

PERSONAL PROFILE

Name : Dr.G.ANUSHA

Date of Birth : 29.05.1984

Residential Address : 13 Thirunagar Colony,
Sathyamangalam-638402

Mobile No. : 8667769169

E-mail : anushagcivil@gmail.com

Total Experience : 17 years in teaching

Current Affiliation : Professor and Head- Civil Engineering
KPR Institute of Engineering and Technology
Coimbatore



Academic Qualification:

Degree	Institution	Board/University	Year of Passing	Class
Ph.D Environmental Engineering	-	Anna University, Chennai	2013	Highly Commendable
M.E Environmental Engineering	Government College of Technology, Coimbatore.	Anna University, Chennai	2007	I
B.E Civil Engineering	Bannari Amman Institute of Technology Sathyamangalam	Anna University, Chennai	2005	I

Work Experience:

Year	Designation	Institution
2007 - 2011	Assistant Professor	Bannari Amman Institute of Technology
2011 - 2013	Assistant Professor (Sr.G)	Bannari Amman Institute of Technology
2013 - 2017	Associate Professor & Head	Bannari Amman Institute of Technology
2017 - 2018	Professor & Head	Bannari Amman Institute of Technology
2018 - 2020	Professor	Jawaharlal College of Engg and Technology
2020 till now	Professor & Head	KPR Institute of Engineering and Technology

Workshops/Seminars attended:

S.No	Title of the course	Venue/Organiser	Duration
1.	Estimation of water footprint and neutrality: Tools for tracking green products	ICWMR and TERI School of Advanced Studies	01.02.2025
2.	NBA Awareness workshop on Outcome Based Education and Accreditation	Anna University	09.02.2025

3.	Counseling psychology	Healthtalk	04/11/2024
4.	Carbon sequestration techniques and their applicability for low carbon built environment	Innowell	25.04.2024
5.	Microsoft	UpEducators	06.11.2023
6.	International Conference on “Performance of geo- polymer 3D printing concrete under Ambient Curing”	KPR Institute of Engineering and Technology	24.03.2022 to 25.03.2022
7.	“Experimental Study on RPC containing Zircon sand and Sillimanite at Elevated Temperatures”	NIT Calicut	13.12.2022 to 19.12.2022
8.	“An Investigation on Partial replacement of cement by using food waste”	NIT Calicut	13.12.2022 to 19.12.2022
9.	Steel slag’s effect on concrete mechanical properties and durability	NIT Calicut	13.12.2022 to 19.12.2022
10.	GIS for Smart City	Presidency University, Bengaluru	12.12.2022 to 16.12.2022
11.	E- Waste Management	Narasu’s Sarathy Institute of Technology	08.10.2022
12.	Emerging Trends in smart and sustainable Infrastructure	Association of consulting Civil Engineering	30.09.2022 to 01.10.2022
13.	A Study on Granulation Process Inside a UASB Reactor	ATME College of Engineering, Mysuru.	14.07.2022 to 15.07.2022
14.	Sustainable Treatment options for Liquid Waste Management	Pimpri Chinchwad College of Engineering, Pune	29.08.2020
15.	ABC of Construction	ASCE	02.08.2020
16.	Creativity and passion leads to success	St Marys cenetary degree college,Secundrabad	06.08.2020
17.	International Conference on ”Emerging Research trends in Structural Engineering”	VIT, Chennai	16.07.2020-17.07.2020
18.	International Conference on ”Paleoclimate changes”	VIT, Chennai	09.07.2020-10.07.2020
19.	Skillathon on Robatic Process Automation	UiPath	30.05.2020
20.	Latest trends in Building Construction and Management	ACCI	14.07.2020
21.	Annual Sustainability in Design and Construction	NISPANA, Bangalore	17.08.2017 & 18.09.2017
22.	Introduction to Sustainable Buildings and LEED V4 Rating Systems	EN3,EDDEGO,Bangalore	29.07.2017
23.	Industry Institute Conclave	CSIR,AMPRI & IENT, Coimbatore	09.08.2017
24.	Advanced Training pgm on “Green Building Rating System”	CII-IGBC, Chennai	23.03.2017 to 24.03.2017
25.	Training on QP setting as per RBT	BIT	31.01.2017
26.	Attended National Seminar on “Solid Waste Management in Erode District	Erode	19.01.2017
27.	Attended one day Senior Leadership programme on “Reflections on Life and Education”	BIT	09.12.2016

28.	Attended workshop on “Logical Frame Work Analysis”	BIT	05.12.2016 to 06.12.2016
29.	Attended International Conference on “Tall Structures” organized by Association of Consulting Civil Engineers, Bangalore	ACCE, Bangalore	08.11.2016 to 12.11.2016
30.	Workshop on “3D Printing in Concrete	IIT Madras	08.08.2016
31.	Attended Workshop on “Repair and Retrofitting Techniques of Concrete Structures”	VIT, Vellore	06.04.2016
32.	Attended Workshop on “Precast Construction Practices in India”	IIT Madras	05.02.2016 & 06.02.2016
33.	Attended National Conclave on “Higher Education”	CII -Coimbatore	18.11.2015 & 19.11.2015
34.	Attended “Autodesk Educators Summit 2015”	Mumbai	07.08.2015 & 08.08.2015
35.	Attended a workshop on “ Latest Water Management Techniques”	CII – Coimbatore Zone	23.06.2015
36.	Attended training programme on “Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System”	ISRO IIRS Outreach Program	04.08.2014 to 14.11.2014
37.	Attended 4 day training programme on Revised Blooms Taxonomy	BIT, Sathy	23.02.2015& 24.02.2015 17.03.2015 to 20.03.2015
38.	One day Workshop on Curriculum Development and Bloom Taxonomy	BIT, Sathy	10.12.2014
39.	Workshop on Advanced Instrumental methods for Engineering Materials	BIT, Sathy	18.10.2014 to 19.10.2014
40.	Workshop on Bloom’s Taxonomy	BIT, Sathy	24.09.2014
41.	Interaction with Dr. Kiran Bedi	CII –IWN	07.02.2014
42.	NBA Workshop on “Training of Evaluators / Resource Persons on Outcome Based Accreditation”	BIT, Sathy	09.05. 2013 to 11. 05.2013
43.	Personal Effectiveness programme	BIT, Sathy	06.10.2012 to 07.10.2012
44.	International symposium on Environmental Risk Assessment 2011	Bharathiyar University, Coimbatore	17.10.2011 to 19.10.2011
45.	One day Workshop on STAAD Pro, Water Gems & Total Station	Excel Engineering College, Komarapalayam	26.09.2011
46.	Valuation of land and buildings	BIT, Sathy	Aug-Nov 2010
47.	International Conference and Exhibition on Solid waste Management	Anna University, Coimbatore	12.08.2009 to 14.08.2009
48.	International conference on Emerging Trends in Environmental research	St. Albert’s College, Kochi	14.08.2009 to

			16.08.2009
49.	Effective communication and leadership skills for women	PSG College of Technology, Coimbatore.	21.08.2009 to 22.08.2009
50.	Software applications in Civil Engineering	V.L.B. Janakiammal College of Engg., &Tech, Coimbatore	24.02.2009
51.	Nanotechnology for site remediation and wastewater treatment.	Kongu Engineering College, Perundurai	27.01.2009
52.	Project Planning and Management using Primavera	Kongu Engineering College, Perundurai	06.10.2008
53.	ISO 9001:2000 Awareness & Internal Audit	Bannari Amman Institute of Tec.,(Zandig TQM Solutions, Bangalore)	11.07.2008 to 12.07.2008
54.	Recent advances in bioremediation and phytoremediation of toxic pollutants	Coimbatore Institute of Technology, Coimbatore	22.02.2008
55.	Solid Waste management and cleaner Environment	Karpagam College of Engineering, Coimbatore.	23.01.2008 to 24.01.2008
56.	Solid Waste management Techniques	MepcoSchlenk Engineering College, Sivakasi	23.11.2007
57.	Nano Technology and the society	Bannari Amman Institute of Technology(IIT Chennai)	17.11.2007
58.	Heuristic optimization techniques for solving Multi-disciplinary Engineering problems	PSG college of Technology	08.09.2007 to 09.09.2007

Staff (Faculty) Development Programme /Courses attended/completed:

Sl.No.	Title of the course	Venue	Duration of the course
1.	FDP on “Micro plastic pollution : Sources, Analysis and Remediation”	BR Ambedkar National Institute of Technology, Jalandhar	03.02.2025 to 07.02.2025
2.	CPD Program on ‘G3 Artificial Intelligence in Infrastructure’	Engineering Council of India	10.01.2025
3.	Modern Civil Engineering Techniques	PALS	20.11.2024 to 22.11.2024
4.	Education as Process Approach	KPRIET	10.09.2024 to 13.09.2024
5.	Sustainable Smart City Development using GIS	NITTTR	19.08.2024 to 23.08.2024
6.	Emotional Intelligence Fundamentals	Endorphin	14.08.2024
7.	English Speaking and Communication skills development	Value Adder	03.08.2024 to 07.08.2024
8.	AICTE Evaluated 7 Day- Design Thinking Course	Turnip Innovations	12.07.2024 to 18.07.2024

9.	Principles of waste management	NITTTR, Kolkata	17.06.2024 to 21.06.2024
10.	Inequity and Climate change: Water woes of large dense unplanned urban settlements	Anil Agarwal Environment Training Institute	25.06.2024
11.	NEP 2020 Orientation and Sensitization Programme	Malaviya Mission Teacher Training Programme	16.05.2024 to 24.05.2024
12.	A Hybrid Course on Water Quality- An approach to people's waste data	Online - IIT Madras, Tel Aviv University, and KMCH Research Foundation	January 2024 to May 2024
13.	CII certified professional in carbon footprint	CII Sohrabji Godrej Green Business centre	19.03.2024 to 23.03.2024
14.	Patent Drafting for Beginners	NPTEL- AICTE	05.02.2024 to 30.03.2024
15.	Lead Auditor Course on "Green, Energy, Environment and waste management audits to Educational Institutions and Industry sectors"	Nature Science Foundation	18.03.2024 to 22.03.2024
16.	10- Day Idea to Patent Course	Turnip Innovations	13.03.2024 to 22.03.2024
17.	Civil Engineering oriented innovative software	Velammal College of Engineering and Technology	05.02.2024 to 09.02.2024
18.	Energy Literacy Training	Energy Swaraj Foundation	07.11.2023
19.	Python	IIT Madras in partnership with GUVI	13.04.2023
20.	A two day faculty development program on Outcome Based Education	KPR Institute of Engineering and Technology, Coimbatore.	07.07.2023 to 08.07.2023
21.	A three day faculty development program on Learning Experience Design	KPR Institute of Engineering and Technology, Coimbatore.	23.05.2023 to 25.05.2023
22.	Review on Recent Research in Civil Engineering (RRR – 2023)	Kallam Haranadhareddy Institute of Technology	10.07.2023 to 15.07.2023
23.	Waste Water Treatment	Marri Laxman Reddy Institute of Technology and Management	18.05.2023
24.	GUVI	Google for Education Partner	April 13, 2023.
25.	GUVI – Python Course	IIT Madras	Jan 2023 to April 2023.
26.	GPS Surveying	Indian Institute of Technology, Roorkee	Jul – Aug 2022.
27.	Electronic Waste Management – Issues and Challenges	Indian Institute of Technology, Kharagpur	Jan – Feb 2022
28.	Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023)	KPR Institute of Engineering and Technology, Coimbatore.	09.02.2023 to 10.02.2023

29.	A Short-Term Course on Energy Storage Devices and Instrumentation	Karpagam Academy Of Higher Education Coimbatore	05.12.2022 to 09.12.2022
30.	Introduction to IOT	NASSCOM Future Skills	27.10.2022
31.	Introduction to Cybersecurity	NASSCOM Future Skills	27.10.2022
32.	Remote Sensing, GPS and GIS in Engineering	NITTTR, Chandigarh	22.08.2022 to 26.08.2022
33.	Advances in analytical techniques	SRM Institute of Engineering and Technology, Chennai.	25.07.2022 to 30.07.2022
34.	Civil Engineering Conclave 2022 on Bridge Engineering	KPR Institute of Engineering and Technology, Coimbatore.	March 15, 2022
35.	Lean Concepts and impact assessment towards sustainability in Indian construction industry	Anna University, Chennai	10-11, January 2021
36.	Accreditaed course on Counselling children and adoloscence	Udemy	June 2021
37.	Master class on Women at Top	Iron Lady	22-24 March 2021
38.	Innovation through Design Thinking	Taylors University, Malaysia	6 Jan to 11 Feb 2021
39.	Fundamentals for Tekla Structures	Trimble	23 Jan 2021
40.	Step into Robotic Process Automation	GUVI	May 2020
41.	NBA Accreditation and SAR Preparation	NTTTR, Kolkata	20.07.2020 to 24.07.2020
42.	Advanced Module on Geospatial Applications for Disaster Risk Management	UNOOSA &ISRO	November 2020
43.	Basic Module on Geospatial Applications for Disaster Risk Management	UNOOSA &ISRO	November 2020
44.	Advances in Water Resource Management and Sustainable Environment	Ramaiah Institute of Engineering and Technology	17.08.2020 to 21.08.2020
45.	Writing Research Proposals	NITTTR K	03.08.2020 to 07.08.2020
46.	Sustainable Concepts in Civil Engineering and Architecture	Ramaiah Institute of Engineering and Technology	20.07.2020 to 25.07.2020
47.	Recycling of Construction Demolition Waste	SRM Institute of Engineering and Technology	05.08.2020 to 07.08.2020
48.	Recent Advances in Civil Engineering	Jyothi Institute of Technology, Bangalore	27.07.2020 to 31.07.2020
49.	Skill Enhancement in Civil Engineering Laboratories	BMS Institute of Technology, Bangalore	08.07.2020 to 10.07.2020

50.	Leadership and Team Building in Academia	NITTTR K	13.07.2020 to 17.07.2020
51.	Positive Psychology	The University of North Carolina at Chapel Hill and offered through Coursera	30.06.2020
52.	Close Range Photogrammetry and Terrestrial Laser Scanning	IIRS –ISRO	08.01.2018 to 12.01.2018
53.	Computer oriented applications in Civil Engineering	BIT	22.5.2017 to 26.05.2017
54.	Environmental Management for Sustainable Development	BIT	17.04.2017 to 21.04.2017
55.	Conceptual Structural Analysis of Structures	BIT –DST Sponsored	05.12.2016 to 17.12.2016
56.	Residential Programme on “Leadership Enhancement for Professors”	Coimbatore Productivity Council, Sinclairs Hotel, Ooty	24.05.2016 to 26.05.2016
57.	Introduction to Structural Engineering	BIT through MHRD – ICT, IIT Kharagpur	30.11.2015 to 09.01.2016
58.	Environmental Studies	BIT through MHRD – ICT, IIT Bombay	02.06..2015 to 12.06.2015
59.	Water Resources Engineering	Coimbatore Institute of Technology	13.10.2014 to 17.10.2014
60.	Vibrations in Structures	College of Engineering, Pune	14.07.2014 to 18.07.2014
61.	Biological Treatment of Wastewater: Innovations, Perceptions and Challenges	Government College of Technology	25.02.2014 to 27.02.2014
62.	Non-traditional techniques for structural optimization	Bannari Amman Institute of Technology	07.12.2010 to 21.12.2010

Conferences/Workshops Organized:

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

1. Organized 200 National and International webinars
2. Organized a “World Water Day” during March 23, 2023.
3. Organized a “BIM Conclave” during March 16th and 17th, 2023.
4. Organized a “Industry Conclave” during March 2023.
5. Organized a “Civistra – A National Level Symposium for Polytechnic Students” during February 2023.
6. Organized a “Bridge Conclave” during March 2022.
7. Organized a “Concrete Marathon” during September 2022.

BANNARI AMMAN INSTITUTE OF ENGINEERING AND TECHNOLOGY

1. Organized a National level workshop on “Non Destructive Testing of Concrete Structures” during 9th August 2017
2. Organized a National level workshop on “Durability Performance of concrete structures” during 15th July 2017
3. Organized a Faculty Development Programme on “Environmental Management for Sustainable Development” during 17th to 21st April 2017.
4. Organized a National Conference on “Latest Emerging Trends and Sustainable Development of Civil Engineering” during 26th March 2017
5. Organized a National workshop on “Design of multibay structures” during July 23, 2016
6. Organized a National workshop on “Soil Structure Interaction” during July 23, 2016
7. Organized an International Seminar on “Mass Transportation and Planning” during July 23, 2016
8. Organized a National workshop on “Non Destructive Testing” during July 23, 2016
9. Organized a National workshop on “Selection of Projects for B.E., M.E and PhD programmes in Civil Engineering” during September 17, 2016
10. Organized a Faculty Development Programme on “Foundation Engineering and Practices” at Bannari Amman Institute of Technology (BIT) during 13th to 17th June 2016.
11. Organized a National Workshop on “Design of Prestressed Concrete Members as per IS1343 -2012 Code” at Bannari Amman Institute of Technology (BIT) during 8th April 2016.
12. Organized a National Level Technical Symposium “LIONZERA” at Bannari Amman Institute of Technology (BIT) during 7th and 8th March 2016.
13. Organized a National Seminar on “Bridge Engineering” at Bannari Amman Institute of Technology (BIT) on 23rd February 2016.
14. Organized a National Conference on “Disaster Mitigation and Management” at Bannari Amman Institute of Technology (BIT) on 29th December 2015
15. Organized a Faculty Development Programme on “Inspired and Integral Education” at Bannari Amman Institute of Technology (BIT) 18th and 19th December 2015
16. Organized a Faculty Development Programme on “Imparting Integral Education” at Bannari Amman Institute of Technology (BIT) 7th and 8th August 2015
17. Organized a Two Day National Workshop on “Construction Practices” at Bannari Amman Institute of Technology (BIT) 11th and 12th August 2015
18. Organized a Faculty Development Programme on “Imparting Integral Education” at Bannari Amman Institute of Technology (BIT) 7th and 8th July 2015
19. Organized a National Conference on “Latest Emerging Trends and Sustainable Development of Civil Engineering” at Bannari Amman Institute of Technology (BIT) during 26th March 2015.
20. Organized a National workshop on “Selection of Projects for B.E., M.E and PhD programmes in Civil Engineering” during July 24, 2015
21. Organized a National Level Technical Symposium “LIONZERA” at Bannari Amman Institute of Technology (BIT) during 6-7 March 2015.
22. Organized a National Workshop on “Solid and E-waste Management” at Bannari Amman Institute of Technology (BIT) 21st February 2015.
23. Organized a National Level Technical Symposium “LIONZERA” at Bannari Amman Institute of Technology (BIT) during 10-11 March 2014.

24. Organized a National Conference on “Latest Emerging Trends and Sustainable Development of Civil Engineering” at Bannari Amman Institute of Technology (BIT) during 6 March 2014.
25. Organized a National Workshop on “Composite Structures” at Bannari Amman Institute of Technology (BIT) during 15 February 2014.
26. Organized a National Workshop on “Soil Mechanics and Foundation Engineering” at Bannari Amman Institute of Technology (BIT) during 24 January 2014.
27. Coordinated a Value Added Course on “Valuation of Land and Buildings” at BIT during August – November 2010
28. Organized a Pre - Workshop and National Conference on “Water Resources and Wastewater Management” at Bannari Amman Institute of Technology (BIT) during 16-17 September 2010.

Administrative Skills:

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

1. Heading the Department of Civil Engineering from March 2020 till now
2. Head – Building works committee of the Institute
3. Head –Women Empowerment Cell of the Institute
4. Head –Industry Institute Partnership Cell
5. Convener – IIPC Steering Committee
6. Accreditation Steering Committee Member for the Institute – For NBA,NAAC,NIRF and other Ranking
7. Member – Examination committee of the Institute
8. Member – Grievances and Redressal Committee of the Institute
9. Member – Internal Compliance Committee of the Institute
10. Member – Planning and Development Committee of the Institute
11. Member –Malpractice scrutiny Committee
12. Member – Hostel Council
13. Nodal Centre Coordinator for IIRS Outreach Programme
14. Initiated and signed MoU with leading industries and organizations like, NHAI, COCENA, DSOL Global, Sipping Thoughts and many more.
15. Warden for “Women’s Hostel”.
16. Established ASCE Student Chapter at KPR Institute of Engineering and Technology.
17. Head – “Experience Engineering” L & T Sponsored Centre.
18. Convener for the Opening Ceremony of the Mega Event “Experience Engineering”.

BANNARI AMMAN INSTITUTE OF ENGINEERING AND TECHNOLOGY

1. Professor and Head from December 2017 till February 2018
2. Head of the Department (I/c) from September 2014 to November 2017

3. Head of the Department (I/c) from November 2013 to June 2014 and discharged all the responsible duties in the Department of Civil Engineering.
4. Actively organized many events, seminars etc through Women Development Cell of the Institute from 2008 to 2013.
5. Chairman for the Semester End Examinations in BIT.
6. Chairman/ Chief Examiner in Autonomous Board of Valuation for Civil Engg.Board.
7. Chairman for Board of Studies for Civil Board.
8. Member in Standing Committee and Academic Council in BIT.
9. Placement Coordinator for the Civil Engg. Department for more than 5 years.
10. Coordinator of the Industry Relationship Cell in the department.
11. Coordinated and prepared the documents related National Board of Accreditation in the department and obtained five years accreditation for the department.
12. Coordinated the department level NAAC Accreditation works.
13. Coordinated the entire Inter College Project Design Contest in FUTURA 2014 – a National Level Technical Symposium.
14. Coordinator of Women Development Cell of BIT.
15. Coordinator of Enviro Club of BIT.
16. Cluster Coordinator of the entire Social Services related clubs in BIT.
17. Member of the Library coordinating committee in BIT.
18. Faculty coordinator for Civil Engineering Students Association and organized various guest lectures by bringing experts from various leading industries.
19. Member of Confederation of Indian Industries – Indian Women Network.
20. Initiated the process for signing MoU with leading industries for providing training and Placement to the students.
21. Trained faculty members on Revised Blooms Taxonomy.
22. Co-coordinator for FUTURA 2015 – a National Level Technical Symposium and Project Design Contest.
23. Initiated the process for establishing students' chapter with ASCE.
24. Initiated and established Center of Excellence with “Concord Instruments”.
25. Coordinated and revised existing ISO forms as per the requirement of accreditation committee
26. Co-coordinator for FUTURA 2016 & 2017 – a National Level Technical Symposium and Project Design Contest.
27. NBA Cell Coordinator of the Institute.

Grants Received:

- ❖ Awarded with USD 500 from IEEE as a funding support

- ❖ Received a grant of Rs.10,00,000/- from All India Council for Technical Education (AICTE) under MODROBS scheme for modernizing Structural Engineering Laboratory in the Department of Civil Engineering at BIT.

Patents:

- ❖ Published “Potential usage of e-waste in manufacturing tiles with epoxy resin coating”.
- ❖ Published “Namib beetle inspired construction technology for effective fog water harvesting”.
- ❖ Published “Method of converting Ficus exasperata leaf ash (Fela) as supplementary cementitious material for concrete”.
- ❖ Published “Agro based Adsorbents for Iron and Fluoride Removal”
- ❖ Published “Ficus Exasperata Leaf Ash (FELA) in Self-Compacting Concrete” in February, 2024

Publications:

National Journals

1. **Anusha. G.** and Suneeth Kumar, S.M. “Removal of Fluoride from aqueous solution using almond shell as adsorbent”, Environmental Pollution Control Journal, Vol. 14, No. 3 ,pp 18-20, 2011.
2. **Anusha. G.** and Suneeth Kumar, S.M. “Removal of Iron from wastewater using gooseberry seed (big) as adsorbent” ,Indian Journal of Science and Technology, Special issue , pp. 13, 2010.
3. **Anusha. G.,** Raja Murugadoss, J. and Raju, P. “Adsorption of Fluoride from Aqueous solution using Emblica Officinalis seeds as adsorbent”, Indian Journal of Engineering Science and Technology, Vol. No. 5, No. 1 Jan – June 2011 (**SCI**).

International Journals:

1. **Anusha. G,** Dineshkumar Rajan, “An Integrated service life prediction model for chloride-induced corrosion in reinforced concrete structures”, “European Journal of Environmental and Civil Engineering”
2. **Anusha. G,** Logeswaran Selvaraj, Sampathkumar Velusamy, Anandakumar Subbaiyan, “Eco- friendly paver blocks with geotextiles for pedestrian footpaths and smart materials for bus station infrastructure”, “Revista Materia”
3. **Anusha. G,** Logeswaran S, Bhuvaneshkumar M, Anandakumar S, “Prioritising bus station operational factors using machine learning- based principal component analysis”, “Emerald publishing,
4. **Anusha. G,** Anandaraj Subramaniam, Shaniya Shanavas, Karthik Shanmugam, Saravanakumar Ramasamy, “Influence of Glass Powder in strength and durability performance of Sisal Fiber Reinforced Concrete”, “Revista Material, V.29 N.4, 2024
5. **Anusha. G,** Venkat Raman S*, Naveen Kumar S, Jegan S and Kailash Krishnan K “Retrofitting of Thermally Affected Structural Compression Member Using Basalt FRP Laminates”, “E3S Web of Conferences, Vol 529, I , B 1-E 8, 2024”

6. **Anusha. G**, Manoj Kumar Sharma, Somarouthu V. G. V. A. Prasad, Abhijeet Das, M. Sambathkumar, “Tech-Driven Solutions for Environmental Conservation by AI Collaboration Processes”, “Environmental Applications of Carbon-Based Materials, Vol , I , B 1-E 29, 2024”
7. **Anusha. G**, K. E. Viswanathan, K. Dhivya, S. Anandaraj “Photocatalytic Degradation of Acetaminophen Using Carbon-TiO₂ Nanocatalyst Extracted from Hibiscus Flower under Visible Light”, “Journal of Environmental Nanotechnology, Vol 13, I 3, B 353-E 360, 2024”
8. **Anusha. G**, S. Venkat Raman, A. Alex Livingston Raja, S. Anandaraj, K. Gowtham, V. Gopi Krishnan, T. Karthick, “Investigation on Flexural Behavior of HFRC with Partial Replacement of Nano Silica and Slag Cement”, “Journal of Environmental Nanotechnology, Vol 13, I 3, B 230-E 236, 2024”
9. **Anusha. G**, S. Venkat Raman, J. Ajithkumar, T. Karthick, R.K. Harish, “Experimental study on RPC containing zircon sand and sillimanite at elevated temperatures”, “Materials Today: Proceedings, 2023”
10. **Anusha. G**, R Dineshkumar, “Study on paver blocks using waste plastics and sugarcane bagasse ash”, “ Materials Today: Proceedings”, 2022
11. **Anusha. G**, Mr.M.Vijayakumar, Mr.M.Athipathy , Dr.P.Krishnakumar, “Experimental Investigation on Paver Block by Using Plastering Sand with Partial Replacement of Fine Aggregate”, “Mathematical Statistician and Engineering Applications”, Volume 71, Issue 4, pp Page Number: 8555-8559, 2022
12. **Anusha. G**, M. Vijayakumar “Experimental Investigation on Paver Block by Using Plastering Sand with Partial Replacement of Fine Aggregate” Mathematical Statistician and Engineering Applications, Volume 71, Issue 4, pp 8555-8559, 2022.(**Impact Factor 0.01**)
13. **Anusha. G**, A k Priya et al “Removing microplastics from wastewater using leading-edge treatment technologies: a solution to microplastic pollution—a review, Bioprocess and Biosystems Engineering”, Volume 46, Issue 5 ,pp 309-321 (Impact Factor 3.434), 2023. (SCI)
14. **Anusha. G**, S. Anandaraj et al, “Effects of using White Flour, Zinc oxide and Zinc ash as an admixture in Mortar and Concrete”, “Materials today Proceeding”
15. **Anusha. G**, S. Anandaraj et al, “Strength properties of Luffa Fibre reinforced concrete containing RHA as cement replacement”, Materials today Proceeding”, 2022
16. **Anusha. G**, S.M. Suneethkumar, “H₂S Strip Test, a User-Friendly Method to Find Faecal Coliforms in Water Quality Analysis –a Case Study”, International Research Journal of Engineering and Technology, Volume: 08, Special Issue/ Oct 2021

17. **Anusha. G,** K Maruthi venkatesh, P.D. ArumaiRaj, “Bio Remediation of Petroleum Contaminated Landfill Dump Sites”, IOP Conf. Series: Materials Science and Engineering 1145 (2021) 012010 IOP Publishing doi:10.1088/1757-899X/1145/1/012010
18. **Anusha. G,** K Maruthi venkatesh , M Aravind , S Ramakrishnan. “Microbial Composting”, IOP Conf. Series: Materials Science and Engineering 1145 (2021) 012019 IOP Publishing doi:10.1088/1757-899X/1145/1/012019
19. **Anusha. G,** S Ramakrishnan , K Kirupasankar , C Venkatesh , S Pradeep,”A Study on the Water Quality Assessment of Bhavani River in Tamil Nadu”, IOP Conf. Series: Materials Science and Engineering 1145 (2021) 012068 IOP Publishing doi:10.1088/1757-899X/1145/1/012068
20. **Anusha. G,** R Dharmaraj , S Anandaraj , S Yamini , P D Arumairaj , Ramakrishnan and M Saravanan, “Experimental Study on Properties of Concrete Paver Blocks by Partially Replacing Cement with Granite Powder”, IOP Conf. Series: Materials Science and Engineering 1145 (2021) 012074 IOP Publishing doi:10.1088/1757-899X/1145/1/012074.
21. **Anusha. G,** S. Anandaraj, N. Deepa , P. Manoj Kumar, R. Gobinath , A.R. Krishnaraja , M, Harihanandh , S. Sandeep Karthick , “An Experimental Investigation of Marble Dust in Luffa Fibre Reinforced Concrete”, OP Conf. Series: Materials Science and Engineering 1145 (2021) 012100 IOP Publishing doi:10.1088/1757-899X/1145/1/012100
22. **Anusha. G,** R Subashree, S Nagaraj, “Investigation of coagulation activity of lemon and banana peel powder in water treatment”, ICRRDESH-17, 2018
23. **Anusha. G,** Subashree R and Surya Praba N , “Investigation of coagulant activity of lemon and banana peel powder in water treatment”, International Journal of Advance Research in Science and Engineering, volume 6, Issue 10. pp 852-855,2017
24. **Anusha. G,** Subashree R and Surya Praba N , “ Treatment of wastewater using banana and lemon peels as adsorbents”,International Journal of Engineering, Technology Science and Research,volume4, Issue 9. pp 1289-1292,2017
25. **Anusha. G,** “Modelling using Matlab for Nickel Removal by Adsorption” International Journal of printing, packaging and Allied Sciences,Vol. 4, No. 5, pp 3448-3452,2017
26. **Anusha. G,** Arun., M “Ooty Lake Remediation by Bio Ozolyte” Asian Journal of Research in Social Sciences and Humanities “,Vol.7,No.1,pp 1305-1309,2017
27. **Anusha. G,** “Remediation of Ooty lake through Bio – Ozolyte process in Udthagamandalam Block “Indian Journal of Geo Marine Sciences” volume 45, Issue 9,pp 1879-1882 (Scopus H Index 7) (SCI).
28. **Anusha. G.,** Raja Murugadoss., J “Feasibility studies on the removal of Iron and Fluoride from Aqueous Solution using shells of Limonia Acidissima as Adsorbent “Indian Journal of Geo Marine Sciences” , volume 46, Issue 6, pp 1226-1229 (Scopus H Index 7) (SCI).

29. **Anusha. G.**, Raja Murugadoss., J “Adsorption of fluoride and iron from aqueous solution using almond shell as adsorbent” International Journal of Applied Engineering Research, Volume 10, Issue 4, pp. 32437 – 32442, 2015 (Scopus H Index 9)
30. **Anusha. G.**, Raja Murugadoss., J “Studies On The Adsorption Of Fluoride And Iron From Aqueous Solution Using Limonia Acidissima As Adsorbent” International Journal of Industrial Pollution Control, Volume 31, Issue 1, pp 47 – 50 (Scopus H Index -11, NAAS score -4.9, Impact Factor 0.15) (SCI).
31. **Anusha. G.**, and Suneeth Kumar, S.M. “Adsorption of Iron from aqueous solution using small gooseberry seed as adsorbent”, Pollution Research Journal, Vol.30, No.3, pp. 361-363, 2011. (Scopus H Index -20, NAAS score -4.75, Impact Factor 0.12)
32. **Anusha. G.**, Raja Murugadoss., J “Modeling for removal of nickel and lead from industrial wastewater by adsorption, Journal of Water pollution and purification Research, Volume 1, Issue 3, pp. 13 -17, 2014.
33. **Anusha. G.**, Raja Murugadoss., J “Adsorption of Iron from Aqueous solution using Almond shell as adsorbent” International Journal of Scientific Research Vol. 3 Issue: 10, pp. 2067-2069, 2014.(Impact Factor 1.8651)
34. **Anusha. G.**, Raja Murugadoss., J “Adsorption of Fluoride from Agro Based Adsorbent” International Journal of Science and Research Vol. 3 Issue 9, pp. 1-3, 2014.(Impact factor 3.358)
35. **Anusha. G.**, Jeyaraman, A., and Saravanan, M. “Comparative study on M –sand concrete and Nano Silica with M- sand Concrete”, International Journal of Scientific Engineering and Technology Research, Vol. 3(3), pp 0444 -0448, 2014.(Impact Factor 0.805)
36. **Anusha. G.**, Jeyaraman, A., Senthil Kumar, V., and Saravanan, M. “Optimization of partially replacement on natural sand and ordinary Portland cement by M – sand and lime stone powder”, International Journal of Engineering Sciences and Research Technology, Vol. 3(3), pp 1270 -1276, 2014.(Impact Factor 1.852)
37. **Anusha. G.**, Raja Murugadoss, J. and Raju, P. “Adsorption of Fluoride from Aqueous solution using Limonia Acidissima seeds as adsorbent”, The Asian Review of Civil Engineering, , Vol 1. No.1, pp. 15-18, 2012.
38. **Anusha. G.**, and Suneeth Kumar, S.M. “Adsorption of Iron from aqueous solution using Limonia Acidissima fruit shell activated carbon as an adsorbent”, Nature Environment and Pollution Technology Journal, Vol.10, No .4, pp. 637-638, 2011(Scopus H Index -5, NAAS score -4.94, Impact Factor 1.61) (SCI).

National Conferences:

1. **Anusha. G.**, Arun. M., Kaviarasu, G., Krishnan.R., “ Potential use of Granite powder as a replacement of cement during manufacturing of Paver Blocks” Proceeding of the National

Conference on Latest Emerging Trends and Sustainable Development in Civil Engineering pp.105-108, 2017

2. **Anusha. G.**, R. Arivalazhagan and R, Dehin Kannan. “ Comparative study on various types of composting” Proceeding of the National Conference on Latest Emerging Trends and Sustainable Development in Civil Engineering pp.105-108, 2017
3. **Anusha. G.**, and Sangavi, T. “ Municipal Solid Waste Management Using Effective Microorganisms” Proceeding of the National Conference on Latest Emerging Trends and Sustainable Development in Civil Engineering pp.236 – 241, 2015
4. **Anusha. G.**, and Keerthana, S., “Domestic Waste Water Treatment” Proceedings of the National Conference on “Ecotechnologies and Future Horizons”, 21 – 22 January 2014.
5. **Anusha. G.**, Raja Murugadoss, J. and Raju, P. “Adsorption of Fluoride from Aqueous solution using Emblica Officinalis seeds as adsorbent”, Proceedings of the National Conference on “ Novel Techniques for mitigation of vital pollutants in Environmental Systems”, 2012.
6. **Anusha. G.**, and Suneeth Kumar, S.M. “Removal of Fluoride from wastewater using marigold flower sludge as adsorbent”, Proceedings of the National Conference on water resource and wastewater management, pp 66, 2010.
7. **Anusha. G.**, and Jayanthi, J. “Removal of heavy metals from Industrial waste water”, Indian Desalination Association, Proceedings of the National Symposium on “water for all”, on 5-6 Feb. 2009.

International Conferences:

1. Anusha. G, Dinkeshkumar.R, Prasath S, Prasanth M, Sanjita. S, Boominathan D, Yasvanth E, “Investigation on Corrosion rate in reinforced cement concrete”, AIP Conference Proceedings, 12th June 2025
2. **Anusha. G.**, S. Venkat Raman, Naveen Kumar S, Jegan S, Kailash Krishnan K, “Retrofitting of thermally affected structural compression member using basalt FRP laminates”, ICSMEE'24 in May 2024
3. **Anusha. G.**, “Retrofitting of Thermally affected structural compression member using Basalt FRP Laminates” at International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE' 24) in May 2024
4. **Anusha. G.**, “Environmental study on sisal fiber reinforced concrete using glass powder as cement replacement” at 3rd International Conference on Digital tools and Technologies for sustainable construction- DigiTechCon '24 in April 2024
5. **Anusha. G.**, “Strengthening of weak soil using C&D waste in stone columns” at 3rd International Conference on Digital tools and Technologies for sustainable construction- DigiTechCon '24 in April 2024

6. **Anusha. G**, “Performance of geo- polymer 3D printing concrete under ambient curing”, “AIP conference Proceedings” in September 2023.
7. **Anusha. G**, “Steel slag's effect on concrete mechanical properties and durability”, “Second International conference on Construction materials and structures” in December 2022.
8. **Anusha. G**, “An Investigation on partial replacement of cement by using food waste”, “Second International conference on Construction materials and structures” December 2022.
9. **Anusha. G**, Maruthi Venkatesh.K, “Microbial Composting”, International Conference on Advances in Computing Communication, Automation and Biomedical Technology” December 2020.
10. **Anusha. G**, Maruthi Venkatesh.K, “Bio Remediation of Petroleum contaminate landfill site”, International Conference on Advances in Computing Communication, Automation and Biomedical Technology, December 2020.
11. **Anusha. G**, Mohanraj. A and Karthiga. N, “Sustainable Building – A Case study on Bannari Amman Institution”, International Conference on Construction, Real Estate, Infrastructure and Project Management (NICMAR, Pune), November, 2017.
12. **Anusha G**, Subashree R and Surya Praba N , “Investigation of coagulant activity of lemon and banana peel powder in water treatment”, International Conference on Recent research development in Environment, Social Sciences and Humanities , Indian Federation of United Nations Associations, New Delhi, October 2017
13. **Anusha G**, Subashree R and Surya Praba N ,” Treatment of wastewater using banana and lemon peels as adsorbents”,” International conference on Science, Technology & Management”, Institution of Electronics and Telecommunication Engineers, Bangalore September 2017
14. **Anusha. G.**, “Potential use of Granite powder as a replacement of cement during manufacturing of Paver Blocks”, International Conference on “ Recent Trends in Mechanical and Civil Engineering”, March 2017
15. **Anusha G.**, “Treatment of Sewage Water discharged into ooty lake through Kodappaund Channel” International Conference on Contaminated Site Remediation 2016, Tamilnadu Agricultural University, December 2016
16. **Anusha, G.** “ Bioremediation of Ooty Lake” International Conference on Environmental Impact in Manufacturing, Biotechnology and Construction -2016, USA through virtual participation, September 2016.
17. **Anusha, G.** “Adsorption of Fluoride and Iron from Aqueous Solution using Almond shell as Adsorbent” Proceedings of the International Conference on Sustainable Practices in Civil Engineering (Spice 2015)
18. **Anusha, G.**, and RajaMurugadoss, J “Adsorption of Iron and Fluoride from Aqueous Solution Using Pruns Dulcis as Adsorbent” International Conference on “Green Technology for Environmental Pollution Prevention and Control” NIT, Trichy, 2014.

19. **Anusha, G.,** and Raja Murugadoss, J. and Raju, P. “Removal of Iron from aqueous solution using almond shell as adsorbent” , Proceedings of the International Symposium on Environmental Risk Assessment, Bharathiyar University, pp 154, 2012.
20. **Anusha, G.** “Removal of Iron from wastewater using bale fruit shell as adsorbent”, Proceedings of the International Conference on Environmental Science and Technology-Singapore, Vol.2, pp 258-260, 2011.
21. **Anusha, G.** and Suneeth Kumar, S.M. “Removal of Iron from wastewater using gooseberry seed (big) as adsorbent”, Proceedings of the International Conference on Global Environment and its sustainability: Implications and strategies, pp 13, 2010.
22. **Anusha, G.** and Suneeth Kumar, S.M. “Removal of Iron from wastewater using marigold flower sludge as adsorbent”, Proceedings of the International Conference on Environmental pollution water conservation and health, Bangalore University, pp 66, 2010.
23. **Anusha, G.,** Suneeth Kumar, S.M., and Jayanthi, J. “Modeling for Removal of Contaminants from Industrial Waste Water by Adsorption”, proceedings of International Conference on “Current and future state of water resources and the environment”, pp.9 January 2010. (IITM)
24. **Anusha. G.** Presented a paper in the International Conference on “Emerging Trends in Environmental Research” - ICETER 2009, 14 – 16 August 2009.
25. **Anusha. G.** and Jayanthi, J. “Modeling of Adsorption Data on the Removal of Heavy Metals from Industrial Waste Water”, Proceedings of the International Conference on “Innovations in Civil Engineering – ICE’09”, 21st April 2009.

Memberships in Professional Bodies:

Sl.No.	Society	Membership details
1.	IEEE	Member 100081899
2.	Environmental and Water Resource Institute (EWRI)	Member 970752
3.	American Society for Civil Engineers (ASCE)	ASCE Executive members for the team 2021-2023
4.	International Water Works Association	Member 1624059
5.	Institution of Engineering and Technology (IET)	Life Member MCS A170/1100670816
6.	Indian Institution of Valuers (IV)	Fellow Member 20167
7.	Indian Concrete Institute (ICI)	Life Member 11871
8.	Institution of Engineers (IE)	Life Member 155505-1
9.	Indian Geotechnical Society (IGS)	Life Member CBELM 127
10.	Indian Society for Technical Education (ISTE)	Life member LM 60271
11.	Professional Engineers -ECI	PE/00021/25
12.	International Society for Environmental Information Sciences(ISEIS)	Life Member
13.	Environment &Water Resource Institute	Member
14.	The Society of Innovative Educationalist and Scientific Research Professional (SIESRP)	Life Member

15.	Engineering Professional Society (EPS)	Member
16.	Nature Science Foundation (NSF)	Life Member
17.	Quality Circle Forum of India (QCFI)	Member 049931123815
18.	IAARC (International Association for Automation and Robotics in Construction)	Member

Awards Received:

- Received recognition from **ASCE** for “**Outstanding dedication and commitment**” to ASCE student chapter
- Selected as “**Management Committee Member**” in “**International Water Association (Lake and Reservoir Management Specialist Group)**”
- Received “**Best Head of the Department**” during 2024 from KPR Institute of Engineering and Technology, Coimbatore
- Received “**Engineers Award**” from “Hindu Tamil Thisai” in December 2023
- Received “**Young Achiever Award 2023**” from “Institution of Engineers” in September, 2023
- Received “**Best Head of the Department**” during 2021 from KPR Institute of Engineering and Technology, Coimbatore
- Received “**Certificate of appreciation**” from Journal of water pollution and purification research, for outstanding contribution for the Quality of the Journal
- Received “**Women Achiever Award**” from IGEN during March 2021
- Received “**Remarkable woman Award- 2021**” organized by Remarkable Awards Jaipur
- Received “**The Real Super Woman Award**” from Forever Star India Awards under the category “Teaching and Research” during December 2020
- Received **Inspiring Head of the Department Award** for the outstanding contribution and exemplary achievement in the growth of Civil Engineering department from Madras Journal Series, during September 2020
- Got selected for “**International Best Scientist Award**” organized by VGOOD Admirable Scientist Awards conducted during January 2020
- Received **Best Educator Award** in the category of “HoD- Civil Engineering” from Savyasadhi Educator Award organized by Rythms group, during 2020
- Received “**Young Faculty**” award from Engineering Professional Society during April 2018
- Received “**International Woman Researchers Connect – Highest Research Paper Publication**” award from Arunai International Research Foundation during March 2018
- Received “**Innovative Technological Research and Dedicated Professor**” award from the Society of Innovative Educationalist and scientific Research Professional during March 2018
- Received “**Young Leader**” award from Venus International Foundation during December 2017
- Received “**Young Woman Educator & Scholar Award**” from National Foundation for Entrepreneurship Development (NFED) Women's Day Awards '2017
- Got selected for “**Bharat Yuva Award**” from International Friendship Society in February, 2016
- Received “**Best Paper Award**” for the paper titled “Bioremediation of Ooty Lake” International Conference on Environmental Impact in Manufacturing, Biotechnology and Construction -2016, USA through virtual participation, September 2016

- Received Dr. APJ. Abdul Kalam “**Young Scientist Award**” in VIFFA 2015, organized and presented by Marina Labs during, October, 2016
- Got selected for “**Best Citizens of India Award**” from Best Citizens Publishing House during May, 2016
- Received “**Young Faculty Award**” in VIFFA 2015, organized and presented by Venus International Foundation during, July, 2015
- Received “**Best Innovation**” for developing a product titled “Cargo Bicycle”
- Received “ **ASCE Honorable mention for outstanding activities**” through ACE student chapter
- Received **Outstanding Student Chapter Award** from ICI Coimbatore Chapter and Ultratech Cement
- Received **Special Appreciation Award** from Indian Concrete Institute, New Delhi for dissemination of knowledge through more than 200 webinars

Reviewer in Journal:

- **Reviewer** at ASCE International Conference on “ Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) during February 2025 organized by ASCE India section Northern Region & Punjab Engineering College, Chandigarh
- **Outstanding contribution as Academic Editor during peer review** of the article titled “ 2D Subsurface Electrical Resistivity Investigations for Mineral Exploration of “ , in February 2025
- **Reviewer** for the ASCE International Conference on **Challenges and Innovations for Sustainable Smart Cities (CISSC) 2025, in January 2025**
- **Editor in Editorial board of Civil Journals**, ‘Journal of Transportation Engineering and its Applications’, ‘ Journal of Water Resource Engineering and Pollution Studies’, ‘ Advances in Civil and Structural Engineering’, ‘Journal of Ceramics and Concrete Technology’, ‘ Journal of Research in Civil and Architectural Engineering’, ‘ Recent trends in Civil Engineering and Architecture Planning’, ‘ Journal of Building and Construction Engineering’, Journal of Remote Sensing, Environmental Science & Geotechnical Engineering, ‘ International Journal of Advance Civil Engineering and Technology’
- Outstanding contribution as **Academic Editor** of the article titled “ **Water Quality Monitoring of Tigris and Euphrates basin by using Geographic Weighted Regression (GWR)**”
- **Reviewer** of the manuscript “Progress of Zeolite in Water Softening Treatment” in **Journal of Water Pollution and Purification Research** during November 2024
- **Reviewer** of the manuscript “Steam activated carbon material from the fruit shells of Sterculia foetida for energy and environmental application” in **Journal of Water Pollution and Purification Research** during July 2024
- **Reviewer** of the manuscript “Exploring emerging water disinfection technologies: A focus on hydrodynamic cavitation” in **Journal of Water Pollution and Purification Research** during July 2024

- **Reviewer** of the manuscript “Analysis of Total Hardness of Municipality Water of Amritsar City, Punjab” in **Journal of Water Pollution and Purification Research** during May 2024
- **Reviewer** of the manuscript “Determination of Free Chlorine Water Content in Jalandhar city using Colorimeter” in **Journal of Water Pollution and Purification Research** during May 2024
- **Reviewer** of **Asian Journal of Advanced Research and Reports** for the journal titled “Corruption Menace in Building Construction Industry in Nigeria: Causes and Remedies” in February, 2024
- **Reviewer** in “Singapore International Water Week 2024 Water Convention” during 31st October, 2023
- **Certificate of Excellence in Peer Reviewing** in “BP International” during 2nd October, 2023
- **Reviewer** in “ Water and Development Congress and Exhibition, Rwanda” organized by The International water Associations (IWA)
- **Reviewer** in “Journal of Geography, Environmental and Earth Science International”
- **Reviewer** in “ Global NEST Journal”
- **Certificate of Excellence in Peer Reviewing** in “BP International” during 16th September, 2023
- **Reviewer** of Book on “Advanced Research in Biological Sciences”
- **Reviewer** of Book Chapter on “Radioactive Contamination from the Fukushima Daiichi Nuclear Accident”
- **Reviewer** in “International conference on sustainable design, manufacturing and materials engineering”
- **Reviewer of Excellence** in “Asian Journal of Research and Review in Physics” during 19th August, 2023
- **Reviewer of Excellence** in “Asian Journal of Chemical Sciences” during 10th August, 2023
- **Reviewer of Excellence** in “Asian Journal of Research in Zoology” during 10th July, 2023
- **Reviewer of Excellence** in “International Journal of Environment and Climate Change” during 22nd April, 2023
- **Reviewer** for **Advances in Science, Technology and Engineering Systems Journal (ASTESJ)** during March 12, 2023
- **Reviewer** in International Journal of “Advances in Science, Technology and Engineering Systems Journal”
- **Reviewer** in “Advances in Science, Technology and Engineering Systems” Journal, June 2017
- **Reviewer** in “Global Research and Development Journals” GRD Journals, April 2017
- **Editor and Reviewer** in “World Academy of Science Engineering and Technology”, USA
- **Editor and Reviewer** in “Journal of Water Pollution and Purification Research”, Noida, India
- **Reviewer** of the journal “Shear performance of Polypropylene fiber reinforced high strength self-compacting concrete beams”

Resource person

- **Resource person** for the National level FDP on “**Role of Artificial Intelligence and Automation in Civil Engineering**” organized by Dr. D.Y. Patil Institute of Technology, Pune during 26th March 2025

- **Resource person** for the training program on “**Solid Waste Landfill Design**” organized by NITTTR during 08th October, 2024
- **Resource person** for STTP on “Micro plastics” organized by NITTTR, Kolkata during June, 2024
- **Resource person** for STTP at JSPM Babasaheb Naik College of Engineering on “**Various aspects of environmental pollution and the ways to manage the effect**” during January, 2024
- **Resource person** for the International seminar on “**Application on GIS in Civil Engineering Project**”, at Kumaraguru College of Technology during 2nd November, 2023
- **Resource Person** at St. Vincent Pallotti college of Engineering and Technology during 20th October, 2023 for delivering a guest lecture on “**Waste water treatment process and methods**”
- **Resource person** for delivering a guest lecture on “**Micro plastics- The biggest threat**”, organized by Mastering up during 18th October, 2023
- **Resource person** for FDP and delivered a speech on “Recent advancement in water treatment- 2022 (RAWt-2022)” at KPR Institute of Engineering and Technology
- **Resource person** for the conference “Performance of Geo-Polymer 3D Printing Concrete under Ambient Curing”, at KPR Institute of Engineering and Technology during March 24, 2022
- **Resource Person** for an FDP on “Outcome based Education” at VELS University, Chennai during December 2022
- **Resource Person** for an FDP titled “Current trends in Civil Engineering” at BMS Institute of Technology and Management , Bangalore during April 2021
- **Resource Person** for a webinar titled “Advances in wastewater treatment ”at Ranganathar College of Engineering, Coimbatore during March 2021
- **Resource Person** for a webinar “E- Waste Management” organized by Nanjiah Lingammal Polytechnic College, Coimbatore during July, 2023
- **Resource Person** for a webinar “Uyarvuku Uyar Kalvi” organized by The Hindu –Tamil Thisai on 30.07.20
- **Resource person** for the workshop “Preparation of NBA Accreditation documents” during 30.08.2018 at Nehru College of Engineering and Technology Coimbatore
- **Resource person** for the workshop on “Outcome based Accreditation” conducted by Nehru College of Engineering and Research Centre, Pampadi on 27.06.2018
- **Resource Person** for the Faculty Development Programme on “Environmental Management for Sustainable Development” during 17th to 21st April 2017
- **Resource Person** for the workshop on “NBA Accreditation Process” held at Vimal Jothi Engineering College, Kannur during March, 2015
- **Session Chair** for FDP Program in “Futuristic Trends in Civil Engineering (FTICE-2-23)” at Maari Laxman Reddy Institute of Technology and Management, Hyderabad during March 17th , 2023

Book and Book Chapter Publication

- Published the book titled “**An Introduction to Bus Station Design- Traffic Engineering Perspectives**” under Scientific International Published House
- Published the book titled “**Wastewater Treatment by adsorption**” under LAMBERT Academic Publishing

- Published the book chapter titled “**Current Innovations in Chemical and Material Sciences**” in “BP International”

Editorial Board Member

- **Editorial Board Member** of HBRP Publication for “Journal of Sustainable Construction Engineering and project Management ”
- **Editorial Board Member** in “Elite Club of SDI Editors”
- **Editorial Board Member** in “International Conference on Innovations in Engineering Science and Management”
- **Editorial board member** in “VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering”, Kanpur

Other Credentials

- International Committee Member of International Conference on Recent Advances in Engineering and Computer Applications (ICRAECE)
- Certified as **student coach** from Mindpriests Research and Development Pvt Ltd
- Contributing articles to the magazine “ **Mind is Wealth**”
- Elected as the **Management Committee members** of the **IWA Lake and Reservoir Management SG**
- Completed “**Lead Auditor Course**” and cleared the examination on “ISO 14001:2015 Environmental Management Systems” organized by **QCS Management Pvt Ltd** during December 2023
- Completed **NPTEL TALG** Certification course with **Elite Grade** during July- August, 2023
- Certificate of Appreciation in “**Advances in Science, Technology and Engineering System Journal**” during 9th October, 2023
- Executive Committee member in **ASCE Student Chapter**
- Executive Committee Member in **ICI Student Chapter**
- **Special Panel Jury** for Toycathon 2021
- National Advisory Committee member in **ICRTMDR**
- National Advisory Committee member in **ICMPET**
- **Expert committee member** for NBA Accreditation during 18.07.2018 to 20.07.2018 at Nehru College of Engineering and Technology Coimbatore
- **National Advisory Committee member** in “International Conference on Recent Advances in Information Technology and Computing” conducted by APC Mahalakshmi College of Engineering for Women during December 2017
- Conference outreach committee member “**International Conference on Applied Science Engineering and Technology**” organized by Sri Sairam College of Engineering, Bangalore and Institute for Engineering Research and Publication, May 2017
- National Advisory committee member “**International Conference on Emerging Technology in Structural Engineering**” to be held at Nagpur during March 2017
- **International Scientific Committee Member** in “International Conference on Food and Bio systems Engineering” organized by Technological Educational Institute, Greece

- Selected for Oral presentation in “**International Conference on Environmental Science and Technology**” at USA during 2016 & 2018
- Presented paper in “International Conference on Environmental Science and Technology” at Singapore during 2011
- **Advisory Committee Member** in “National Conference on Advances in Building and Construction Materials” organized by Indian Concrete Institute along with Nandha Engineering College
- **Advisory Committee Member** in “International Conference for concrete vision for humanity” organized by Association of Consulting Civil Engineers (I) along with Ranganathan Engineering College during March, 2016
- Received 5 years Accreditation from NBA for the department under Tier 1 (The first Self Financing College (Department) to receive 5 years’ accreditation for Civil Engineering programme under Tier 1