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Dr.N.GURUMOORTHY, B.E., M.E., Ph.D., MISTE, MIE,

PROFESSIONAL OBJECTIVE:

To work in an environment that will continuously upgrade my knowledge and help me in contributing towards the goals of the organization.

ACADEMICS:

2012 -2018	Doctor of Philosophy in Civil Engineering at Anna University - Chennai. Thesis Title: Study on Strength and Durability Characteristics of Concrete Containing Treated Used Foundry Sand
2008-2010	Master of Engineering in Structural Engineering at Thiagarajar College of Engineering, Madurai. Anna University - Chennai. Aggregate of Marks: 8.05 CGPA (1st class with Distinction)
2003-2007	Bachelor of Engineering in Civil Engineering at P.S.N.A. College of Engineering & Technology, Dindigul. Anna University - Chennai. Aggregate of Marks: 74.4%
2002-2003	H.S.C. at M.S.P Solai Nadar Memorial Higher Sec. School, Dindigul / State Board Aggregate of Marks: 83.8%
2000-2001	S.S.L.C. at M.S.P Solai Nadar Memorial Higher Sec. School, Dindigul / State Board Aggregate of Marks: 87.4%

EXPERIENCE INVOLVED:

Organization	Industry / Teaching	Designation	Work Nature	Experience	
				Years	Months
PSNA College of Engineering & Technology, Dindigul.	Teaching	Associate Professor (February 2021 to Till)	Classes taken for B.E. - Civil Engineering & M.E. - Structural Engineering	3	9
PSNA College of Engineering & Technology, Dindigul.	Teaching	Assistant Professor (June 2011 to January 2021)	Classes taken for B.E. - Civil Engineering & M.E. - Structural Engineering	9	8
Sethu Institute of Technology, Virudhunagar	Teaching	Assistant Professor (July 2010 to May 2011)	Classes taken for B.E. - Civil Engineering	--	10
Total Teaching Experience				14	3

JOURNAL PUBLICATIONS: (Articles in Journals)

1. V Razan Alzein, Rajesh Kumar K, Vinod Kumar M, Gurumoorthy N, Muthukannan M, (2024) "**Recent trends in Fiber reinforced Composites**", Materials, Analysis, and Advanced Manufacturing AIP Conf. Proc. 3192, 020009-1-020009-11; <https://doi.org/10.1063/5.0241817>
2. V Razan Alzein, Rajesh Kumar K, Vinod Kumar M, Gurumoorthy N, Muthukannan M, (2024) "**State-of-Art-Review of Current Trends in Composite Slabs**", Materials, Analysis, and Advanced Manufacturing, AIP Conf. Proc. 3192, 020008-1-020008-8; <https://doi.org/10.1063/5.0241815>
3. Vinod Kumar M, Rajesh Kumar K, Gurumoorthy N, Muthukannan M (2024), "**State of Art on Implementation of Different Types of Fine Aggregates for Clean and Sustainable Environment**", Materials, Analysis, and Advanced Manufacturing AIP Conf. Proc. 3192, 020007-1-020007-10; <https://doi.org/10.1063/5.0241899> .
4. N.Gurumoorthy, K. RajeshKumar, M Vinod Kumar, K Hariharan Kannan (2023), "**Corrosion resistance behaviour of concrete containing treated used foundry sand**", European Journal of Environmental and Civil Engineering, <https://doi.org/10.1080/19648189.2022.2099982>, Vol.27,issue.-4pp.1813-1828

5. M Vinod Kumar, Razan Alzein, A. Chithambar Ganesh, K. RajeshKumar, **N.Gurumoorthy**, Adeyemi Adesina (2022), “**Analytical investigation of the influence of various void shape and spacing on the load-bearing behavior of concrete hollow core slabs**”, Journal of Building Pathology and Rehabilitation, ISSN No: 1533-9211, vol.7(4), pp. 1401-1410.
6. K. RajeshKumar, P. O. Awoyera, G. Shyamala , M Vinod Kumar, **N.Gurumoorthy**, S. Kayikci, L. M. Bendezu´ Romero & A. Krishna Prakash (2021), “**Structural Performance of Biaxial Geogrid Reinforced Concrete Slab**”, International Journal of Civil Engineering, ISSN No: 1533-9211, vol.20,pp. 349-359.
7. M Vinod Kumar, SJeamalai Raj , K Rajesh Kumar, **N Gurumoorthy** & A Chithambar Ganesh (2021)“ Flexural and shear performance of HFRC beams”, Materials Today:Proceedings.
8. **N.Gurumoorthy**, K Rajesh Kumar, S.Sivakumar, M Vinod Kumar, R Vandhiyan, & P Chandana, (2020) “Experimental Investigation on Conventional Rebar RC Column with Non-Conventional Prefabricated Cage System”, IOP Conf. Series: Materials Science and Engineering , Vol.981.
9. R Vandhiyan, K Rajesh Kumar, **N.Gurumoorthy**, M Vinod Kumar, T.J.Vijay & K.Mahender, (2020)“Microstructural Characterisation and Durability Enhancement of Concrete with Nano Silica”, IOP Conf. Series: Materials Science and Engineering , Vol.981.
10. S Sivakumar, K Rajesh Kumar, M Vinod Kumar, **N.Gurumoorthy**, R Vandhiyan, G Balaji Kumar & B Kameshwari,(2020) “Effect of plastic powder, silica fume and steel slag in concrete-An Experimental and Analytical Approach”, IOP Conf. Series: Materials Science and Engineering , Vol.981.
11. M Vinod Kumar, K Rajesh Kumar, S Sivakumar, , A Chithambar Ganesh, R Vandhiyan **N Gurumoorthy** & P Madhuriya, (2020)“Impact and Flexural Strength Prediction of Plain Concrete with Hybrid Fibres”, IOP Conf. Series: Materials Science and Engineering , Vol.981.
12. A Chithambar Ganesh, K Rajesh Kumar, M Vinod Kumar, R Vandhiyan, **N Gurumoorthy**, S Sivakumar & Vyshnavi, (2020)“Durability Studies on the Hybrid Fiber reinforced Geopolymer concrete made of M-sand under ambient curing”, IOP Conf. Series: Materials Science and Engineering , Vol.981.
13. K.Ramesh, R.Shanmugasundaram, & **N.Gurumoorthy**, (2020), “**Mechanical Properties of Rice Husk Ash Hybrid Fiber Reinforced Concrete**”, Journal of Seybold Report, ISSN No: 1533-9211, vol.15, no.9, pp. 1401-1410.
14. O.Vinothini, **N.Gurumoorthy**, & Y.M.Siddaramaiah (2020), “**Analytical Investigation on Behaviour of Concrete Beam Containing Used Foundry Sand and**

Bottom Ash", Journal of Seybold Report, ISSN No: 1533-9211, vol.15, no.9, pp. 1035-1040.

15. P.Mary Dayana, **N.Gurumoorthy**, & T.J.Vijay (2020), "**Effect of Different Bracing Systems in Reinforced Concrete Frames under Cyclic Loading**", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN No: 2278-3075, vol.9, no.7, pp. 704-708.
16. **N.Gurumoorthy** & K.Arunachalam (2019), "**Durability Studies on Concrete Containing Treated Used Foundry Sand**", Construction and Building Materials, ISSN No: 0950-0618, Vol .201, pp.651-661.
17. M.Mohan, **N.Gurumoorthy**, & A.Chandrasekar (2018), "**Effective utilization of sugarcane Bagasse ash and marble dust in Manufacturing of sustainable clay Bricks**", International Journal of Civil Engineering and Technology (IJCIET), ISSN No: 0976-6316, vol.9, no.11, pp. 974-980.
18. **N.Gurumoorthy** & C.Jaideep (2018), "**Influence of Used Foundry Sand and Ceramic Waste in Concrete**", International Journal of Engineering Research & Technology, ISSN 2278-0181, Vol. 7 No.5, pp.308-310.
19. **N.Gurumoorthy** & T.Manikandan (2016), "**Evaluation of Critical J-Integral and Critical Stress Intensity Factor for Foundry Sand Concrete**", International Journal of Earth Sciences and Engineering, ISSN No: 0974-5904, Vol.9, Special issue 1, pp.68-71.
20. S.Parthibavelan, **N.Gurumoorthy**, & V. Saraswathy (2016), "**Incorporation of industrial iron wastes as ingredients in making an energy efficient concrete**", International Journal Scientific Research, Vol. 05, No.6, pp.163-167, ISSN 2277-8179.
21. **N.Gurumoorthy** & K.Arunachalam (2016), "**Micro and mechanical behaviour of Treated Used Foundry Sand concrete**", Construction and Building Materials, ISSN No: 0950-0618, Vol .123, pp.184-190.
22. **N.Gurumoorthy** & C.Jaideep (2015), "**An experimental study on mechanical properties of Concrete using fly ash and glass particles**", Global Journal of Engineering Science and Researches, ISSN 2348 -8034, Vol. 2, Issue 3, pp.132-136.
23. **N.Gurumoorthy** (2014), "**Influence of Marble Dust as Partial Replacement of Cement in Concrete**", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 3, Issue 3, pp.740-743.
24. **N.Gurumoorthy** & C.Jaideep (2013), "**Performance Evaluation of Critical J-Integral (J_{1C}) with High Volume Flyash Concrete**", International Journal Engineering Trends and Technology, ISSN - 2231-538, Vol. 4, Issue 4, pp.815-820.

PAPER PUBLICATIONS IN CONFERENCE:

1. V Razan Alzein, Rajesh Kumar K, Vinod Kumar M, Gurumoorthy N, Muthukannan M, "**Recent trends in Fiber reinforced Composites**", in the 1st International Conference on Materials, Analysis & Advanced Manufacturing (MA'AM - 23), Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600062, 31st October - 1st November 2023
2. V Razan Alzein, Rajesh Kumar K, Vinod Kumar M, Gurumoorthy N, Muthukannan M, "**State-of-Art-Review of Current Trends in Composite Slabs**", in the 1st International Conference on Materials, Analysis & Advanced Manufacturing (MA'AM - 23), Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600062, 31st October - 1st November 2023
3. Vinod Kumar M, Rajesh Kumar K, Gurumoorthy N, Muthukannan M, "**State of Art on Implementation of Different Types of Fine Aggregates for Clean and Sustainable Environment**", in the 1st International Conference on Materials, Analysis & Advanced Manufacturing (MA'AM - 23), Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-600062, 31st October - 1st November 2023
4. P.Poornimadevi & N.Gurumoorthy, "**Influence of Coated Light Weight Expanded Clay Aggregate in Strength & Durability of the Light Weight Concrete**", in the **International Conference** on Emerging Trends in Engineering and Technology (ICETET' 24) organized by the Pandian Saraswathi Yadav Engineering College, Madurai, Tamilnadu, India held during 26- 37, April 2024.
5. N.Gurumoorthy, K.Rajesh Kumar & M.Vinod Kumar "**Micro and Mechanical Characteristics of Concrete Incorporating with Calcined Kaolin and Used Foundry Sand**", in the **International Conference** on Recent Advances in Materials and Manufacturing (ICRAMM 2023) organized by the Department of Mechanical Engineering, Velalar College of Engineering and Technology, Erode, Tamil Nadu, India held during 29 - 30, December 2023.
6. M.Vinod Kumar, K.Rajesh Kumar, Taha Abou Hamza & N.Gurumoorthy "**Structural Behavior of RC Flat Slabs with Various Structural Systems under Seismic Loading**", in the **International Conference** on Recent Advances in Materials and Manufacturing (ICRAMM 2023) organized by the Department of Mechanical Engineering, Velalar College of Engineering and Technology, Erode, Tamil Nadu, India held during 29 - 30, December 2023.

7. R.Karthikeyan & N.Gurumoorthy, "**Shear Crack Controlling on RC Beam by Providing Alternative Reinforcement Provision Technique**", in the **International Conference** on "Sustainable Materials and its Green Technologies for Industry 4.0"-SMiGT-2021 on 7th- 9th April 2021 at Adithya Institute of Technology , Coimbatore.
8. K. Devi Kamatchi & N.Gurumoorthy, "**Micro and Mechanical Characteristics of Concrete Incorporating With Calcined Kaolin and Used Foundry Sand**", in the **International Conference** on "Sustainable Materials and its Green Technologies for Industry 4.0"- SMiGT-2021 on 7th- 9th April 2021 at Adithya Institute of Technology , Coimbatore.
9. O.Vinothini & N.Gurumoorthy, "**Experimental and Analytical Investigation on Behaviour of Concrete Beam containing Used Foundry Sand and Bottom Ash**", in the **International Conference** on Advanced Science and Engineering Research -2020 (ASER-2020) on 28th March 2020 at AL-AMEEN Engineering College , Erode.
10. A.Mohamed abdul kader & N.Gurumoorthy, "**Study on strength and durability characteristics of concrete containing Bottam Ash and Used Foundry Sand**", in the **International Conference** on Recent Advances in Civil Engineering (ICRACE-2019) during 8-9 April 2019 at Karunya Institute of Technology and Sciences , Coimbatore.
11. P.Gokul, Joseph Vianny & N.Gurumoorthy, "**Experimental studies on Modified Asphalt Concrete by E-Waste and Coconut Shell**", in the **International Conference** on Sustainable Environment and Civil Engineering (ICSECE'19) during 28-29 March 2019 at Easwari Engineering College, Chennai.
12. K.Habeeb Rahman& N.Gurumoorthy, "**Experimental Investigation on Prefabricated Cage Reinforced Steel Concrete Composite Beam**", in the **International Conference** on Emerging Trends in Engineering and Technology (ICETET'18) during 9-10 March 2018 at Pandian Saraswathi Yadav Engineering College, Madurai.
13. A.Iniyan Vairam & N.Gurumoorthy, "**Analytical Investigation of Shear Wall Using Different Configuration of Steel Concrete Composite Sections**", in the **International Conference** on Emerging Trends in Engineering and Technology (ICETET'18) during 9-10 March 2018 at Pandian Saraswathi Yadav Engineering College, Madurai.
14. B.Vinubarshith & N.Gurumoorthy, "**Replacement of Conventional Rebar with Non-Conventional Prefabricated Cage System in RC Column**" in the National Conference on Recent Innovations in Materials, Construction Techniques and Sustainable Development (RIMTSRD 2017), Kalasalingam University, Srivilliputhur on 31st March 2017.

15. K.Viswaesh & N.Gurumoorthy, "**Analysis of Quasi-Brittle Fracture and Critical CTOD For UFS Concrete**" in the National Conference on Recent Innovations in Materials, Construction Techniques and Sustainable Development (RIMTSRD 2017), Kalasalingam University, Srivilliputhur on 31st March 2017.
16. A.Gracy & N.Gurumoorthy, "**Experimental Investigation of RC Beams Containing Used Foundry Sand and Treated Used Foundry Sand**", in the **International Conference** on Emerging Trends in Science, Engineering, Technology & Management (ICETsETm 2016) during 7-8 April 2016 at PSR Engineering College, Sivakasi.
17. A.Jaspher Felik Arockiaraj & N.Gurumoorthy, "**Durability and Bond Behaviour of Treated Used Foundry Sand Concrete**", in the **International Conference** on Emerging Trends in Science, Engineering, Technology & Management (ICETsETm 2016) during 7-8 April 2016 at PSR Engineering College, Sivakasi.
18. D.Krithika & N.Gurumoorthy, "**Beam Containing Treated Used Foundry Sand: An Analytical Study**", in the **International Conference** on Emerging Trends in Science, Engineering, Technology & Management (ICETsETm 2016) during 7-8 April 2016 at PSR Engineering College, Sivakasi.
19. N.Gurumoorthy & T.Manikandan, "**Evaluation of Critical J-Integral and Critical Stress Intensity Factor for Foundry Sand Concrete**", in the **International Conference** on Disaster Management and Mitigation- ICDMM2015 during 27-28 August 2015 at PSNA College of Engineering and Technology, Dindigul.
20. K.Hariharan & N.Gurumoorthy, "**Assessment of Corrosion in Concrete Incorporating Treated Used Foundry Sand**" in National conference on Inventive Materials and Techniques in Civil Engineering, organized by Department of Civil Engineering , Kalasalingam University, Krishnan koil on April 24, 2015.
21. M.Rajivgandhi & N.Gurumoorthy, "**Experimental Investigation on Concrete Containing Treated Used Foundry Sand**" in National conference on Innovations in Civil Engineering-ICE'14, on 16 April 2014 at Kumaraguru College of Technology, Coimbatore.
22. M.Rajivgandhi & N.Gurumoorthy, "**Study on Strength Characteristic of Concrete Containing Waste foundry Sand**" in National conference on Recent Advancements in Civil Engineering, on 21 March 2014 at PSR Engineering College, Sivakasi.
23. M.Poorani & N.Gurumoorthy, "**Influence of Used Foundry Sand on Durability of Concrete**" in National conference on Recent Advancements in Civil Engineering, on 21 March 2014 at PSR Engineering College, Sivakasi.

24. S.Uthirapathy & N.Gurumoorthy **“Experimental Investigation on Concrete Incorporating Used Foundry Sand”** in National conference on Recent Trends in Civil Engineering, on 15 March 2013 at Sree Sowdambika College of Engineering, Aruppukottai.
25. N.Gurumoorthy, R.Ponnudurai & S.Nagan **“Applicability of Critical J-Integral for High Volume Flyash Concrete”** in National conference on Innovation in Civil Engineering, organized by Department of Civil Engineering, Kumaraguru College of Technology, Coimbatore on April 20, 2010.
26. N.Gurumoorthy, R.Ponnudurai & S.Nagan **“An Experimental Investigation of Critical J-integral For High Volume Flyash Concrete”** in National conference on Modern Trends in Civil Engineering, on 12 March 2010 at RVS College of Engineering and Technology, Dindigul.
27. N.Gurumoorthy, R.Ponnudurai & S.Nagan **“Evaluation of Critical J-integral For High Volume Flyash Concrete”** in National conference on Emerging Trends in Civil Engineering, on 23 February 2010 at KSR College of Engineering and Technology, Tiruchengode.

CONFERENCE / SEMINARS / WORKSHOPS ORGANISED:

1. Organized **“ENGINEER’S DAY CELEBRATIONS - “PROJECT EXPO::IDEA BLITZ 2K24”** on 19th September 2024 for Students - Speaker- Er.B.Mohamed Yunus, (Our Proud Alumnus) Managing Director, K.B.S Structures and INFINNO , Dindigul.
2. Organized **“MODEL EXPO’24”** on 6th March 2024 for Polytechnic Students and our Pre Final & second Year Students - Speaker- Er.M.Sethupathi, M.E., (Our Proud Alumnus) Managing Director, Tension-O-Tech Structures, Madurai.
3. Organized **Guest Lecture** **“Structural Design Aspects in Multi Storey Building”** on 11th October 2023 for our Pre Final Year Students- Speaker- Er.A.Baskaran, M.E., M.B.A., Managing Director, Hitech Associates, Madurai.
4. Organized **A Three Days Training**, Bentley Future Fit Lab. & ADAPT Club in Association with TechApps Consulting Services & Bentley Education on **“Application of BIM in Reality Modeling”** on 8th & 10th February 2023.
5. Organized **Value Added Course** for Second Year Civil Students at PSNA CET on CAD during 30th January to 4th February 2023 in association with Vland’s Best Hub Pvt. Ltd., Coimbatore.
6. Organized **Value Added Course** for Third Year Civil Students at PSNA CET on CAD during 04th to 10th May 2022 in association with Vland’s Best Hub Pvt. Ltd., Coimbatore.

7. Organized **Two days Workshop**, Bentley Future Fit Lab. & ADAPT Club in Association with TechApps Consulting Services & Bentley Education on “Infrastructure Development Campaign Using Bentley Softwares” on 7th & 8th Decemeber 2021.
8. Organized “**Science and Engineering - Evaluation on your IQ & Speed (An event to Explore your Mathematical, Technical, Communication and Problem-Solving Skills)**” on 23rd and 24th September 2021 at PSNA college of Engineering and Technology, Dindigul.
9. Organized “**Online Quiz competition - Basic Science and Mathematics**” on 15th July 2021 at PSNA college of Engineering and Technology, Dindigul.
10. Organized **Webinar** on “Software’s in Civil Engineering: Specific Applications and Uses” on 21st May 2021, Guest Speaker Er.Udhayasankar Ramasamy, Manging Director/Freelancer Trainer, B.T.R Construction Erode.
11. Organized **Webinar** for Faculty at PSNA CET on “Bentley Systems Software - Faculty Insight” on 17th May 2021 in association with Bentley Advancing Infrastructure., Chennai.
12. Organized **Value Added Course** for Third Year Civil Students at PSNA CET on CAD during 10th to 16th March 2021 in association with Vland’s Best Hub Pvt. Ltd., Coimbatore.
13. Coordinator of the **Online Guest Lecture series** “Fast Track Construction An Overview” on 15th May 2020 for our Pre Final Year Students- Speaker- Er.Vignesh Madhavan, Director, Aguila Projects Pvt Ltd, Coimbatore & Virudhunagar
14. Coordinator of the **Online Guest Lecture series** “Engineering Your Future With Interior” on 14th May 2020 for our Pre Final Year Students- Speaker- Er.Siddharthan Chidambarabhaarathy, Managing Director, Adya Interiors Pvt Ltd, Chennai & Bangalore
15. Coordinator of the **Online Guest Lecture series** “Advanced Construction Practices using High Performance Materials” on 13th May 2020 for our Pre Final Year Students- Speaker- Dr.R.Siva Chidambaram, Scientist/Asst. Professor, Advanced Structural Composites & Durabilty Lab, CSIR-Central Building Research Institute, Academy of Scientific and Innovative Reserch (Ministry of Science and Technology, Govt. of India) Roorkee
16. Coordinator of the **Two days Workshop on** “3D Modelling with 3D Printing and Scanning Technologies” in association with CADD TECHNOLOGIES, Coimbatore during 6th and 7th September 2019 at PSNA college of Engineering and Technology, Dindigul.
17. Organized **Value Added Course** for Second Year Civil Students at PSNA CET on CAD during 08th to 13th April 2019 in association with Vland’s Best Hub Pvt. Ltd., Coimbatore.

18. Coordinator of the **One day seminar on** "Performance of Structural Constituents Under Extreme Loads" on 7th September 2018 at PSNA college of Engineering and Technology, Dindigul.
19. Organized **Value Added Course** for Second Year Civil Students at PSNA CET on CAD during 21st May to 2nd June 2018 in association with Vland's Best Hub Pvt. Ltd., Coimbatore.
20. Coordinator of the **One day seminar on** "Integrated Water Resources Management" on 2nd April 2018 at PSNA college of Engineering and Technology, Dindigul.
21. Coordinator of the **AICTE Sponsored Two days National Seminar on** "Emerging Trends in Steel Structures -ETSS-17" during 21st and 22nd September 2017 at PSNA college of Engineering and Technology, Dindigul.
22. Coordinator of the **One day Workshop on** "Transmission Line Towers & Metal Structure Behaviour (TTMS-2016)" on 10th June 2016 at PSNA college of Engineering and Technology, Dindigul.
23. Coordinator of the **International Conference** on "Disaster management and mitigation 2015", on August 27 & 28 -2015 at PSNA college of Engineering and Technology, Dindigul.
24. Coordinator of the "**Classy Civilosium' 15**", on 27th February 2015 at PSNA college of Engineering and Technology, Dindigul.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1. Life member of Indian Society for Technical Education (**MISTE**)
2. Life member of Institute of Engineers India (**MIE**)-**M-162660-9**
3. Active Member of Indian Concrete Institute (**ICI**)
4. Anna University Supervisor ID: 3310014

AWARDS & DISTINCTIONS:

1. Editorial Board Member-Modern Materials Science and Technology - Science Publishing Group.
2. Editorial Board Member- American Journal of Construction and Building Materials (AJCBM) -WHIOCE Publishing PTE Ltd.
3. Reviewer in "Construction and Building Materials"- Elsevier Journal
4. Reviewer in "Journal of Materials in Civil Engineering"- ASCE Journal
5. Reviewer in "Journal of Cleaner Production"- Elsevier Journal

6. Reviewer in “Results in Engineering” - Elsevier Journal
7. Reviewer in “KSCE Journal of Civil Engineering” - Springer Journal
8. Reviewer in “Asian Journal of Civil Engineering” - Springer Journal
9. Best paper award for the paper “Shear Crack Controlling on RC Beam by Providing Alternative Reinforcement Provision Technique”, in the International Conference on “Sustainable Materials and its Green Technologies for Industry 4.0” - SMiGT-2021 on 7th - 9th April 2021 at Adithya Institute of Technology, Coimbatore.

PROFESSIONAL IDS & LINKS

1. Orcid ID - 0000-0002-6610-3593
2. AICTE FACULTY ID - 1-502219705
3. VIDWAN ID - 184758
4. Scopus ID: 57190162195
5. Google scholar id: l5MNwuwAAAAJ
6. Researcher id: AAA-4961-2021
7. Twitter url: <https://twitter.com/Gurumoo20368283>
8. Facebook url: <https://www.facebook.com/gurumoorthy.narayanasamy>
9. Linkdin url: <https://www.linkedin.com/in/dr-gurumoorthy-n-08a276177/>

B.E. PROJECTS GUIDED:

SL.NO	PROJECT NAME	MONTH/ YEAR
1.	Analysis and Design of an Indoor Stadium	Oct 2010
2.	An Experimental Study on Compressive Strength of Concrete using Fly ash and Glass particles	April 2011
3.	Experimental investigation on concrete using industrial waste (UFS)	April 2012
4.	Influence of Marble Dust as Partial Replacement of Cement in Concrete	April 2012
5.	Mechanical Properties of Concrete Incorporating Used Foundry Sand (UFS)	April 2013
6.	Analysis and Design of an Indoor Stadium	Oct 2014
7.	Properties of Brick Made Using Granite Dust and	April 2015

	Vermiculite	
8.	Mechanical Behaviour of Concrete Containing E-Waste Plastic as Coarse Aggregate	April 2015
9.	Design of RCC Silo for Cement Storage	Oct 2015
10.	Experimental Investigation on Partial Replacement of Cement with Waste Marble Powder & Coarse Aggregate with Shabath Stones	April 2016
11.	Planning, Analysis and Designing of a Multi Storied Car Parking	Oct 2016
12.	Investigation of Self- Cleaning Concrete Incorporating M-Sand and Recycled Coarse Aggregate	April 2017
13.	Influence of ceramic waste and used foundry sand in concrete	April 2018
14.	Design of a Multispecialty Hospital	OCT 2018
15.	Planning, Analysis and Design of a Multi Storey Car Parking Building	OCT 2018
16.	Effect and Behaviour of Light Weight Concrete Using Used Foundry Sand and LECA	March 2019
17.	Influence of Bottom Ash, Used Foundry Sand and Nano Silica on the Strength of Concrete	March 2019
18.	Analysis and Design of Flyover	OCT 2019
19.	Use of Calcined Used Foundry Sand as Alternative Filler For Mortar and Concrete Production	MAY 2020
20.	Design of Rail Cum Road Bridge	Nov 2020
21.	Influence of polypropylene fiber and Used Foundry Sand in High Strength. Concrete	April 2021
22.	Planning Analysis and Designing of shopping mall	Nov 2021
23.	Experimental Study on the Behaviour of Self Compacting Concrete Using Flyash and GGBS	June 2022
24.	Design of Transmission Line Structures	Nov 2022
25.	Investigation on Rheological and Mechanical Properties of SCC with Used Foundry Sand	April 2023
26.	Design of Bank Building with Sensors	Nov 2023

27.	Influence of M Sand and Light Expanded Clay Aggregate on Concrete	May 2024
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M.E. PROJECTS GUIDED:

	PROJECT NAME	MONTH / YEAR
1.	Experimental Investigation on Concrete Incorporating Used Foundry Sand	June 2013
2.	Influence of Used Foundry Sand on Durability of Concrete	June 2014
3.	Experimental Investigation on Concrete Incorporating Used Foundry Sand	June 2014
4.	Assessment of Corrosion in Concrete Incorporating Treated Used Foundry Sand	June 2015
5.	Analytical and Experimental Studies on Fracture Behaviour of Foundry Sand Concrete	June 2015
6.	Experimental Investigation of RC Beams Containing Used Foundry Sand and Treated Used Foundry Sand	June 2016
7.	Durability and Bond behaviour of Treated Used Foundry Sand Concrete	June 2016
8.	Analytical Studies on Beams Containing Treated Used Foundry Sand	June 2016
9.	Strength Assessment of Energy Efficient Carbon Entrapping Concrete	June 2016
10.	Replacement of Conventional Rebar with Non-Conventional Cage System in RC Column	June 2017
11.	Analysis of Quasi-brittle Fracture and Critical CTOD for UFS Concrete	June 2017
12.	Experimental Investigation on Prefabricated Cage Reinforced Steel Concrete Composite Beam	June 2018
13.	Analytical Investigation of Shear Wall Using Different Configuration of Steel Concrete Composite Sections	June 2018

14.	Study on strength and durability characteristics of concrete containing Bottam Ash and Used Foundry Sand	May 2019
15.	Experimental and Analytical Investigation on Behaviour of Concrete Beam containing Used Foundry Sand and Bottom Ash	May 2020
16.	Investigation on Effect of Different Bracing Systems in Frame Under Sesimic	May 2020
17.	Micro and Mechanical Characteristics of Concrete Incorporating with Calcined Kaolin and Used Foundry Sand	May 2021
18.	Shear Crack Controlling on RC Beam by Providing Alternative Reinforcement Provision Technique	May 2021
19.	Performance Prediction for Wall Panel Cast with Structural Lightweight Concrete	May 2023
20.	Influence of Coated Light Expanded Clay Aggregate in Strength and Durability of the Lightweight Concrete	May 2024

DECLARATION:

I hereby declare that all information furnished above is true and correct to the best of my knowledge and belief.

PLACE

Yours Sincerely,

DATE

(Dr.N. Gurumoorthy)