hybrid Polymer Fiber Reinforced Engineered Cementitious Composites Under Flexural and Shear Loading." *International Journal of Applied Engineering Research*, V13 (5), 2663-2668
- Siva, M. (2019). "Development of Modified Recycled Aggregate for the Production of Sustainable Concrete". *International Journal of Recent Technology and Engineering (IJRTE)*, V8 (3), 8614-8618.
- Siva, M. (2020). "Ductility Enhancement of Reinforced Concrete beam using ECC Materials today proceedings, Elsevier publication (Accepted for publication)
- Siva, M. (2020). "Performance Evaluation of Synthetic and Natural Foaming Agents in Concrete Mixes with Fly Ash". (under review)

Reviewer of Journals:

- Journal of The Institution of Engineers - series A (Springer)
- Current Science Journal (Scopus index)

Workshops & Seminars:

- Conducted workshop on “Design of Cold formed Steel – an overview” in Hindustan Institute of Technology and Science on 2019
- Conducted workshop on “Design of High rise Steel- composite structures” in Hindustan Institute of Technology and Science on 2019
- Conducted seminars and guest lectures on various technical topics in the field of Civil Engineering

PERSONAL PROFILE:

Name : SIVA MANOGARAN
Father’s Name : S.MANOGARAN
Date of Birth : 18-08-1984
Sex : Male
Nationality : Indian
Languages Known : English, Tamil
(To read, write and speak)
Current Location : Chennai

EXTRA CURRICULAR ACTIVITIES:

- National Service Scheme activities
- Athletics, Carrom

DECLARATION:

I do hereby confirm that the information given above is true to the best of my knowledge and belief.

Place:

Date:

(SIVA.M)