STAFF PROFILE

Name of the faculty member	**:**	**M. RAMA**
Present Designation	**:**	Associate Professor
Name of the Department	**:**	Department of Civil Engineering
Name of the College	**:**	Government College of Technology, Coimbatore – 641 013.
Residential Address	**:**	75C, Krishnammal First Cross Street, K K Pudur, Saibaba Colony, Coimbatore – 641 038.
Contact Nos.	**:**	Mobile: 9486723545 Email : mrama@gct.ac.in
Gender	**:**	Female
Date of Birth	**:**	13.04.1979

Particulars of Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E.	Civil Engineering	2000	Vellore Engg. College, Vellore.	Madras University	72	First
PG	M.E.	Construction Engineering and Management	2002	College of Engineering, Guindy.	Anna University	7.88	First
Ph.D.	Ph.D.	Civil Engineering	2018	Government College of Technology, Coimbatore	Anna University	-	-

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
SASTRA University, Thanjavur	Lecturer	July 2003	July 2006	3	0	
TPEVR Polytechnic College, Vellore	Lecturer	09.08.2006	25.03.2008	1	8	
Thanthai Periyar Institute of Technology, Vellore	Assistant Professor	26.03.2008	17.06.2010	2	3	
Government College of Technology, Coimbatore	Assistant Professor	18.06.2010	18.04.2023	12	10	
Government College of Technology, Coimbatore	Associate Professor	19.04.2023	Till date (19.10.2025)	2	6	
Total				22	3	

PROJECT DETAILS:

B.E. (2000) – Project Title: Effects of Granite Powder on Index Properties of Black Cotton Soil

M.E. (2003) – Project Title: Microstructural Damage Assessment of Concrete Subjected to High Temperature

PhD (2018) – Thesis Title: Performance Assessment and Characteristic Study on Pervious Concrete with Aggregate Gradation

SUBJECT EXPERTISE:

UG Level:
Construction Materials, Construction Technology, Concrete Technology, Construction Management, Estimation and Costing, Maintenance and Rehabilitation of Structures, Engineering Mechanics, Strength of Materials, Structural Analysis, Airports Docks and Harbour Engineering, Engineering Exploration and Design Thinking.

PG Level:
Maintenance and Rehabilitation of Structures, Advanced Concrete Technology, Experimental Techniques and Instrumentation, Design of Concrete Bridges, Disaster Management, Natural Hazards, Green Building, Research Methodology & IPR and Finite Element Analysis & Applications.

OTHER DETAILS

<table>
<tr><td rowspan="6">No. of Trainings Attended</td><td colspan="2"><1 Week</td><td>2</td><td></td></tr>
<tr><td colspan="2">1 Week FDP</td><td>22</td><td rowspan="5">Total : 103</td></tr>
<tr><td colspan="2">2 Weeks FDP</td><td>6</td></tr>
<tr><td colspan="2">3 Weeks FDP</td><td>1</td></tr>
<tr><td colspan="2">Online Courses (NPTEL)</td><td>26</td></tr>
<tr><td colspan="2">Workshops/Conferences</td><td>46</td></tr>
<tr><td rowspan="10">No. of Seminars/workshops/conferences/Trainings Organized</td><td colspan="2">Workshops</td><td>15</td><td rowspan="10">Total : 63</td></tr>
<tr><td colspan="2">International Workshop</td><td>2</td></tr>
<tr><td colspan="2">National conferences</td><td>4</td></tr>
<tr><td colspan="2">Guest Lecture</td><td>14</td></tr>
<tr><td colspan="2">Training</td><td>6</td></tr>
<tr><td colspan="2">FDP</td><td>6</td></tr>
<tr><td colspan="2">Technical Expo</td><td>4</td></tr>
<tr><td colspan="2">Awareness Programme</td><td>1</td></tr>
<tr><td colspan="2">Orientation Programme</td><td>2</td></tr>
<tr><td colspan="2">Other Events</td><td>9</td></tr>
<tr><td>Details of Awards received</td><td colspan="3">Academic Awards for paper publications</td><td>11</td></tr>
<tr><td rowspan="4">No. of Technical Papers published in Journals/Conferences</td><td colspan="2">Conferences</td><td></td><td>Journals</td></tr>
<tr><td>National</td><td>International</td><td></td><td>International</td></tr>
<tr><td>30</td><td>6</td><td></td><td>27</td></tr>
<tr><td colspan="2">Total No. 36</td><td></td><td>Total No. 25</td></tr>
<tr><td>No. of Project guided</td><td colspan="2">UG: 20</td><td>PG: 22</td><td>Ph.D Guiding: 3</td></tr>
</table>

Awards & Achievements

- Received **Domain Scholar Certificate** from NPTEL Swayam in 1. Construction Materials & Technology and 2. Faculty Advanced
- Received NPTEL **Believer Star** Certificate in December 2019,
  NPTEL **Enthusiast, Believer and Discipline Stars** Certificate in December 2020,
  NPTEL **Motivated Learner Star** in April 2021
  NPTEL **Believer Star Certificate** in April 2022, April 2024
  NPTEL **Enthusiast, Believer and Discipline Stars** Award in April 2023 NPTEL Examinations
- Received **Academic Awards** from Government College of Technology Coimbatore for Paper Publications and Ph.D Completion

Membership Details

- Life Member in International Institute of Organized Research (I2OR)
- Professional Member in InSc International Publishers (IIP)

RESPONSIBILITIES

Responsibilities Held: In Academia

- Programme Coordinator for UG Civil & PG Structural Engineering
- NAAC IQAC Co-Coordinator
- Department NBA Coordinator
- BOS Member
- Faculty Advisor (2010, 2013 & 2017 Batch, ME 2023-25 Batch)
- Time Table Coordinator (2017-21)
- Internship Coordinator (2016, 2017 & 2018 Batch)
- CDC Member for 2022 Regulations
- TLC Member
- Assisted for preparation panel of experts for examination
- Review Committee Member UG Full Time & Part Time, PG Structural and Geotechnical Engineering
- Departmental NACC Component Preparation Committee Member
- NBA Self-Assessment Report Preparation Committee Member
- Class Committee Meeting Member
- Performance Evaluation Committee Member for Result Analysis
- GATE Coaching Training Member for Civil Engineering Students
- Faculty in charge for different Committee for GEOFEST

Responsibilities Held : In Administration

- Anti-Ragging committee member
- Assisted to prepare department calendar and news letter
- Acted as Deputy Warden for Kothaiyar Hostel
- Internal Audit Member
- Verification Officer for TNCET, MBA & MCA Admissions
- Counseling Officer for MBA & MCA Admissions
- Stock Verification Committee Member and Officer

Responsibilities: Outside Institution

- Recognized Supervisor in Anna University Chennai
- Doctoral Committee Member for Research Scholars of VIT, Vellore, Karunya and SRM University
- State Government Nominee for BOG Meeting in Self Financing College.
- University Nominee for BoS at SRIET Coimbatore, KCT Coimbatore.
- Anna University Inspection Committee Member for Self Financing Colleges.
- Reviewer in Journal

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Rama M** and V. M. Shanthi, published a paper on "Mechanical and Hydraulic Properties of Pervious Concrete Using Fly Ash", International Journal of Applied Engineering Research, Volume 10, Number 27, 2015, pp: 21737 - 21742. https://www.ripublication.com/ijaer_spl/ijaerv10n27spl_21.pdf

2. **Rama M** and V. M. Shanthi, published a paper on "Analysis of Properties of Pervious Concrete, International Journal of Gradevinar, ISSN 1333-9095,Volume 68, Number 6, 2016, pp: 493-501. https://doi.org/10.14256/JCE.1434.2015

3. **Rama M**, published a paper on "Behaviour of pervious concrete under abrasion", International Journal of Advanced Research in Biology Engineering Science and Technology, ISSN 2395-695X,Volume 2, Number 14, 2016, pp: 75 to 90. 10.20238/IJARBEST.2016.02050012 (spcl14/768)

4. Yasmin N and **Rama. M**, published a paper in International Journal of Technical Innovation in Modern Engineering & Science, on "Intrinsically Smart Concrete for Structural Health Monitoring" ISSN 2455-2585 Vol. 4 No.4 (2018) page no. 203 to 208. https://ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1808/1751

5. Sanjay Kumar, **Rama. M** and Yasmin. N, published a paper in International Journal of Technical Innovation in Modern Engineering & Science, on "Self-Sensing Concrete Using Functional Fillers for Structural Health Monitoring" ISSN 2455-2585 Vol. 4 No. 4 (2018) page no. 234 to 238. https://ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1812/1755

6. **Rama M** and V. M. Shanthi, published a paper in International Journal of Archives of Civil Engineering, on "Experimental Study on Sedimentation Removal of Pervious Concrete" ISSN 1230-2945 Vol. 64 No.1 (2018) page no. 181 to 195. DOI:10.2478/ace-2018-001, http://archive.sciendo.com/ACE/ace.2018.64.issue-1/ace-2018-0012/ace-2018-0012.pdf

7. Prassana Karunya Devi K, Vetri Selvi P, **Rama M**, published a paper on "Strengthening of the beam column joint using mixed fibers Literature Review", International Research Journal of Engineering and Technology (IRJET), ISSN 2395-0072, Volume 08, Number 12, 2021, pp: 178 to 183. https://www.irjet.net/archives/V8/i12/IRJET-V8I1233.pdf

8. Kalesh Khan A, **Rama M**, Srinithi S, Vasanth D, published a paper on "A Review on Assessment of Thermal Comfort Conditions", GIS Science Journal, ISSN: 1869-9391, Volume 9, Issue 3, March-2022, pp: 913 to 920 DOI:20.18001.GSJ.2022.V9I3.22.38858 https://gisscience.net/volume-9-issue-3-2022/

9. Reneshragul K, **Rama M**, Arun Balaso Banne, Arun Pandiyan, Kalesh Khan A published a paper on "A Review on Lighting System and Aesthetics", International Journal of All Research Education and Scientific Methods, ISSN: 2455-6211, Volume 10, Issue 3, March-2022, pp: 2320 to 2329. https://www.ijaresm.com/uploaded_files/document_file/Reneshragul_KjcTY.pdf

10. Kalesh Khan A and **Rama M** published a paper on "Finite Element Analysis and simulation of missile impact on Nuclear Reactor Containment Structure", Electronic Journal of Structural Engineering, ISSN: 1443-9255, Volume 22, Issue 2, August-2022, pp: 27 to 32. https://doi.org/10.56748/ejse.223142

11. Alisha S Hameed, P Gokuldeepan and **M Rama** published a paper on "Study on Robatics in Indian Construction Industry", International Journal of Creative Research Thoughts, ISSN: 2320-2882, Volume 10, Issue 8, August 2022, pp: 679-682. http://www.ijcrt.org/papers/IJCRT2208577

12. Haseeba KM, P Gokuldeepan and **M Rama**, published a paper on "Factors affecting Implementation of Quality Management Systems in Construction Projects-A Study', International Journal of Creative Research Thoughts, ISSN: 2320-2882, Volume 10, Issue 10, October 2022, pp: 46-50. http://www.ijcrt.org/papers/IJCRT2210008

13. Senthamil Selvan, Ananth K S and **Rama M**, published a paper on "Examining The Influence of Various Factors that Affect Construction Professionals Lifestyle – A Case of Tamil Nadu and Kerala**",** Proceedings of SECON'22. Lecture Notes in Civil Engineering, Volume 284. Springer, Cham. https://doi.org/10.1007/978-3-031-12011-4_50

14. **Rama M** and Shanthi V M published a paper on "Study on Strength, Permeability and Microstructure of Pervious Concrete Blended with Metakaolin", Jordan Journal of Civil Engineering, ISSN: 1993-0461, Volume 17, Issue 1, January 2023, pp: 10-22. https://jjce.just.edu.jo/issues/show_paper.php?pid=6626

15. Gobinath G, **M. Rama** and Vetri Selvi .P published a paper on "An Overview of Phase Change Materials and their Applications in Construction Industry: Review", Materials Today: Proceedings, ISSN 2214-7853, May 2023. https://doi.org/10.1016/j.matpr.2023.05.459

16. S. Kiranpriya and **M. Rama** published a paper on "Comparison on the Behaviour of Bamboo and Polypropylene Fibre in Soil Stabilization", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 11, Issue 6, June 2023, pp: 3442-3450. https://doi.org/10.22214/ijraset.2023.54309

17. Shivani P and **M. Rama** published a paper on "Comparison on the Behaviour of Banana and S-Glass Fibre in Soil Stabilization", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 11, Issue 6, June 2023, pp: 4505-4511. https://doi.org/10.22214/ijraset.2023.54451

18. M Angelaa Dass, M.C. Ravathi, **M. Rama,** S. Makesh Kumar, K. Rajeshkumar, published a paper on "Extraction of copper from waste printed circuit board by acid leaching and electrowinning", AIP conference Proceedings, ISSN:1551-7616 Volume 22764 Issue 1. https://doi.org/10.1063/5.0144120

19. **Rama M**, Sudarsan JS, Sunmathi N and Nithiyanantham S published a paper on "Behavioral assessment of intrinsically formed smart concrete using steel fibre and carbon black composite". Heliyon. 2024 Mar 15; ISSN: 2405-8440, Volume 10, Issue 5. https://doi.org/10.1016/j.heliyon.2024.e26948

20. S. Rajakumari Malarvizhi and **M. Rama** published a paper on "Experimental Study on Chemically Stabilized Subgrade Soil for Flexible Pavement", International Journal of Innovative Research in Technology (IJIRT), June 2024, ISSN: 2349-6002, Volume: 11, Issue: 1, Page No: 1230-1236. https://ijirt.org/master/publishedpaper/IJIRT165462_PAPER.pdf

21. Dyanesh T and **M. Rama** published a paper on "Analysis of High-Rise Commercial Building (G+15) with Alternatively Oriented Floor", International Journal of Innovative Research in Technology (IJIRT), June 2024, ISSN: 2349-6002, Volume: 11, Issue: 1, Page No: 1499-1505. https://ijirt.org/master/publishedpaper/IJIRT165469_PAPER.pdf

22. Deekshitha M K and **Rama M** published a paper on "Nonlinear Analysis of G+20 Storey Composite Moment Resisting Frames in Zones II and IV", Science, Technology And Development Journal, ISSN 0950-0707, Volume13, Issue 6, June 2024, DOI:24.18001.AJCT.2024.V17I6.24.6110

23. Muthuraja M and **Rama M** published a paper on "Energy Consumption of Building Elements using Sustainbale Construction Materials", Periodico di Mineralogia, ISSN 0369-8963, Volume 93, Issue 5, 2024, Page No: 417- 431, https://doi.org/10.5281/zenodo.13943015

24. Ramasamy Gopalakrishnan, **Mahalingam Rama**, Krishnan Dhanalakshmi, Jayraman Sethuraman Sudarsan, Subramanian Nithiyanantham, Bakthavatchallu Gunasekaran, Loganathan Krishnaraj published a paper on "Influence of rice husk ash and nano-CaCO3 on the properties of self-compacting mortar", Vietnam Journal of Chemistry, ISSN: 2572-8288, Volume: 63, Issue: 4, Feb 2025, Page No: 635- 646, https://doi.org/10.1002/vjch.70005

25. Dyanesh T and **Rama M** and Karthik C published a paper on "Numerical Investigation on Behaviour of Cold-Formed Steel Built-Up Column with Web Perforations", Civil Engineering Infrastructures Journal (CEIJ), March 2025, ISSN: 2423-6691, Volume: 11, Issue: 1, March 2025, Page No: 1499-1505.

26. Amrutha S Chandra and **Rama M** Published a Journal on**.** "Insights into Soil Behaviour in Piping Erosion." Journal of Emerging Technology and innovative Research (JETIR), June 2025, ISSN: 2349-5162, Volume: 12, Issue: 6, Page No: 686 -694, https://www.jetir.org/papers/JETIR2506686.pdf

27. Akash and **Rama M** Published a Journal on**.** "Glass Fibre Reinforced Polymer (GFRP) Rebars as a Sustainable Alternative to Steel: A Review" Journal of Emerging Technology and innovative Research (JETIR), June 2025, ISSN: 2349-5162, Volume: 12, Issue: 7, Page No: 274 – 252, https://www.jetir.org/papers/JETIR2507328.pdf

CONFERENCES

International Conference

1. Rama M and V. M. Shanthi presented a paper in International Conference on "Study on Pervious Concrete for Sustainable Development" on 05.12.2014 organised by the department of Civil Engineering, Nehru Institute of Technology, Coimbatore on ICASMITCE – 2014-page no. 255.

2. Prasanna V, Rama M in International Conference on "Study on Pervious Concrete under Impact loads' during 13.04.2015 and 14.04.2015organised by Selvam College of Technology, Namakkal on Advanced in Bio Technology, Civil and Mechanical Science.

3. Periadurai R and M. Rama presented a paper in International Conference on "Behavior of Pervious Concrete under Abrasion" on 29.04.2016 organised by St. Joseph Institute of Technology, Chennai on Recent Trends in Engineering and Technology.

4. Ramakrishnan T & Rama M, "Experimental investigation on concrete blended with ferrock", International Conference Proceedings, Environment-Friendly Construction Materials, Methods and Systems (EFCMS'21), 11.03.2021 & 12.03.2021, at Government College of Technology, Coimbatore, page. no. 7.

5. Kiranpriyaa S & Dr. Rama M "Comparative study on soil stabilization using bamboo and polypropylene fibre ", International Conference on Sustainable Innovative practices (SIP-2023) , 19.04.2023 & 20.04.2023, at Kumaraguru College of Technology, Coimbatore.

6. Shivaani P & Dr. Rama M "Comparative study on soil stabilization using banana and S-Glass fibre", International Conference on Sustainable Innovative practices (SIP-2023) , 19.04.2023 & 20.04.2023, at Kumaraguru College of Technology, Coimbatore.

National Conference

1. Mohan Raj N and Rama M presented a paper in National Conference on "Study on Strength Properties of Pervious Concrete" on 17.04.2013 organised by the department of Civil Engineering, GCT, Coimbatore on RCCE page no 78.

2. Raju and Rama M presented a paper in National Conference on "Study on Permeability of Pervious Concrete" on 17.04.2013 organised by the department of Civil Engineering, GCT, Coimbatore on RCCE page no 98.

3. Mohan Kumar P and Rama M presented a paper in National Conference on "Study on Thermal Behavior of Pervious Concrete" on 16.04.2014 organised by the department of Civil Engineering, Kumaraguru College of Technology, Coimbatore.

4. Anazmon B and Rama M presented a paper in National Conference on "Study on properties of Pervious Concrete using Admixtures" on 20.05.2014 organised by the department of Civil Engineering, Alagappa Chettiyar College of Engineering and Technology, Karaikudi.

5. Periadurai P and Rama M presented a paper in National Conference on "Experimental study on Abrasion Resistance of Pervious Concrete" on 30.04.2016 organised by the department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure.

6. Vignesh V and Rama M a paper in National Conference on "A study on behavior of Hybrid Fiber Reinforced Concrete" on 07.04.2017organised by the department of Civil Engineering, SNS College of Technology, Coimbatore on Latest Advancements in Civil Engineering for Sustainable Development.

7. Vengateshwaran S and Rama M presented a paper in National Conference on "An Experimental study on Effect of Rice Husk Ash and Glass Fibre on properties of Cement with Partial replacement of Fine Aggregate by Quarry Sand" on 07.04.2017organised by the department of Civil Engineering, SNS College of Technology, Coimbatore on Latest Advancements in Civil Engineering for Sustainable Development.

8. Muthuraja M and Rama M presented a paper in National Conference on "Energy Performance of Buildings Using Building Materials" 25.04.2019 organised by the department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore on Advanced Construction Materials and Techniques in Civil Engineering.

9. Hari and Rama M presented a paper in National Conference on "Energy Performance of Buildings Using Building Materials" 25.04.2020 organised by the department of Civil Engineering, PSG Institute of Technology, Coimbatore on Advanced Construction Materials and Techniques in Civil Engineering.

10. Kalesh Khan A and Rama M presented a paper in National Conference on "Behaviour Analysis of Modified Existing Structure for Passage way Openings of Bridge" organised by

the department of Civil Engineering on Materials and Technologies for sustainable Infrastructure (MTSI'22) on 29.07.2022 at Government College of Technology Coimbatore.

11. Gobinath.G, Rama.M and Vetriselvi.P presented a paper in National Conference on "An overview of Phase Change Material and their application in construction industry: Review" 02.02.2023 to 03.02.2023 organised by the department of Civil Engineering, PSG College of Technology, Coimbatore on Recent Advances in Construction Materials and Structures.

12. Kiranpriyaa S & Rama M "Comparison on the behaviour of bamboo and polypropylene fibre in Soil stabilization", National Conference on Sustainable practices in Geotechnical Engineering (SPGE'23), 11.05.2023, at Government College of Technology, Coimbatore.

13. Shivaani P & Rama M "Comparison on the behaviour of banana and S-Glass fibre in Soil stabilization", National Conference on Sustainable practices in Geotechnical Engineering (SPGE'23), 11.05.2023, at Government College of Technology, Coimbatore.

14. Gobinath.G and Rama M presented a paper in National Conference on "An Analytical study on Energy Consumption Using Phase Change Material in Building Elements" on 12.05.2023 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure.

15. Mukilan A, Vetriselvi P and Rama M presented a paper in National Conference on "A Review of Phase Change Material and their applications" on 12.05.2023 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure.

16. Dyanesh T and Rama M presented a paper in National Conference on "Analysis of High-Rise Commercial Building (G+15) With Alternatively Oriented Floor" on 12.05.2023 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 23).

17. Dyanesh T and Rama M presented a paper in National Conference on "Numerical Investigation on Behaviour of cold-formed steel Built-Up Column with Web Perforations" on 28.03.2024 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 24).

18. Deekshitha M K and M. Rama presented a paper in "Nonlinear analysis of a G+20 storey Composite Moment Resisting Frame in Zone IV" on 28.03.2024 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 24).

19. S Rajakumari Malarvizhi and M. Rama presented a paper in National Conference on "Experimental Investigation on Chemically Stabilized Subgrade Soil for Flexible Pavement", National Conference on Sustainable Practices in Geotechnical Engineering (SPGE'23), 27.03.2024, at Government College of Technology, Coimbatore.

20. Murugan S and M. Rama presented a paper in National Conference on "A Review Paper on Design of Stadium Gallery Building", on 28.03.2024 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 24).

21. Jayanthi M and M. Rama presented a paper in National Conference on "A Review Paper on Pre-Engineered Building", on 28.03.2024 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 24).

22. Akash M and M. Rama presented a paper in National Conference on “Performance Enhancement of Concrete Incorporating Metakaolin and Glass Fibres: A Response Surface Approach”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25).

23. Amrutha S Chandran and M. Rama presented a paper in National Conference on “Evaluation of the Effectiveness in Controlling Piping Erosion for Fine Soil Using Eco-Friendly Stabilizers.”, National Conference on Recent Advancement in Geotechnical Engineering (NGRAG'25), 17.04.2025, at Government College of Technology, Coimbatore.

24. Harshini P R and M. Rama presented a paper in National Conference on “Review on Shear and Buckling Behaviour of High Strength Steel Lipped Channel Beams”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25).

25. Sivasankari V , M. Rama , Gurusamy R and Dr.S.Sivaprakasam presented a paper in National Conference on “Experimental Study on Lightweight Concrete with Partial Replacement of Coarse Aggregate Using Expanded Perlite and Glass Fibre”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25).

26. Vahini B, Uma Neelavathi M, Abishekdiraviam A, Perarasu V and Rama M presented a paper in National Conference on “Experimental Investigation on Lightweight Bricks using Bagasse Ash and Papercrete”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25)

27. Aiswarya R and M. Rama presented a paper in National Conference on “Geotechnical Perspec tive on the Landslide in Wayanad – Causes, Impact and Stability Analysis.”, National Conference on Recent Advancement in Geotechnical Engineering (NGRAG'25), 17.04.2025, at Government College of Technology, Coimbatore.

28. P Balaji, P Gokuldeepan and Rama M presented a paper in National Conference on “Analysis the Impact of BIM on Risk Management in Construction Industry”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25)

29. Aafreen A, Hari thedral K , Menaka A, Yazhini S and Rama M presented a paper in National Conference on “A review on Strength Characteristics of Interlocking Blocks with Rice Husk Ash ”, on 09.04.2025 organised by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25)

30. Maheswaran, Rama M and Karthigaiselvi presented a paper in National Conference on “HVAC Layout and Heat Load Calculation for Commercial Building”, on 09.04.2025 organized by the Department of Civil Engineering, GCT, Coimbatore on Materials and Technologies for Sustainable Infrastructure (MTSI 25)

PROGRAMME ORGANISED AND ATTENDED

- Faculty Development Programme Attended : **57**
- Workshop/Conference/Seminar Attended : **46**
- FDP Organised : **06**
- Workshop/Conference/Seminar Organized : **53**
- Guest Lectures Delivered : **14**

PROGRAMME ORGANISED AND ATTENDED

Faculty Development Programme Attended

Sl. No	Title	Institution	Date	Duration (days)	Sponsored by
1	Software Applications in Civil Engineering	Kumara guru College of Technology, Coimbatore	05.05.2008 11.05.2008	7	AICTE
2	Asphalt Binder and Mixture characterization at IIT, Chennai.	IIT Madras, Chennai	23.06.2008 28.06.2008	6	AICTE
3	Pedagogical Training in Engineering Education	Engineering Staff College of India, Hyderabad	22.09.2008 04.10.2008	13	TEQIP
4	Disaster Resistant Structural Design	Anna University, Chennai	16.02.2009 22.02.2009	7	AICTE
5	Fracture Mechanics	IIT Madras, Chennai	22.03.2010 26.03.2010	5	AICTE
6	Advances in Concrete Technology	Sri Ramakrishna Institute of Technology, Coimbatore.	11.07. 2011 24.07.2011	14	AICTE
7	Advances in Engineering Materials	Dr. Mahalinlingam College of Engineering and Technology, Pollachi	22.04.2012 05.05.2012	14	AICTE
8	Effective Communications in Engineering Classrooms	Government College of Technology, Coimbatore	17.07.2012 23.07.2012	7	TEQIP
9	Software Applications in Civil Engineering	Government College of Technology, Coimbatore	03.09.2012 09.09.2012	7	TEQIP
10	Advances in Construction Techniques and Materials	Government College of Technology, Coimbatore	04.10.2012 10.10.2012	7	TEQIP
11	Advanced Treatment Technologies for Water and Wastewater	Government College of Technology, Coimbatore	18.03.2013 24.03.2013	7	TEQIP
12	Current Research Trends in Nano science & Technology and Application in Solar Cells	Government College of Technology, Coimbatore	15.05.2013 21.05.2013	7	TEQIP
13	Sustainable Technologies for Waste to Energy	Government College of Technology, Coimbatore	10.08.2015 14.08.2015	5	TEQIP
14	Nano Materials in Technological Applications [NMTA '16]	Government College of Technology, Coimbatore	27.06.2016 03.07.2016	7	TEQIP
15	Sustainability Issues and Nanotechnology in Construction Industry	Government College of Technology, Coimbatore	22.08.2016 25.08.2016	4	TEQIP
16	Solar PV and Wind Energy System Design and Applications with Simulation Software.	Government College of Technology, Coimbatore	21.09.2016 27.09.2016	7	TEQIP
17	Language Use in Engineering	Government College of	01.11.2016	7	TEQIP

	Classroom	Technology, Coimbatore	07.11.2016		
18	Smart Grid and Smart City	Government College of Technology, Coimbatore	09.11.2016 15.11.2016	7	TEQIP
19	Environmental Management and Analytical Techniques using Nanotechnology	Government College of Technology, Coimbatore	15.02.2017 21.02.2017	7	TEQIP
20	Contemporary Design and Techniques of steel, Concrete Composite Structures	Coimbatore Institute of Technology, Coimbatore	24.04.2017 07.05.2017	14	AICTE
21	Behavioral Skills for Holistic Developments	Dr. Mahalinlingam College of Engineering and Technology, Pollachi	27.11.2017 10.12.2017	14	AICTE
22	Management Development Programme for Teaching Staff	ESCI, at Coorg	26.08.2019 30.08.2019	5	TEQIP
23	Multidisciplinary Approach for Water Conservation & Management	GCT, Coimbatore	03.09.2019 07.09.2019	5	TEQIP
24	Prospects and Challenges in 3D Printing Technologies	GCT, Coimbatore	16.09.2019 20.09.2019	5	ATAL
25	Experimental Techniques and Laboratory Instruction in Material Testing	GCT, Coimbatore	16.12.2019 29.12.2019	14	DOTE-TN FTC
26	Productivity Enhancement Programme	GCT, Coimbatore	27.01.2020 01.02.2020	6	TEQIP
27	Industrial Training for faculty	BSNL, Chennai	08.06.2020 26.06.2020	21	TEQIP
28	BRIDGE ENGINEERING: Design, Execution, Maintenance & Rehabilitation	IIBE Pune & Sinhgad College of Engineering, Pune	13.07.2020 17.07.2020	5	IIBE
29	Basic Course on Design & Construction of Bridges	IIBE Pune & Sinhgad College of Engg, Pune	December 2021	30 Hours	IIBE
30	Innovation in Construction and Green Materials	NITTTR, Chandigarh	07.08.2023 – 11.08.2023	1 Week	NITTR
31	Condition Monitoring and Reliability Assessment in Civil Engineering	AMRITA University, Coimbatore	28.12.2023 – 29.12.2023	2 Days	AMRITA

NPTEL COURSES Completed

Sl. No.	Title	Institution	Programme	Period		Duration
				From	To	
1	Energy Efficiency Acoustics and Day lighting in Buildings	IIT, Delhi	NPTEL	Jan 2019	Apr 2019	12 Weeks
2	Project Planning and Control	IIT, Madras	FDP, NPTEL	Jul 2019	Sep 2019	8 Weeks
3	Principles of Construction Management	IIT, Kanpur	FDP, NPTEL	Jul 2019	Sep 2019	8 Weeks
4	Scheduling Techniques in Projects	IIT, Delhi	FDP, NPTEL	Sep 2019	Oct 2019	4 Weeks

5	Sustainable Materials and Green Buildings	IIT, Delhi	FDP, NPTEL	Jul 2019	Oct 2019	12 Weeks
6	Characterization of Construction Materials	IIT, Madras	FDP, NPTEL	Jan2020	Apr 2020	12 Weeks
7	Advanced Topics in the Science and Technology of Concrete	IIT, Madras	FDP, NPTEL	Jan2020	Apr 2020	4 Weeks
8	Maintenance and Repair of Concrete Structures	IIT, Madras	FDP, NPTEL	Jan 2020	Apr 2020	12 Weeks
9	Principles and applications of Building science	IIT, Roorke	FDP, NPTEL	Sep2020	Oct 2020	4 Weeks
10	Building Construction Materials	IIT Madras	FDP, NPTEL	Jan 2021	Apr 2021	12 Weeks
11	Natural Hazards	IIT Kanpur	FDP, NPTEL	Jan 2021	Mar 2021	8 weeks
12	Introduction to Lean Construction	IIT Madras	FDP, NPTEL	Jan 2022	Feb 2022	4 Weeks
13	Concrete Technology	IIT Delhi	FDP, NPTEL	Jan 2022	Apr 2022	12 Weeks
14	Modern Construction Materials	IIT Madras	FDP, NPTEL	Jan 2022	Apr 2022	12 Weeks
15	Strategies for Sustainable Design	IIT, Hyderabad	FDP, NPTEL	Jan 2022	Apr 2022	12 Weeks
16	Advanced Concrete Technology	IIT Madras	FDP, NPTEL	Jul 2022	Oct 2022	12 Weeks
17	Teaching and learning in Engineering-(TALE)	IIT, Madras	FDP, NPTEL	Jan 2023	Feb 2023	4 Weeks
18	Effective Engineering teaching in practice	IIT, Madras	FDP, NPTEL	Jan 2023	Feb 2023	4 Weeks
19	Outcome based pedagogic principles for effective teaching	IIT, Kharagpur	FDP, NPTEL	Feb 2023	Mar 2023	4 Weeks
20	Introduction on Intellectual Property to Engineers and Technologies	IIT, Kharagpur	FDP, NPTEL	Feb 2023	Mar 2023	4 Weeks
21	Patent Drafting for Beginners	IIT, Madras	FDP, NPTEL	July2024	Aug 2024	4 Weeks
22	Entrepreneurship and IP Strategy	IIT, Kharagpur	FDP, NPTEL	July2024	Sep 2024	8 Weeks
23	Ethics in Engineering Practice	IIT, Kharagpur	FDP, NPTEL	Aug2024	Oct 2024	8 Weeks
24	Accreditation and Outcome Based Learning	IIT, Kharagpur	FDP, NPTEL	Aug2024	Oct 2024	8 Weeks
25	Introduction to Professional Scientific Communication	IIT, Madras	FDP, NPTEL	Jan 2025	Feb 2025	4 Weeks
26	Sustainable Engineering Concepts and Life Cycle Analysis	IIT, Madras	FDP, NPTEL	Jan 2025	Mar 2025	8 Weeks
27	Introduction to Machine Learning	IIT, Madras	FDP, NPTEL	July 2025	Oct 2025	12 Weeks
28	Artificial Intelligence	IIT, Madras	FDP, NPTEL	July 2025	Oct 2025	12 Weeks

Workshop/Conference/Seminar Attended

Sl. No	Title	Institution	Programme	Date		Duration (days)	Sponsored by
				From	To		
1	Practical Training on Geographic Information System	TPGIT, Vellore	Workshop	24.02.2009	25.02.2009	2	TEQIP
2	Soil Taxonomy	TPGIT, Vellore	Workshop	03.03.2009	04.03.2009	2	TEQIP
3	NPTEL Workshop	GCT, Coimbatore	Workshop	09.04.2013		1	MHRD
4	Introduction to ArcGIS for Desktop 10.1	Coimbatore	Workshop	24.09.2013	25.09.2013	2	ESRI
5	Municipal Solid Waste Management: Options for Recycling and Recovery	IIT Bombay	CEP Course	03.10.2013	05.10.2013	3	TEQIP
6	Biodiesel: A Green fuel from the Dross of the Earth	GCT, Coimbatore	Workshop	11.11.2013		1	TEQIP
7	Evaluation and design of pavement using Light weight Deflectometer	GCT, Coimbatore	Workshop	24.06.2014		1	TEQIP
8	Software Training Programme on ABAQUS (Theory & Practice)	GCT, Coimbatore	Workshop	27.10.2014	28.10.2014	2	TEQIP
9	TLC Workshop on Learning Assessment and Evaluation	GCT, Coimbatore	Workshop	01.12.2014	02.12.2014	2	TEQIP
10	Attended and presented paper in International Conference	NIT, Coimbatore	International Conference	05.12.2014		1	TEQIP
11	Training and Demonstration on Biodiesel Rancimat	GCT, Coimbatore	Workshop	03.02.2016		1	TEQIP
12	Electronic Waste Management	GCT, Coimbatore	Workshop	06.04.2016		1	TEQIP
13	Materials and Technologies for Sustainable Infrastructure	GCT, Coimbatore	National Conference	29.04.2016	30.04.2016	2	TEQIP
14	Nano Technology Principles in Energy and Environmental Applications	GCT, Coimbatore	Workshop	17.08.2016	19.08.2016	2	TEQIP
15	Sustainability Issues and Nanotechnology in Construction Industry	GCT, Coimbatore	Workshop	22.08.2016	25.08.2016	4	TEQIP
16	Software Applications in Environmental Management	GCT, Coimbatore	Workshop	31.08.2016	02.09.2016	3	TEQIP
17	Cyber Security: Current Trends and Future Perspective	NIT, Kurushetra	Workshop	01.03.2017	03.03.2017	3	TEQIP
18	Total Station and its Applications	SKCT, Coimbatore	Workshop	10.11.2017	11.11.2017	2	TEQIP

19	Quality Auditing of Structures	GCT, Coimbatore	Workshop	23.03.2018		1	TEQIP
20	ONLINE E - PROCUREMENT	GCT, Coimbatore	Workshop	06.04.2018		1	TEQIP
21	E – PROCUREMENT Process	CIT, Coimbatore	Workshop	20.11.2018		1	TEQIP
22	Forensic Geotechnical Engineering	GCT, Coimbatore	Workshop	01.08.2019	03.08.2019	3	TEQIP
23	Construction Practices in Gulf Countries	GCT, Coimbatore	Workshop	13.08.2019	14.08.2019	2	TEQIP
24	Work Life Balance	GCT, Coimbatore	Workshop	05.08.2019		1	TEQIP
25	Intellectual Property Rights	GCT, Coimbatore	Technical Seminar, IPR	27.09.2019		1	TEQIP
26	Leadership in Higher and Technical Education	ESCI, Hyderabad	Webinar	30.06.2020		1	TEQIP
27	Teach 2 Influence (T2i)	IQAC, GCT, Coimbatore	Workshop	11.07.2020, 18.07.2020	25.07.2020	3	TEQIP
28	Project Management	EDIFICE Solutions	Workshop	30.07.2020	31.07.2020	2	
29	Digital Teaching – How to handle effective online classroom	IQAC, GCT, Coimbatore	Workshop	11.08.2020		1	TEQIP
30	Train the Trainers on Examination Reforms	NPIU, TEQIP III	Workshop	04.12.2020	05.12.2020	4	TEQIP III
31	Design and Implementation of Curriculum as per National Education Policy	IQAC, GCT, Coimbatore	workshop	29.09.2021	01.10.2021	2	IQAC
32	Twinning Programme on National Education Policy	GCT, Coimbatore	Webinar	18.02.2021		1	TEQIP
33	Workshop on NAAC-Accreditation- Metrics Driven Methodology-An Overview	IQAC, GCT, Coimbatore	Workshop	09.10.2021		1	TEQIP
34	□□□□□□□ □□□□□□□□	GCT, Coimbatore	Webinar	08.03.2022		1 Day	IQAC
35	Openings for Funded Projects	GCT, Coimbatore	Workshop	24.03.2022		1 Day	IQAC
36	Naan Mudhalvan Building Information Modeling	PSG, Coimbatore	Workshop	19.09.2022	21.09.2022	3 Day	L&T Edutech
37	BIM and Scope in the Construction Industry	Chalapathi Institute of Technology, Guntur, AP	Workshop	25.02.2023		1 day	IGS Guntur

38	Recent Trends in Construction Industry and Practices (MoU Activity)	GCT, Coimbatore	Workshop	01.09.2023	1 day	MoU
39	National Concrete Day Celebration	GCT, Coimbatore	Technical Event	07.09.2023	1 day	CEA
40	IPR	GCT, Coimbatore	Workshop	15.11.2023	1 day	IPR
41	Quality Assurance and Sustenance in Higher Education	GCT, Coimbatore	Workshop	30.11.2023	1 day	IQAC
42	NAAC Documentation – A Key Insight	IQAC Clusture	Workshop	Feb 2024	4 Days	IQAC Clusture
43	Siemens Training	GCT, Coimbatore	Workshop	21.08.2024	1 Day	Siemen
44	Procedural Steps Involved in Patent Filing and the Challenges during Commercialization, IPR GCT, Coimbatore	GCT, Coimbatore	Workshop	30.11.2024	1 Day	IPR
45	Be 10X AI tools	GCT, Coimbatore	Workshop	01.12.2024	1 Day	
46	Outcome Based Education	Anna University, Chennai	Workshop	14.03.2025	1 Day	TANSCHE

FDP Organised

Sl. No.	Title	Institution	Programme	Date		Duration (days)
				From	To	
1	FDP on Advances in Construction Techniques and Materials	GCT, Coimbatore	FDP	04.10.2012	10.10.2012	7
2	FDP on Advanced Treatment Technologies for Water and Waste Water	GCT, Coimbatore	FDP	18.03.2013	24.03.2013	7
3	FDP on Sustainable Technologies for Waste to Energy	GCT, Coimbatore	FDP	10.08.2015	14.08.2015	5
4	FTC-FDP on Recent Trends in Construction Materials and Technology	GCT, Coimbatore	FDP	20.07.2020	24.07.2020	5
5	FDP Building Information Modelling	GCT, Coimbatore	FDP	08.09.2025	12.09.2025	5
6	FDP Building Information Modelling	GCT, Coimbatore	FDP	22.09.2025	26.09.2025	5

Workshop/Seminar Organised

Sl. No.	Title	Institution	Programme	Date		Duration (days)
				From	To	
1	National Conference on " Environmental Challenges towards Sustainability ECS 2011"	GCT, Coimbatore	Conference	24.03.2011	25.03.2011	2
2	National Conference on " Environmental Challenges towards Sustainability ECS 2012"	GCT, Coimbatore	Conference	27.04.2012		1
3	International Workshop on Biodiesel: A green Fuel from the Dross of the Earth	GCT, Coimbatore	International Workshop	11.11.2013		1
4	TOC Analyzer and FTIR Spectrophotometer Applications in Environmental Engineering & Biotechnology	GCT, Coimbatore	Workshop	07.11.2014		1
5	National Conference on "Environmental Challenges towards Sustainability ECS 2015"	GCT, Coimbatore	Conference	15.05.2015		1
6	Workshop on ESTRUCTO	GCT, Coimbatore	Workshop	19.03.2016		1
7	Personality Development and Career Guidance	GCT, Coimbatore	Guest Lecture	27.07.2018		1
8	Internship Coordinator	GCT, Coimbatore	Internship	2016-2020 BATCH		28
9	Construction Project Management	GCT, Coimbatore	CEA Workshop	23.02.2019		1
10	Essence of Project Management	GCT, Coimbatore	Workshop	15.07.2019		1
11	Higher Studies at Overseas	GCT, Coimbatore	Guest Lecture	21.08.2019		1
12	Job Opportunities in India and Overseas International Co. LLC, Muscat.	GCT, Coimbatore	Guest Lecture	16.09.2019		1
13	Career in Defence Sector for Engineers	GCT, Coimbatore	Guest Lecture	11.10.2019		1
14	Internship Coordinator	GCT, Coimbatore	Internship	2017-2021 BATCH		28
15	Yoga for Youth Empowerment	GCT, Coimbatore	Yoga	06.01.2020-10.01.2020		5
16	Employability Skill Test	GCT, Coimbatore	EST	2017-2021 BATCH		7
17	Surveying with Total Station Training	GCT, Coimbatore	Online Training	06.07.2020-10.07.2020		7
18	Western Ghats and Dam management	GCT, Coimbatore	Webinar	23.12.2020		1
19	L & T Built India Scholarship	GCT, Coimbatore	Webinar	21.02.2021		1
20	Overcoming Stress with Positive Attitude	GCT, Coimbatore	Webinar	06.03.2021		1

21	Civil Engineering Opportunities and Challenges	GCT, Coimbatore	Webinar	06.03.2021	1
22	Career Advancement in Construction, Real estate, Infrastructure and Project (CRIP) Sector	GCT, Coimbatore	Webinar	28.12.2021	1
23	Awareness Programme Conservation of Surface and Ground Water	GCT, Coimbatore	Webinar	22.03.2022	1
24	Technical Expo under MoU Cell	GCT, Coimbatore	Exhibition	11.05.2022	1
25	Internship Coordinator	GCT, Coimbatore	Internship	2018-2022 BATCH	28
26	Green Materials for Sustainable Construction	GCT, Coimbatore	Webinar	10.04.2023	1
27	Mastering LinkedIn –YCC Cell	GCT, Coimbatore	Webinar	06.05.2023	1
28	International Seminar and Poster Presentation on BEAT ON PLASTIC POLLUTION-World Environment Day	GCT, Coimbatore	International Seminar	05.06.2023	1
29	Public Connect Road Show & Exhibition	GCT, Coimbatore	Exhibition	08.06.2023	1
30	Recent Trends in Construction Industry and Practices (MoU Activity)	GCT, Coimbatore	Workshop	01.09.2023	1
31	National Concrete Day Celebration	GCT, Coimbatore	Technical Event	07.09.2023	1
32	Orientation Programme 2023 – YCC Cell	GCT, Coimbatore	Orientation Programme	11.09.2023	1
33	Technical Quiz – YCC Cell	GCT, Coimbatore	Technical Quiz	14.09.2023	1
34	Quality Assurance and Sustenance in Higher Education	GCT, Coimbatore	Workshop	30.11.2023	1
35	Exposure to Govt. School Students	GCT, Coimbatore	Awareness Programme	18.01.2024	1
36	Condition Assessment & Auditing of R.C. Structures	GCT, Coimbatore	Workshop	29.01.2024	1
37	De-stressing Session& Laughter Theraphy	GCT, Coimbatore	IQAC-Workshop	29.01.2024	1
38	How to become a structural consultant	GCT, Coimbatore	Workshop	30.01.2024	1
39	YCC-Internship Impact Elevate your Career	GCT, Coimbatore	Webinar	08.02.2024	1
40	Hands on Training on ETABS	GCT, Coimbatore	Training	13.02.2024 to 16.02.2024	4
41	Design of Prestressed Concrete Structures & Water Tank As Per Limit State	GCT, Coimbatore	Workshop	13.03.2024	1
42	National Conference On Materials & Technologies For Sustainable Infrastructure MTSI	GCT, Coimbatore	Workshop	28.03.2024	1

	24				
43	World Environment Day Celebration WED24	GCT, Coimbatore	Seminar & Poster Presentation	05.06.2024	1
44	Quality Assessment Enhancement and Sustenance Initiatives	IQAC GCT Coimbatore	Workshop	04.07.2024	1
45	Global Alumni Reunion	GCT, Coimbatore	TECH EXPO	06.07.2024	1
46	Mastering the Art of Research Paper Writing	GCT, Coimbatore	Workshop	03.10.2024	1
47	Airport Planning and Development: The Role of Civil Engineers	GCT, Coimbatore	Guest Lecture	24.10.2024	1
48	Induction Programme 2024 – YCC Cell	GCT, Coimbatore	Orientation Programme	13.11.2024	1
49	Design Thinking	GCT, Coimbatore	Workshop	20.02.2025	1
50	Materials and Technologies for Sustainable Infrastructure	GCT, Coimbatore	Conference	09.04.2025	1
51	World Environment Day WED 25	GCT, Coimbatore	Workshop	05.06.2025	1
52	Orientation Programme for I year M.E. Structural Enginering 2025	GCT, Coimbatore	Orientation Programme	16.09.2025	1
53	Hands on training for Design to Regional Testing Lab	GCT, Coimbatore	Community Service Programme	16.09.25025	1