

CURRICULUM VITAE

Ms.M.Thanmanaselvi
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Department of Civil Engineering
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➤ **Research Area:**

- Construction Materials and Concrete Technology

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D (Pursuing)	Anna University	2023		
M.E (Structural Engineering)	College of Engineering Guindy, Chennai / Anna University	2007	7.071 CGPA	First class
B.E (Civil Engineering)	Bharath Institute of Science and Technology, Chennai / Madras University	2004	73.16%	First class

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College of Engineering BIT Campus, Trichy	Assistant Professor	07.07.2023	Till date	2 Months
University College of Engineering, Tindivanam	Assistant Professor	11.08.2014	07.07.2023	8 Years 11 Months
University College of Engineering, Nagercoil	Assistant Professor	18.08.2010	10.08.2014	3 Years 11 Months
Sona College of Technology, Salem	Lecturer	25.06.2007	17.08.2010	3 Years 2 Months

➤ **Awards / Honours Received:**

1. Awarded for producing Rank holders at Sona College of Technology, Salem.
2. Awarded for producing 100% and more than 95% pass percentage in the subjects handled at Sona College of Technology, Salem.

➤ **Additional / Academic Responsibilities at College:**

- **“Estate Officer”** at University College of Engineering, Tindivanam from May 2015 to June 2023.
- **“Member of POSH Cell”** at University College of Engineering, Tindivanam from April 2022 to June 2023.
- **“Member of Equal Opportunity Cell”** at University College of Engineering, Tindivanam from April 2022 to June 2023.
- **“Coordinator for Civil Engineering Association”** at University College of Engineering, Nagercoil from June 2012 to December 2013.
- **“Placement Liaison Officer”** for the Department of Civil Engineering, University College of Engineering, Nagercoil June 2012 to August 2014.

➤ **Membership of Scientific and Professional Societies:**

1. The Indian Society For Technical Education (ISTE)
2. The Institution of Engineers India (IEI)

➤ **Fellowships and Grants received:**

- Summer Faculty Research Fellow (SFRF) at IIT Delhi from 21.05.2012 to 13.07.2012

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: 2 Nos.
- b. Number of UG Project Completed: 25 batches

➤ **Publications:**

a. Book chapters:

- **“Basic Civil and Mechanical Engineering”**, published by Sonaversity, Salem, 2009.

b. International Journals:

- M.Thanmanaselvi, V.Ramasamy, “Assessment of Durability Characteristics of Concrete with Nanosilica and Carbon Nanotubes”, Journal of Environmental Protection and Ecology, Vol. 24, Issue 4, 2023, Pg. 1270 – 1281, ISSN 1311-5065.
- M.Thanamanselvi, A.J.Sunija, “Property Evaluation of Biopolyurethane Modified Concrete”, International Journal of Research in Engineering, Science and Technologies, Vol. 2, Issue 2, April 2016, Pg. 95 to 99, ISSN 2395-6453.

c. International Journals – Conference Proceedings:

- M.Thanmanaselvi, V.Ramasamy, “A Study on Durability Characteristics of Nan—Concrete”, Materials Today: Proceedings, June 2021.
- M.Thanmanaselvi, V.Ramasamy, “Assessment of Mechanical Properties of Nano Modified Concrete”, AIP Conference Proceedings, October 2021.

➤ **List of Programmes organized:**

- **“International Day of Yoga Celebration”**, University College of Engineering, Nagercoil, June 2023.
- **“International Women’s Day Celebration”**, University College of Engineering, Nagercoil, March 2023.
- **“Self Realization Program with Music & Meditation - YOGDHARA”**, University College of Engineering, Nagercoil, March 2023.
- **“Awareness Program on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013”**, University College of Engineering, Nagercoil, November 2022.
- One day, **“POSH Cell awareness programme”**, University College of Engineering, Nagercoil, October 2022.

- One day workshop, **“Modern Trends in Civil Engineering”**, Department of Civil Engineering, University College of Engineering, Nagercoil, March 2013.
- One day, **“National Level Technical Symposium, ACTOCE’13”**, Department of Civil Engineering, University College of Engineering, Nagercoil, February 2013.
- One day, **“Civil Engineering Association – TEKTON’S”**, Department of Civil Engineering, University College of Engineering, Nagercoil, September 2012.

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- **List of Seminar:**

- One day National Seminar, **“Alternatives for River Sand in Construction”**, ICI Salem Center and Sona College of Technology, Salem, 27th February 2018.
- One day Seminar, **“Blooms Taxonomy”**, Sona School of Management, Salem, 13th July 2009.
- One day National Seminar, **“Ecofriendly Engineered Concrete”**, Department of Civil Engineering, Kongu Engineering College, Erode, 29 – 30th August 2008.

- **List of Short Term Course:**

- Short term Course, **“Seismic Vulnerability Assessment and Retrofitting of Existing Structures”**, Department of Civil Engineering, IIT, Delhi, 21 – 25 August 2017.
- Short term Course, **“Recent Advances in the Design and Construction of Sustainable Pavements”**, Department of Civil Engineering, Pondicherry Engineering College, Pudhucherry, 2 – 7 December 2013.
- Short term Course, **“Finite Element Analysis of Structures with MATLAB and ABAQUS Based Simulation”**, Department of Civil Engineering, IIT, Delhi, 23 – 27 July 2012.
- Short term Course, **“Geographic Information System”**, National Institute of Technical Teachers Training and Research, Chennai, 3 – 7 September 2007.

- **List of FDP:**

- Two week FDP (online), “**ICT Based New Paradigms of E-Teaching and E-Learning : Digital Pedagogy**”, Department of Computer Science, Mata Sundri College for Women, University of Delhi and Ramanujan College, Delhi, 15 – 30 September 2020.
- Two week FDP, “**Design of Steel Structures**”, Department of Civil Engineering, Government Engineering College, Salem, 12 – 25 November 2019.
- Three week FDP, “**Environmental Pedagogy**”, Department of Civil Engineering, Annamalai University, Chidambaram, 11th June 2018 – 1st July 2018.
- Two week FDP, “**Research and Statistical Analysis**”, Department of Media Sciences, College of Engineering Guindy, Anna University, Chennai, 30th April 2018 – 14th May 2018.
- Two week FDP, “**Application of Finite Element Analysis**”, Department of Mechanical Engineering, Alagappa Chettiyar Government Engineering College, Karaikudi, 12 – 25 February 2018.
- One week FDP (online), “**Inculcating Universal Human Values in Technical Education**”, AICTE, Delhi, 14 – 18th March 2022.
- One week FDP, “**Advanced Software Application in Civil Engineering**”, Department of Civil Engineering, Anna University, BIT Campus, Tiruchirapalli, 12 – 18 December 2013.
- One week FDP, “**Design of Steel Structures**”, College of Engineering Guindy, Structural Engineering Division, Anna University, Chennai, 28th November – 4th December 2011 .
- One week FDP, “**Design of RC Elements**”, College of Engineering Guindy, Structural Engineering Division, Anna University, Chennai, 20 – 26 June 2011.

- **List of Workshop:**

- One day National Workshop, “**Engineering Application of Nanoscience and Nanotechnology**”, Department of Civil Engineering, St.Peters College of Engineering and Technology, Chennai, 27th September 2018.
- One day National Workshop, “**Innovations in Civil Engineering**”, Department of Civil Engineering, University College of Engineering, Nagercoil, 19th September 2014.

- Two days Workshop, **“Construction on Bamboo Houses”**, Building Technology Center, Division of Structural Engineering, College of Engineering Guindy, Anna University, Chennai, 19 – 20th March 2012.
- One day Workshop, **“New Construction Materials and Methodologies Today”**, Department of Civil Engineering (Structures), Government College of Technology, Coimbatore, 5th August 2009.
- One day Workshop, **“Opportunities for Steel Structures in India – Present and Future”**, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai, 29th December 2008.
- Two days Workshop, **“Computer Aided Design of RC Structures for Seismic Loading”**, Structural Engineering Division, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai, 25 – 26th April 2008.
- One day Workshop, **“DACS - Durability Aspects of Concrete Structures”**, Department of Civil Engineering, VLB Janakiammal College of Engineering and Technology, Coimbatore, 10th October 2007.
- Two days Workshop, **“Steel - Concrete Composite Structures”**, Structural Engineering Division, College of Engineering Guindy, Anna University, Chennai, 8 – 9th February 2007.
- **List of Industrial Training:**
- Two weeks Industrial Training Programme, **“Vellar Basin Division”**, Water Resource Department, Virudachalam, June 2022.
- Two weeks Industrial Training Programme (online), **“Plastic Testing and Quality Control”**, CIPET, Madurai, September 2021.
- Three weeks Industrial Training Programme (online), **“Telecom Tower Construction”**, RGMTCC, BSNL Office, Trichy, May 2020.
- Two days, **“ANSYS Training Programme”**, Ramanujam Computing Centre, Anna University, Chennai, September 2015.
- One week Training Programme, **“High Impact Teaching Skills - Mission 10X”**, Dale Carnegie & Associates, Inc. Trainer and Wipro Technologies, Sona College of Technology, Salem, September 2009.
- One week Training Programme, **“Pedagogy Training Programme”**, Sona College of Technology, Salem, June 2007.

➤ **International Conferences Participated:**

- “Assessment of Mechanical Properties of Nano Modified Concrete”, ICAMBC – 2021, Mattest Research Academy, Chennai, Tamil Nadu, April 2021.
- “Evaluation of Concrete Properties using Manufactured Sand and with Nanomaterials”, ICRAMC – 2021, SRM Institute of Science and Technology, Kattangulathur, Tamil Nadu, February 2021.
- “Characteristics of Biopolyurethane Modified Concrete”, NISDCE – 2020, Department of Civil Engineering, Vel Tech Rangarajan Dr Sagunthala Institute of Science and Technology, Chennai, Tamil Nadu, June 2020.
- “Experimental Investigation of Mechanical Properties on Concrete with Nanomaterials using Manufactured Sand”, ICEMAP – 2019, Department of Civil Engineering, Tagore Engineering College, Chennai, Tamil Nadu, March 2019.
- “Durability Characteristics of High Performance Concrete using Silica Fume, Fly Ash & Ground Granulated Blast Furnace Slag”, IBMSDCP – 2008, Department of Civil Engineering, Bannari Amman Institute of Technology, Satyamangalam, May 2008.

➤ **National Conferences Participated:**

- “Property Evaluation of Biopolyurethane Modified Concrete”, SMART - 2016, Dr.Paul’s Engineering College, Villupuram District, Tamil Nadu, March 2016.
- “Study on Durability Characteristics of High Performance Concrete using Fly Ash and Silica Fume”, National Conference - 2008, KSR College of Engineering, Thiruchengode, Tamil Nadu, December 2008.
- “Durability Characteristics of High Performance Concrete”, National Conference on Recent Advances in Steel and Concrete for Construction - 2008, St. Peter’s Engineering College, Chennai, Tamil Nadu, January 2008.
- “Study on Durability Characteristics of High Performance Concrete”, National Conference on Frontline Areas of Civil Engineering - 2007, Department of Civil Engineering, VLB Janakiammal College of Engineering and Technology, Coimbatore, Tamil Nadu, April 2007.

➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor ...etc)

(B) Guest lectures delivered:

- **“Structural Analysis – II”**, Department of Civil Engineering, CK College of Engineering and Technology, Cuddalore, April 2022.
- **“Non-destructive Testing Methods”**, AICTE Short Term Training Programme, Thiagarajar Polytechnic College, Salem, September 2021.
- **“Design and Analysis of Building Components”**, National Level Technical Workshop & Seminar, Department of Civil Engineering, University College of Engineering, Panruti, February 2020.