



*{Currently doing PhD (Full Time)
in IIT Madras}*

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Personal Information

Father :Dr. Jose Paul Thaliyath
Husband: Mr. Vinod Alex Kadavan
Date of Birth : 19-09-1977
Gender : Female
Nationality : Indian
Marital Status : Married
Children : 2 sons
Languages : English
Malayalam
Tamil
Hindi

Objective

To obtain a challenging work environment, which would provide me learning and Professional growth, at the same time help me in contributing meaningfully to the growth of the organization

Areas of Interest

- Concrete Technology
- Building Materials
- Sustainability
- Fibre Reinforced Concrete

Academic Background

Course	Institution	Board/ University	Year	Marks
PhD(FT)	IIT Madras	IIT	Ongoing	9.5 CGPA (Course work)
M.E(FT) (Constn. Engg & Mgmt)	College of Engineering Guindy, Anna University, Chennai	Anna University	2012	9.9 CGPA Gold Medalist
B.Tech(FT) (Civil)	NIT, Calicut	Anna University	1999	70% Proficiency award winner
Pre-Degree	St.Mary's College, Trichur	Calicut University	1995	95% (PCM)
SSLC	Holy Family Convent	Kerala State Board	1993	91.5%

Project Details

- B.Tech Project “ **Functional Planning and Structural Design of a Multiplex**”
- M.Tech Project “**Life cycle cost Analysis of a Green Construction Project: A Comparison with Conventional Construction Project**”
- PhD Topic “**The study of Long Term Performance of Fibre reinforced project**”

Publications

- “**Life Cycle Cost Analysis of Green Construction: A comparison with Convention**”, *NICMAR Journal of Construction Management*, March 2012.
- “**Study of The Post-Cracking Behaviour of Steel and Polymer Fibre Reinforced Concretes**”, *2nd R N Raikar International Conference and Banthia-Basheer International Symposium (ACI)*, Dec 2015.
- “**Factors Influencing Creep of Cracked Fibre Reinforced Concrete: What we think we know & What we do not know**”, *FRC Creep 2016; RILEM TC 261 CCF*, March 2016.
- “**On the Toughness Characterization of Fibre Reinforced Concrete using Notched Beam Tests**”, *SEC 2016*, Dec 2016.
- “**Comparison of Flexural Toughness Parameters from Notched and Unnotched Beam Tests for Fibre Reinforced Concrete**” *ICACMS 2017, Rilem Week 3-8 Sep 2017*.
- “**Assessment of The Toughness of Fibre Reinforced Concrete Using The R-Curve Approach**”, *Sadhana (Accepted)*.
- “**Flexural toughness characterization of steel, polymer and glass fibre reinforced concrete based on the notched beam test: Part 1. Test setup, methodology and estimation of toughness parameters**”, *ICJ (Submitted)*.
- “**Flexural toughness characterization of steel, polymer and glass fibre reinforced concrete based on the notched beam test: Part 2-Relationship between toughness parameters, Rigid body model analysis and fib Model Code 2010 classification**”, *ICJ (Submitted)*.
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Significant experiences

- Designed a unique laboratory testing facility of characterizing creep of FRC
- Participated in Rilem TC Round Robin Test programme for measuring flexural creep of cracked FRC
- Member of the ICI Technical Committee for drafting a guideline “Test Method for the Flexural strength and Toughness parameters of FRC-A Recommendation of ICI Technical Committee FRC (2012) (Published considered for standardization).
- 5 Years’ experience of Teaching Assistance done in courses Concrete Technology, Modern Construction Materials, Concrete LABs in B.Tech and M.Tech and NPTEL.
- Involved in FRC characterization and design consultancy projects in IIT Madras
- Gold Medalist for ME from Anna University
- Underwent internship for a period of four weeks on June 2011 at L&T

- Certified Online Tutor (Math/Physics/Chemistry) Till College Grade and certified SAT trainer and Worked as an Online Tutor with Tutor Vista for 4 years (2006-2010)
- Worked as a lecturer in Polytechnic in Trichur for 6 months (1999-2000)

Declaration

I **(SUJATHA JOSE)** hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: xxxxx

Place: Chennai

(SUJATHA JOSE)