

CURRICULUM VITAE

KEERTHI V T

Doctoral Research Scholar

Building Technology & Construction Management (BTCM) Division

Department of Civil Engineering

Indian Institute of Technology Madras, Chennai – 60036, india

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OBJECTIVE

To obtain a challenging position where my education will have valuable application, and which will enable me to improve my skills and provide an opportunity for continuous learning.

EDUCATION

- **Ph.D in Civil Engineering (Building Materials)** April 2021 - Present
Indian Institute of Technology Madras, Chennai, India
Area of research: “Electrochemical modelling for non-destructive testing of cathodic protection systems in reinforced concrete structures.”
 - **M.Tech in Structural Engineering** August 2020
National Institute of Technology Karnataka, Surathkal
Project title: “Strengthening of Reinforced Concrete Rectangular beam by using Glass Fiber Reinforced Polymer sheets.”
First Class with Distinction, CGPA-9.49
 - **B.Tech in Civil Engineering** July 2017
Government College of Engineering Kannur – Affiliated to Kannur University
Project title: “Evaluation of durability and strength properties of soil using Biopolymers.”
First Class with an aggregate of 75.48%.
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FIELD OF INTEREST

- Corrosion in RCC structures
 - Repair and rehabilitation of concrete structures
 - Corrosion assessment techniques
 - Electrochemical modelling of cathodic protection systems
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ACADEMICS

COURSE	NAME OF THE INSTITUTION	% OF MARKS
M.TECH (STRUCTURAL ENGG)	National Institute of Technology Karnataka, Surathkal	94.9 (First Class with Distinction)
B.E (CIVIL)	Government College of Engineering Kannur	75.48 (First Class)
CLASS 12	Durga Higher Secondary School, Kanhangad	91.3
CLASS 10	MPSGVHSS Bellikoth, Kanhangad	95

INDUSTRIAL VISITS AND TRAINING

Summer Internship Programme

June 2019

- At STUP Consultants Pvt. Ltd
- Period: 15.05.2019 to 28.06.2019
- Project title: “Analysis, Design and detailing of Hostel building”.

Industrial Training

April 2016

- At Uralungal Labour Contract Co-operative Society Ltd., Kozhikode
- Period: 20.04.2016 to 25.04.2016
- Analyzed the design of M.DIT polytechnic college, GHSS Karaparamba and cross-sectional design of pavement at Puthiyangadi.

Industrial Visits

- Cheruthoni & Idukki Arch Dam
- Kannur International Airport
- Malabar cements in Kanjikode

TECHNICAL SKILLS

- AutoCAD, MS office, STAAD. Pro, MATLAB, ETABS, ANSYS Mechanical APDL
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CO-CURRICULAR

- Volunteer for one week Faculty Development Program on Fiber Reinforced Concrete and its Applications organized by Department of Civil Engineering, NITK.
 - Student member of the Indian Concrete Institute (ICI) for the year 2014-2017 under ICI GCEK students chapter
 - Created working model of 'PANAMA CANAL' in 'YUKTI- 2016' Tech fest
 - Secured A Grade in Atlas making competition in state social science fair
 - Certificate of Mean cum Merit Scholarship
 - Passed Graduate Aptitude Test with a score of 677 out of 1000 in 2018
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EXTRA CURRICULAR

- Participated in 'YUKTI-2016' in the event group dance.
 - Secured First prize in Wildlife week celebration-2011 drawing competition
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WORK EXPERIENCE

- **Graduate Teaching Assistant** Present
 - CE2330 – Civil Engineering Materials and Construction
 - **Project Associate at IIT Madras, Chennai (September 2020 to March 2021)**
 - Estimation of chloride threshold for prestressing steels, QST bars embedded in OPC, Fly ash and LC3.
 - Corrosion monitoring of ASTM G109 and lollipop specimens using accelerated corrosion test
 - Screening tests for corrosion inhibiting admixtures
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REFERENCE

- **Dr. Radhakrishna G Pillai**
Associate Professor at Dept. of Civil Eng.,
Indian Institute of Technology Madras
Chennai, India
Email Id: pillai@iitm.ac.in
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PERSONAL DETAILS

Age & Date of Birth : 25 & 22/09/1995
Gender : Female
Father's name : Gopinathan V T
Languages known : English, Malayalam, Hindi
Marital status : Unmarried

DECLARATION

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

Place: Kanhangad

Date: 24/05/2021



Keerthi V T