

## **CURRICULAM VITAE**

**Name** : **Dr. P. MAGESHKUMAR**

**Sex** : Male

**Date of Birth & Age** : 25.06.1985 / 37

**Father's Name** : R. Periyasamy

**Permanent Address** : No. 166-1, P.S.K Nagar,  
Paramathy & (PO),  
Namakkal (Dt) – 637207.

**Mobile Number** : +91 9894985719

**E-mail** : mageshee@gmail.com

**State of Domicile** : Tamilnadu, India



### **Academic Record :**

<b>COURSE</b>	<b>INSTITUTION</b>	<b>BOARD / UNIVERSITY</b>	<b>PERIOD OF STUDY</b>	<b>PERCENTAGE OF MARKS</b>
Post Doctorate (N-PDF)	K.S.Rangasamy College of Technology, Tiruchengode	Science and Engineering Research Board (SERB), DST, New Delhi	2017-2019	--
Ph.D. (Civil Engg.)	Kongu Engineering College, Perundurai	Anna University, Chennai	2010-2017	--
ME (Environmental Engg.)	College of Engg, Guindy, Anna University, Chennai	Anna University, Chennai	2007 - 2009	8.73 (CGPA) I Class with Distinction
BE (Civil Engg.)	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai	2002 - 2006	76.24 % I Class with Distinction
HSc	Vidhya Vikas Hr. Sec. School, Tiruchengode	State Board, Tamilnadu	2002	90.58 %
SSLC	Sri Ramamoorthi High School, Vasanthapuram	State Board, Tamilnadu	2000	84.6 %

- GATE Score** : 233 (GATE 2007)
- Project Work (UG)** : 1. Water Resources Analysis of Vattamalaikarai River Basin Using GIS  
2. Assessment of Ground Water Quality of Erode Taluk Using GIS
- Project Work (PG)** : Modelling of Chlorophyll-a Concentrations in Pulicat Lagoon Using Artificial Neural Network (ANN)
- Ph.D Thesis** : GIS Based Hydrogeological Studies and Groundwater Level Modelling using ANN in Rasipuram Taluk, Tamilnadu, India
- Post Doctoral Research** : Integrated Artificial Neural Networks and Multivariate Statistics for Modelling and Prediction of Cauvery River Water Quality

**Experience in Teaching and Research as on 30.11.2022:**

Sl. No.	Name of the College	Designation & Department	Period		Experience		
			From	To	Years	Months	Days
1.	Kongu Engineering College	Lecturer / Civil Engineering	22.06.2009	31.07.2010	1	01	10
2.	Kongu Engineering College	Assistant Professor / Civil Engineering	01.08.2010	21.05.2012	1	09	21
3.	K.S.Rangasamy College of Technology	Assistant Professor / Civil Engineering	23.05.2012	12.09.2017	5	03	21
4.	K.S.Rangasamy College of Technology	National Post Doctoral Fellow (SERB, New Delhi)	13.09.2017	12.09.2019	2	00	00
5.	K.S.Rangasamy College of Technology	Assistant Professor / Civil Engineering	13.09.2019	Till Date	3	02	18
<b>Total Experience</b>					<b>13</b>	<b>05</b>	<b>10</b>

### **Experience in Industry: 3 Years**

Sl. No.	Name of the Industry	Designation	Period		Experience	
			From	To	Years	Months
1	Ridge Contracts	Site Engineer	22.05.2006	31.07.2007	1	2
2	Ridge Contracts	Design Engineer	01.08.2007	31.05.2009	1	10
<b>Total Experience</b>					<b>3</b>	<b>0</b>

### **Awards & Honors Received:**

1. Received “**Best Researcher Award**” from Kumari Mangrove Foundation, Nagercoil during KMF Awards 2022 on 05.09.2022.
2. Received “**International Eminent Researcher Award 2022 in Environmental and Water Resources Engineering**” from Center for Professional Advancement, Vijayawada during the International Academic Excellence Awards 2022 Conferred on July 22.07.2022 in the International Conference Mysore 2022.
3. Received “**Best Young Scientist Award**” from Novel Research Academy, Pondicherry on 09.11.2019.
4. Received “**Best Young Engineer Award**” from Institution of Engineers (India), Salem during 51<sup>st</sup> Engineers Day celebrations on 15.09.2018.
5. Received “**Dr.APJ Abdul Kalam Award for Young Scientists – 2017**” from Marina Labs - Research and Development, Chennai on 21.10.2017.
6. Received “**National Post-Doctoral Fellowship**” award from Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India on 15.08.2017.
7. Received “**Outstanding Researcher Award**” from Chief Minister of Pondicherry, Thiru.V.Narayanasamy, organized by Top International Educational Trust on 26<sup>th</sup> March 2017.
8. Received **Chartered Engineer (India)** certification from Institution of Engineers (India) in 2016.
9. Received “**Outstanding Teacher Award**” (**Three Times: 2013, 2016 & 2017**) for producing 100% results in end semester examinations at K.S.Rangasamy College of Technology, Tiruchengode.
10. Received an “**Achiever Award**” from Human Rights Protection Organisation (HRPO) for active participation in social activities at Paramathi velur, Namakkal during December 2005.

### **Industrial Trainings:**

1. Undergone field training with Simplex Concrete Piles (I) Ltd at “**Kudankulam Nuclear Power Project**” site, Kudankulam from 23.01.2004 to 02.02.2004.
2. Undergone one week training in Aerial Surveys and Digital Photogrammetry Division, “**National Remote Sensing Agency**”, Hyderabad from 30.05.2005 to 03.06.2005.

### **Membership in Professional Bodies:**

<b>Sl. No.</b>	<b>Name of the Organization</b>	<b>National / International</b>	<b>Membership No.</b>	<b>Year of Entry</b>
1.	Water Supply and Sanitation Collaborative Council (WSSCC)	International	--	2018
2.	Indian Science Congress Association (ISCA)	National	L 35040	2018
3.	International Association of Engineers (IAENG)	International	208978	2018
4.	International Association of Innovation Professionals (IAOIP)	International	52749255	2018
5.	International Association of Hydrological Sciences (IAHS)	International	16419	2018
6.	Indian Society of Systems for Science & Engineering (ISSE)	National	LM 05402	2017
7.	The Institution of Engineers (India) – (IEI)	National	M-154412-2	2016
8.	Indian Water Resources Society (IWRS)	National	LM 2013–7433	2014
9.	Indian Water Works Association (IWWA)	National	LM 7739	2013
10.	Indian Society for Technical Education (ISTE)	National	LM 65444	2009

### **Invited Lectures Delivered:**

1. Delivered a Webinar on “**Wastewater Engineering**” organised by the Department of Civil Engineering, Narasu's Sarathy Institute of Technology, Salem, Tamil Nadu in Association with IEEE NSIT Students Branch & Ensure Society club on 03.06.2021.
2. Delivered a keynote address on “**Applications of Artificial Intelligence in Geotechnical Engineering**” during the AICTE Sponsored 5 days STTP on “Geotechnical Engineering” organized by the Department of Civil Engineering, Velalar College of Engineering and Technology, Erode on 30.10.2020.

3. Delivered a Webinar on “**Artificial Neural Networks in Water Resources Applications**” organized by the Department of Civil Engineering, Gnyanamani Educational Institutions, Namakkal on 19.10.2020.
4. Delivered a keynote address on “**Strategies for Sustainable Environmental Management**” during the one day national seminar on “Sustainable Technologies for Intelligent Water and Environmental Management” organized by the Department of Civil Engineering, Velalar College of Engineering and Technology, Erode on 25.09.2020.
5. Delivered a guest lecture on “**Need for River basin Management**” during the National Seminar on “Integrated River Basin Management” organized by the Department of Civil Engineering, Kongu Engineering College, Perundurai on 06.10.2018.
6. Delivered a guest lecture on “**An Overview on Industrial Effluents**” during the CSIR Sponsored National Seminar on “Fate of Contaminants – Analysis and Treatment” organized by the Department of Civil Engineering, Kongu Engineering College, Perundurai on 05.10.2013.
7. Delivered a guest lecture on “**Environmental Protection Measures during Seismic Hazards**” during the CSIR Sponsored National Seminar on “Challenges in Seismic Hazards and Risk Assessment” organized by the Department of Civil Engineering, Kongu Engineering College, Perundurai on 06.10.2012.

### **Books Published:**

<b>Sl. No.</b>	<b>Title of the Book</b>	<b>ISBN</b>	<b>Publisher</b>	<b>Year</b>
1.	Applied Hydraulic Engineering	978-93-88809-08-5	Thakur Publication Pvt. Ltd., Chennai	2019
2.	Airport, Docks and Horbours	978-93-88413-31-2	Royal Book Publishing-International, Coimbatore	2019
3.	Experimental Methods for Environmental Engineering Laboratory	978-93-88413-36-7	Royal Book Publishing-International, Coimbatore	2019
4.	Construction Materials and Practices	978-93-88413-49-7	Royal Book Publishing-International, Coimbatore	2019

### **Books Chapters Published:**

<b>Sl. No.</b>	<b>Title of the Book</b>	<b>Chapter Title</b>	<b>Page</b>	<b>ISBN</b>	<b>Publisher</b>	<b>Year</b>
1.	Environmental Restoration: Proceedings of the F-EIR Conference 2021	Analysis of Spatial and Temporal Variability of Rainfall Using GIS in Rasipuram Taluk, Tamil Nadu, India	185-197	978-3-030-96201-2, 978-3-030-96202-9 (eBook) <a href="https://doi.org/10.1007/978-3-030-96202-9">https://doi.org/10.1007 / 978-3-030-96202-9</a>	Lecture Notes in Civil Engineering, Springer	2021
2.	Proceedings of the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019)	Ambient Air Quality Monitoring Studies in Four Specific Locations of Tamil Nadu, India	117	978-81-942093-5-5 978-81-942093-6-2	IOR International Press, Coimbatore	2019
3.	Proceedings of the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019)	Study on Strength Properties of Basalt Fibre Reinforced Concrete With Partial Replacement of Cement as Metakolin	61	978-81-942093-5-5 978-81-942093-6-2	IOR International Press, Coimbatore	2019
4.	Proceedings of the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019)	Experimental Study on Sand and Cement Replacement by Termite Mound Soil	45	978-81-942093-5-5 978-81-942093-6-2	IOR International Press, Coimbatore	2019
5.	Research Trends in Environmental Science (Volume - 3)	Neural Network Applications in Coastal and Fresh Water Ecosystems	51-66	978-93-5335-492-3 978-93-5335-493-0	AkiNik Publications, New Delhi.	2019
6.	Advances in Civil Engineering (Volume - 2)	A Study on the Analysis of Groundwater Level in Salem Taluk	27-41	978-93-5335-310-0 978-93-5335-311-7	AkiNik Publications, New Delhi.	2019

### **Journal Reviewer Details:**

<b>S. No.</b>	<b>Name of the Journal</b>	<b>ISSN No.</b>	<b>Indexed in</b>	<b>Publisher</b>	<b>Country</b>
1.	Environmental Processes	2198-7491 (Print) 2198-7505 (Online)	SCOPUS	SPRINGER International Publishing	Greece
2.	Sustainable Water	2363-5037 (Print)	ESCI	SPRINGER	USA

	Resources Management	2363-5045 (Online)		International Publishing	
3.	Journal of Earth System Science	2347-4327 (Print) 0973-774X(Online)	SCI, SCOPUS	SPRINGER Nature Switzerland	India
4.	Applied Water Science	2190-5487 (Print) 2190-5495 (Online)	ESCI	SPRINGER International Publishing	Saudi Arabia
5.	Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	2415-6698	SCOPUS	ASTESJ Publications	USA
6.	Environment and Pollution	1927-0909 (Print) 1927-0917 (Online)	CAB Abstracts, Google Scholar	Canadian Centre of Science and Education	Canada

### Patents:

Sl.No.	Title	Inventors	Reference Number	Date of Filing	Current Status
1.	Cement-less ambient cured eco-friendly concrete with natural additives	Dr.M.Kalaivani Dr.S.Ramesh Dr.P.Mageshkumar R.Jagadeesan	201941012323 A	29.03.2019	Publication Stage. Patent Office Journal No. 20/2019 Dated 17/05/2019, Page:20522

### R&D Funds Received from Government Agencies:

Sl. No.	Nature of Funding	Title & Duration	Investigators / Organizers	Name of the Funding Agency	Sanction Reference	Amount (Rs.)
1.	Research Project	Application of Artificial Neural Network in River Water Quality Modelling and Prediction (3 Years)	Dr.S.Anandakumar & <b>Mr.P.Mageshkumar</b>	Council of Scientific and Industrial Research (CSIR)	22/0537/10/E MR II, dated 28.12.2010	10,21,000/-
2.	Seminar Grant	Sustainable Wastewater Treatment and Reuse (11.03.2011)	<b>Mr.P.Mageshkumar</b> & Mr.T.Pradeep	Council of Scientific and Industrial Research (CSIR)	SYM/6053/11-HRD dated 25.01.2011	30,000/-
3.	Seminar Grant	Recent Advancements in Earthquake Resistant Techniques (25.11.2011)	Mr.T.Pradeep, <b>Mr.P.Mageshkumar</b> & Mrs.S.Sharmila	Council of Scientific and Industrial Research (CSIR)	SYM/6544/11-HRD dated 07.10.2011	25,000/-
4.	Seminar Grant	Innovative Site Remediation Techniques	Mr.T.Pradeep, <b>Mr.P.Mageshkumar</b> & Ms.RA.B.Depaa	Department of Science and Technology (DST)	SR/SS/488/20 11-12, dated 19.09.2011	35,000/-
5.	Seminar Grant	Integrated Approaches	Mr.T.Pradeep &	Council of Scientific	SYM/7043/11-	20,000/-

		for Air Quality Management with Main Focus on Small Cities (05.05.2012)	<b>Mr.P.Mageshkumar</b>	and Industrial Research (CSIR)	HRD dated 26.03.2012	
6.	Seminar Grant	Innovative Site Remediation Techniques (19.01.2013)	<b>Mr.P.Mageshkumar &amp; Mr.D.Sivakumar</b>	Council of Scientific and Industrial Research (CSIR)	SYM/7541/12-HRD dated 23.10.2012	30,000/
7.	Seminar Grant	Advanced Membrane Bioreactors for Wastewater Treatment (16.03.2013)	<b>Mr.P.Mageshkumar &amp; Mr.S.Sethuraman</b>	Council of Scientific and Industrial Research (CSIR)	SYM/7719/12-HRD dated 24.12.2012	30,000/
8.	Seminar Grant	Renewable Energy Technologies for Rural Development (23.03.2013)	<b>Mr.P.Mageshkumar Dr.N.Ramesh &amp; Mr.S.Ramesh</b>	Council of Scientific and Industrial Research (CSIR)	SYM/8058/13-HRD dated 17.06.2013	30,000/
9.	FDTP	Applied Hydraulic Engineering (CE 2253)	<b>Mr.P.Mageshkumar Dr.G.Vennila &amp; Dr.N.Ramesh</b>	Centre for Faculty Development, Anna University, Chennai.	17/CFD/Winter/FDTP/2013-65 dated 07.11.2013	90,000/-
10.	Seminar Grant	Sustainable Solid waste Management Technologies for Clean India (23.06.2017)	<b>Mr.P.Mageshkumar &amp; Mr.S.Ramesh</b>	Council of Scientific and Industrial Research (CSIR)	SYM/9134/16-HRD dated 06.03.2017	40,000/-
11.	National Post Doctoral Fellowship	Integrated Artificial Neural Networks and Multivariate Statistics for Modelling and Prediction of Cauvery River Water Quality (2 Years)	<b>Dr.P.Mageshkumar</b>	Science and Engineering Research Board (SERB)	PDF/2017/000 253 dated 14.11.2017	19,20,000/-
<b>Total Funds Received (Rs.)</b>						<b>32,71,000/-</b>

### **Publication in National and International Journals:**

1. Thangavelu Arumugam, Sapna Kinattinkara, Drisya Nambron, Sampathkumar Velusamy, anoj Shanmugamoorthy, T. Pradeep, P. Mageshkumar (2022), “**An integration of soil characteristics by using GIS based Geostatistics and multivariate statistics analysis sultan Batheri block, Wayanad District, India**”, Urban Climate, 46, 101339. <https://doi.org/10.1016/j.uclim.2022.101339>.
2. K. R. N Ashwin, S. Arulmozhi, A. Gopalan, P. Mageshkumar, A. Rangaraj, Mukesh Panneerselvam, B. Nirmala Devi, C. Aravindhan, E. Prasath, and Nyagong Santino David Ladu (2022), “**Correlation, Regression Analysis, and Spatial Distribution Mapping of WQI for an Urban Lake in Noyyal River Basin in the Textile Capital of India**”, Advances in Materials Science and Engineering, Volume 2022, Article ID 3402951. <https://doi.org/10.1155/2022/3402951>



3. Raag Harshavardhan P., Anandakumar Subbaiyan, U. Vasavi, Pradeep Thirumoorthy, Mageshkumar Periyasamy, J. Jestena Johney, Rangunathan R., Sudha Pichai Pillai, Sampathkumar Velusamy, and Dhivya Balamoorthy (2022), **“Enhanced Biodegradation of Battery-Contaminated Soil Using *Bacillus sp.* (MZ959824) and Its Phytotoxicity Study”**, Advances in Materials Science and Engineering, Volume 2022, Article ID 5697465, 7 pages. <https://doi.org/10.1155/2022/5697465>.
4. Suchithra Shanmughan, Sampathkumar Velusamy, Jothi Lakshmi Nallasamy, Kothai Palanisamy Selvakumar, Pradeep Thirumoorthy, M. M. Saravanan, Haripriya Sakthivel, Mageshkumar Periyasamy, Ramachandran Kasirajan (2022), **“Critical Study on Corrosion Inhibitors in U-Shaped RCC Beams”**, Advances in Materials Science and Engineering, vol. 2022, Article ID 4762524, 8 pages. <https://doi.org/10.1155/2022/4762524>
5. Senthilkumar Kandasamy, Sampathkumar Velusamy, Pradeep Thirumoorthy, Mageshkumar Periyasamy, Senthilkumar Veerasamy, K. M. Gopalakrishnan, U. Sathish, Vallarasu Kiramani, Fathima Darras Gracy Antrini, Selvakumar Periyasamy (2022) **“Adsorption of Chromium Ions from Aqueous Solutions by Synthesized Nanoparticles”**, Journal of Nanomaterials, vol. 2022, Article ID 6214438, 8 pages. <https://doi.org/10.1155/2022/6214438>
6. Harish R., Ramesh S., Mageshkumar P., Suresh M. (2022), **“Multi-Criteria Decision Making Approach the Suitable Site Selection for Alternate Landfill using RS And GIS Technology in Palani Corporation, Dindigul District, South India”**, Journal of Environmental Protection and Ecology, Vol. 23, Issue 3, pp. 1211-1224.
7. Mageshkumar P., Vennila G., Angu Senthil K. (2022), **“A Multivariate Statistical Approach to Pollution Source Identification in Cauvery River, South India”**, Journal of Water Chemistry and Technology, Vol. 44, Issue 1, pp. 62-71. <https://doi.org/10.3103/S1063455X22010052>.
8. Sudharsan N., Blessy Grant C.J., Murthi P., Poongodi K., Mageshkumar P. (2021), **“A Comparative Experimental Investigation on Laced Reinforced Concrete Beam and Conventional Beam under Monotonic Loading”**, IOP Conference Series: Earth and Environmental Science, Vol. 822, Issue 1, pp. 1-5.

9. Ramesh S., Shyamala G., Ramesh N., Kalaivani M., P.Mageshkumar P., Rajesh Kumar K. (2020), “**Assessment of irrigation water quality in orathupalayam dam, Tamil Nadu, India**”, International Journal of Scientific and Technology Research, Vol. 9, Issue 2, pp. 5399-5403.
10. Mageshkumar P., Ramesh S., Angu Senthil K. (2019), “**Ambient Air Quality Monitoring Studies in Four Specific Location of Tamilnadu, India**”, International Research Journal of Multidisciplinary Technovation, Vol. 1, Issue 6, pp. 677-683.
11. Kalaivani M., Jagadeesan R., Mageshkumar P., Angusenthil K. (2019), “**Study on Strength Properties of Basalt Fibre Reinforced Concrete with Partial Replacement of Cement as Metakolin**”, International Research Journal of Multidisciplinary Technovation, Vol. 1, Issue 6, pp. 378-382.
12. Harish R., Ramesh S., Tharani A., Mageshkumar P. (2019), “**Experimental Study on Sand and Cement Replacement by Termite Mound Soil**”, International Research Journal of Multidisciplinary Technovation, Vol. 1, Issue 6, pp. 279-287.
13. Mageshkumar P. & Vennila G. (2019), “**Assessment of errors in water quality data using ion balancing methods – A case study from Cauvery River, South India**”, Indian Journal of Geo Marine Sciences, Vol. 49, Issue 1, pp. 57-62.
14. Mageshkumar P. & Anandakumar S. (2019), “**Spatial and Temporal Evaluation of Geochemistry of Groundwater for Drinking Purpose using GIS in Rasipuram Taluk, Tamilnadu, South India**”, Journal of Applied Geochemistry, Vol. 21, No. 2, pp. 212-224.
15. Mageshkumar P., Subbaiyan A., Lakshmanan E. & Thirumoorthy P. (2019), “**Application of Geospatial Techniques in Delineating Groundwater Potential Zones – A Case Study from South India**”, Arabian Journal of Geosciences, 12:151. <https://doi.org/10.1007/s12517-019-4289-0>.
16. Ramesh S., Mageshkumar P., Thilagam S. & Nandhini K. (2017), “**Utilisation of Tannery Sludge in Building Construction**”, International Journal of Advanced Science and Engineering, Vol. 3, No.4, pp. 451-454.
17. Tharani A., Harish R., Mageshkumar P. & Ramesh S. (2017), “**Comparative Study on Removal of Heavy Metals from Textile Industry Wastewater using various**

**Adsorbents**”, International Journal of Advanced Science and Engineering Research, Vol. 2, Issue 2, pp-12-22.

18. Vigneshkannan S., Easwaran P., Mageshkumar P. & Ramesh S. (2017), “**Study on Characteristics of Pervious Concrete for Pavement**”, International Journal of Advanced Science and Engineering Research, Vol. 2, Issue 2, pp-1-5.
19. Mageshkumar P., Ramesh S., Mahalakshmi G., Hemalini R. (2017), “**Solar Photocatalytic Treatment of Sewage using Titanium Dioxide**”, International Journal of Advanced Science and Engineering, Vol. 3, No.3, pp. 370-373.
20. Mageshkumar, P, Anandakumar, S, Suresh, M & Ramesh, S (2016), ‘**Hydrochemical analysis of groundwater in Rasipuram Taluk, Tamilnadu, India**’, Ecology Environment & Conservation, vol. 22, no. 2, pp. 1021-1025.
21. Mageshkumar, P, Anandakumar, S, Pradeep, T, Suresh, M & Ramesh, S (2016), ‘**Assessment of the groundwater quality for irrigation purposes in Rasipuram Taluk, Tamilnadu, India**’, Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 10, pp. 547-553. DOI: 10.5958/2249-7315.2016.01033.9.
22. Mageshkumar, P & Anandakumar, S (2016), ‘**Trace element analysis of groundwater from Rasipuram taluk, Tamilnadu, India**’, Journal of Advances in Chemistry, vol. 12, no. 25, pp. 5677-5678.
23. Ramesh N., Ramesh S., Vennila G., Abdul Bari J. & Mageshkumar P. (2016), “**Energy production through organic fraction of municipal solid waste-A multiple regression modeling approach**”, Ecotoxicology and Environmental Safety, Vol. 134, Part 2, pp. 350-357. <https://doi.org/10.1016/j.ecoenv.2015.08.027>.
24. Ramesh S., Shanthi A., Ramesh N., Vennila G., Suresh M. & Mageshkumar P. (2016), “**Assessment of the Hydrogeochemistry of Groundwater Using Multivariate Statistical Analysis in Erode Taluk, Tamilnadu, India**”, Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 9, pp. 561-567. DOI: 10.5958/2249-7315.2016.00818.2.
25. Ramesh S., Vennila G., Ramesh N., Mageshkumar P., Suresh M. and Vijayakumar G. (2016), “**Groundwater vulnerability assessment in Erode Taluk, Tamilnadu, India**”, Ecology Environment & Conservation, vol. 22-suppliment, pp. s283-s286.

26. Ramesh N., Ramesh S., Vennila G., Mageshkumar P. & Mohan Ram S. (2016), **“Efficacy Of Natural Coagulants in Wastewater Treatment aided With Solar Power”**, International Journal of Advanced Science and Engineering Research, Vol. 1, Issue 1, pp. 931-934.
27. Pradeep T. & Mageshkumar P. (2015), **“Study on Durability Properties of Concrete Prepared by using Rice Mill Effluent”**, International Journal of Engineering research and Management, Vol. 02 (02), pp. 127-132.
28. Ramesh S., Vennila G., Ramesh N. & **Mageshkumar P.** (2014), **“Groundwater Quality Assessment for Drinking Purpose in Erode Taluk, Tamilnadu, India”**, Pollution Research, Vol. 33 (4), pp – 801-804.
29. Sathishkumar S., Mageshkumar P., Harini Santhanam, Stalin John M.R. and Amal Raj S. (2013), **“A New Logic Based Model to Predict Nitrate in Groundwater using Artificial Neural Network (ANN)”**, Pollution Research, Vol.32 (3), pp-635-641.
30. Mageshkumar P., Pradeep T. and Anandakumar S. (2013), **“Groundwater Quality Studies of Rasipuram Taluk, Tamilnadu, India”**, Pollution Research, Vol.32 (3), pp-589-593.
31. Mageshkumar P., Harini Santhanam, Stalin John M.R. and Amal Raj S. (2013), **“Modelling of Chlorophyll-A Concentrations in Pulicat Lagoon, Southeast Coast of India Using Artificial Neural Network”**, International Journal of Scientific Research, Vol. 2, Issue 6, pp 189-193. DOI: 10.36106/ijsr.
32. Mageshkumar P., Pradeep T., Stalin John MR., Amalraj S. and Anandakumar S. (2012), **“Neural Network Modelling of TDS Concentrations in Cauvery River Water, Tamilnadu, India”**, Int. Journal of Applied Sciences and Engineering Research, Vol. 1, Issue 6, pp 739-746. DOI:10.6088/ijaser.0020101074.
33. Mageshkumar P., Amal Raj S., (2012), **“Application of Artificial Neural Network in Modelling of Algal Blooms an Overview”**, Elixir Pollution, 42, 6420-6424.
34. Mageshkumar P., Ranga Raj R., (2012), **“Studies on reusability of tertiary treated sewage in a university campus”**, Elixir Pollution, 42, 6425-6428.

## **Publication in National and International Conferences / Seminars:**

1. Presented a paper titled “**Water Quality Indices for Inland Surface Water – A Review**”, in the International Conference on “Recent Advances in Water Science and Technology” organized by Sri Shakthi Institute of Engineering and Technology, Coimbatore from 02.12.2021 to 03.12.2021.
2. Presented a paper titled “**Analysis of Spatial and Temporal Variability of Rainfall Using GIS in Rasipuram Taluk, Tamil Nadu, India**”, Environmental Restoration. F-EIR 2021. Organized by Federation of Environmental Issues and its Remediation from 18.10.2021 to 22.10.2021.
3. Presented a paper titled “**Development of Green Masonry Mortar using Fine Recycled Aggregate based on the Shear Bond Strength of Brick Masonry**”, Environmental Restoration. F-EIR 2021. Organized by Federation of Environmental Issues and its Remediation from 18.10.2021 to 22.10.2021.
4. Published a paper titled “**Ambient Air Quality Monitoring Studies in Four Specific Locations of Tamil Nadu, India**” in the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019) organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 28.08.2019 to 29.08.2019.
5. Published a paper titled “**Study on Strength Properties of Basalt Fibre Reinforced Concrete With Partial Replacement of Cement as Metakolin**” in the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019) organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 28.08.2019 to 29.08.2019.
6. Published a paper titled “**Experimental Study on Sand and Cement Replacement by Termite Mound Soil**” in the International Conference on “Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things” (ICSAIOT - 2019) organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 28.08.2019 to 29.08.2019.

7. Published a Paper titled “**Application of Artificially Synthesized Aggregate using Fly Ash to Promote Light Weight Concrete**” in IEEE 2<sup>nd</sup> International Conference on Environmental Management and Green Technologies, St. Peter’s College of Engineering and Technology, Chennai from 27.09.2017 to 29.09.2017.
8. Published a Paper titled “**Comparative Study on Removal of Heavy Metals from Textile Industry Wastewater using various Adsorbents**” in 6<sup>th</sup> International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS), Al-Ameen Engineering College, Erode, Tamilnadu, India on 08.04.2017.
9. Published a Paper titled “**Study on Characteristics of Pervious Concrete for Pavement**” in 6<sup>th</sup> International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS), Al-Ameen Engineering College, Erode, Tamilnadu, India on 08.04.2017.
10. Published a Paper titled “**Efficacy of Natural Coagulants in Wastewater treatment Aided with Solar Power**” in 5<sup>th</sup> International conference on Advances in Computing, Control, Communication, Automation and Structural Engineering, Al-Ameen Engineering College, Erode, Tamilnadu, India on 07.05.2016.
11. Published a Paper titled “**Solar Photocatalytic Treatment of Sewage using Titanium Dioxide (TiO<sub>2</sub>)**” in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability, Mahendra Engineering College, Mallasamudram, Namakkal on 07.04.2016.
12. Published a Paper titled “**Assessment on the Impact of Industrial Effluents on Groundwater Quality in Erode, Tamilnadu**” in the National Conference on “Biotechnology Tools and Techniques in Wastewater Management” at K.S.Rangasamy College of Technology, Tiruchengode, Tamilnadu from 03.02.2015 to 04.02.2015.
13. Published a Paper titled “**Identification of Pollutants and its Impact on Groundwaters of Rasipuram Taluk, Tamilnadu**” in the National Conference on “Biotechnology Tools and Techniques in Wastewater Management” at K.S.Rangasamy College of Technology, Tiruchengode, Tamilnadu from 03.02.2015 to 04.02.2015.

14. Published a Paper titled **“Energy Production Through Organic Fraction of Municipal Solid Waste – A Multiple Regression Modelling Approach”** in the International Conference on “Green Technology for Environmental Pollution and Control (ICGTEPC 2014)” at National Institute of Technology, Trichy, Tamilnadu from 27.09.2014 to 29.09.2014.
15. Published a Paper titled **“Hydrochemistry and Quality Assessment of Groundwater in Erode Taluk, Tamilnadu, India”** in the International Conference on “Green Technology for Environmental Pollution and Control (ICGTEPC 2014)” at National Institute of Technology, Trichy, Tamilnadu from 27.09.2014 to 29.09.2014.
16. Published a Paper titled **“Geochemical Analysis of Groundwater in Erode Taluk, Tamilnadu”** in the National Conference on Advances in Computing, Control, Communication and Structural Engineering (ACCCAS-2014), Al-Ameen Engineering College, Erode. 2014.
17. Presented a Paper titled **“Neural Network Applications in Groundwater Studies – A Review”** in the National Conference on “Innovations in Mechanical, Mechatronics and Building Sciences” (NCIMMBS – 2014) at Kongu Engineering College, Perundurai, Tamilnadu on 07.03.2014.
18. Published a Paper titled **“Experimental Study on SIFCON Beam with RC Section”** in the National Conference on “Innovations in Mechanical, Mechatronics and Building Sciences (NCIMMBS 2013)” at Kongu Engineering College, Perundurai, Tamilnadu from 25.04.2013 to 26.04.2013.
19. Presented a Paper titled **“Performance of Reverse Osmosis System in Treating & Disposing the Industrial Wastewater”** in the International Conference on “Construction, Manufacturing and Automation Research (INCACMA-12)” at Kongu Engineering College, Perundurai, Tamilnadu from 30.03.2012 to 31.03.2012.
20. Presented a Paper titled **“Life Cycle Assessment of Spirit”** in the International Conference on “Construction, Manufacturing and Automation Research (INCACMA-12)” at Kongu Engineering College, Perundurai, Tamilnadu from 30.03.2012 to 31.03.2012.

21. Presented a Paper titled “**Experimental Investigation of RC Beams Strengthening by Ferrocement Laminates**” in the International Conference on “Construction, Manufacturing and Automation Research (INCACMA-12)” at Kongu Engineering College, Perundurai, Tamilnadu from 30.03.2012 to 31.03.2012.
22. Presented a Paper titled “**Modelling of Primary Production in Coastal Lagoons Using Artificial Neural Network**” in the National Conference on “Innovations in Mechanical, Mechatronics and Building Sciences” (NCIMMBS – 2011) at Kongu Engineering College, Perundurai, Tamilnadu from 29.04.2011 to 30.04.2011.
23. Published a Paper titled “**Performance Evaluation of Reverse Osmosis System in Nickel Plating Industry – A Case Study**” in the National Conference on “Innovations in Mechanical, Mechatronics and Building Sciences” (NCIMMBS – 2011) at Kongu Engineering College, Perundurai, Tamilnadu from 29.04.2011 to 30.04.2011.
24. Published a Paper titled “**Application of Artificial Neural Network in Modelling of Algal Bloom in Coastal Lagoons – A Case Study**” in the International Conference on “Biotechnology and Global Warming” (ICBGW – 2011) at Vivekanandha College of Engineering for Women, Tiruchengode, Tamilnadu from 10.03.2011 to 12.03.2011.
25. Published a Paper titled “**An Experimental Evaluation of Reverse Osmosis System Performance in Electroplating Industrial Wastewater**” in the International Conference on “Biotechnology and Global Warming” (ICBGW – 2011) at Vivekanandha College of Engineering for Women, Tiruchengode, Tamilnadu from 10.03.2011 to 12.03.2011.
26. Presented a paper titled “**Waste Management in Building Construction**” in the National Conference on “CONSTRUCT’ 10” at St. Xavier’s Catholic College of Engineering, Nagercoil on 12.03.2010.
27. Presented a paper titled “**Application of Artificial Neural Network in Modelling of Algal Blooms – An Overview**” in the International Conference on “Conservation and Management of River and Lake Ecosystem” at Indian Institute of Science, Bangalore from 22.12.2008 to 24.12.2008.
28. Published a paper titled “**Application of Fuzzy Indices to Determine the Trophic Status of Pulicat Lagoon, Southeast Coast of India**” in the International Conference on



“Conservation and Management of River and Lake Ecosystem” at Indian Institute of Science, Bangalore from 22.12.2008 to 24.12.2008.

29. Presented a paper titled “**Environmental Threat due to Increase in Vehicular Pollution**” in “Civilization 2005” at Anna University Chennai during 3-5 February 2005.
30. Presented a paper titled “**Smart Materials**” in “Nirmaan 2005” at Usmania University, Hyderabad during 17-19 February 2005.

### **FDP / Workshops / Symposium / Seminars / Conferences Conducted:**

1. Organizing Committee Member in the International Conference on “**Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things**” (ICSAIOT - 2019) organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 28.08.2019 to 29.08.2019 (Sponsored by AICTE).
2. Two days national seminar on “**Current Trends, Prospects and Challenges in Swatchh Bharat**” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 21.09.2017 to 22.09.2017 (Sponsored by AICTE).
3. One day National Seminar on “**Sustainable Solid Waste Management Technologies for Clean India**” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.06.2017 (Sponsored by CSIR).
4. One day national workshop on “**Smart Renewable Energy Technologies: Opportunities and Challenges**” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 28.08.2015 (Sponsored by Bionics Enviro Tech, AWE Care, Green Hi-tech Solutions & RP Aqua Systems).

5. Workshop Co-ordinator for Two Week ISTE-STTP on **“Environmental Studies”** Conducted by Indian Institute of Technology Bombay under the National Mission on Education Through ICT (MHRD) from 02.06.2015 to 12.06.2015.
6. One day national workshop on **“Renewable Energy Sources: Indian Scenario”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 22.08.2014 (Sponsored by Heyman International).
7. Faculty Development Training Programme on **“Applied Hydraulic Engineering”** (CE 2253) at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 9<sup>th</sup> to 16<sup>th</sup> December 2013. (Sponsored by Anna University, Chennai)
8. One day National Seminar on **“Renewable Energy Technologies for Rural Development”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.08.2013 (Sponsored by CSIR).
9. One day National Seminar on **“Advanced Membrane Bioreactors for Wastewater Treatment”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 16.03.2013 (Sponsored by CSIR).
10. One day National Seminar on **“Innovative Site Remediation Techniques”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19.01.2013 (Sponsored by CSIR).
11. One Day National Workshop on **“Energy Conservation Technologies for Global Sustainability”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 24.08.2012.
12. One day National Seminar on **“Integrated Approaches for Air Quality Management with Main Focus on Small Cities”** at Department of Civil Engineering, Kongu Engineering College, Perundurai on 05.05.2012 (Sponsored by CSIR).
13. International Conference on **“Advances in Construction manufacturing and Automation Research” (INCACMA-2012)**, at Kongu Engineering College, Perundurai from 30.03.2012 to 31.03.2012. (Sponsored by CSIR & KEC)

14. One day National Seminar on “**Innovative Site Remediation Techniques**” at Department of Civil Engineering, Kongu Engineering College, Perundurai on 16.12.2011(Sponsored by DST).
15. One day National Seminar on “**Recent Advancements in Earthquake Resistant Techniques**” at Department of Civil Engineering, Kongu Engineering College, Perundurai on 25.11.2011(Sponsored by CSIR).
16. One day National Seminar on “**Sustainable Wastewater Treatment and Reuse**” at Department of Civil Engineering, Kongu Engineering College, Perundurai on 11.03.2011(Sponsored by CSIR).

**FDP / SDP / STTP / Training Programmes attended:**

1. Two weeks FDP on “**Success Mantra to Promote Higher Education in Digital Era: Teach to Learn and Learn to Teach**” Conducted by K.S.R School of Management, K.S.Rangasamy College of Technology, Tiruchengode from 08.07.2019 to 21.07.2019.
2. One week FDP on “**Patent Drafting and Filing**” conducted by Academic Writing and Patent Drafting Department, Chase Research & Development Solutions, Chennai from 24.06.2019 to 28.06.2019.
3. One week STTP on “**Hydrologic-Hydraulic Modeling of Flash Flood**” conducted by Department of Civil Engineering, Indian Institute of Technology Madras (IITM), Chennai from 18.03.2019 to 22.03.2019.
4. One week FDP on “**Reference Management & Knowledge Organization for Journal Writing**” conducted by Department of Civil Engineering & Research and Development Cell, Aalim Muhammed Salegh College of Engineering, Chennai from 07.01.2019 to 11.01.2019.

5. One week STTP on **“Time Series Analysis using Artificial Neural Networks”** conducted by Department of Mathematics, National Institute of Technology Calicut, Calicut from 10.12.2018 to 15.12.2018.
6. One Week STTP on **“Membrane Technologies for Water and Wastewater Treatment”** organized by the Environmental and Water Resources Division (EWRD), Department of Civil Engineering, Indian Institute of Technology Madras (IITM), Chennai from 12.11.2018 to 17.11.2018.
7. One week training on **“Multivariate Analysis using SPSS, AMOS & R”** organized by Department of Management Studies, Kongu Engineering College, Perundurai from 24.03.2018 to 30.03.2018.
8. Two Week FDP on **“Impact of Climatic Change on Natural Environment and Water Resources”** conducted by Department of Civil Engineering, Adhiyamaan College of Engineering, Hosur from 27.11.2017 to 09.12.2017.
9. Quality Enhancement in Engineering Education (QEEE) course on **“Open Channel Flow – Hydraulics and Hydraulic Machinery”** conducted by Indian Institute of Technology Madras, Chennai during the period January – April 2017.
10. One Week FDTP on **“Environmental Management for Sustainable Development”** organized by Department of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam from 17.04.2017 to 21.04.2017.
11. One Week STTP on **“Advanced Wastewater Treatment”** organized by the Environmental and Water Resources Division (EWRD), Department of Civil Engineering, Indian Institute of Technology Madras (IITM), Chennai from 06.03.2017 to 11.03.2017.
12. National Level Training Programme on **“Geospatial Technologies”** organized by Department of Mining Engineering, College of Engineering Guindy, Anna University, Chennai from 08.02.2017 to 10.02.2017.
13. Faculty Development Programme on **“Estimation and Quantity Surveying”** conducted by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore on 12.08.2016.

14. Two week ISTE STTP on **“Technical Communication”** conducted by Indian Institute of Technology Bombay from 08.10.2015 to 11.11.2015 and from 30.11.2015 to 05.12.2015.
15. One Week CEP Course on **“Coordinator Workshop on Environmental Studies”** Conducted by Indian Institute of Technology Bombay from 23.03.2015 to 27.03.2015.
16. Short Term Training Programme on **“Modelling Approaches for Free Surface Flow and Water Quality Management”** conducted by the Department of Civil Engineering, Indian Institute of Technology Madras, Chennai from 18.11.2013 to 23.11.2013.
17. Faculty Development Programme on **“Disaster Management”** conducted by Department of Civil Engineering, KSR College of Engineering, Tiruchengode from 10.05.2013 to 24.05.2013.
18. Faculty Development Programme on **“Emerging Contaminants: Analysis, Fate, Treatment and Modelling”** conducted by Department of Civil Engineering, National Institute of Technology Calicut, Calicut from 09.07.2012 to 13.07.2012.
19. Faculty Development Programme on **“Current Trends in Cementitious Materials Research”** conducted by Department of Civil Engineering, Dr. Mahalingam College of Engineering and Technology, Pollachi from 09.12.2011 to 10.12.2011.
20. Training Programme on **“Application of Atmospheric Science and Remote Sensing in Environmental Management”** conducted by DRDO-BU, Centre for Life Sciences, Bharathiyar University, Coimbatore from 17.05.2010 to 01.06.2010.
21. Training Programme on **“Vermicomposting of Agro Refuse and Solid Waste Management”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai from 22.04.2010 to 24.04.2010.
22. Staff Development Programme on **“Computer Applications in Modern Electronic Surveying”** conducted by Department of Civil Engineering, Government College of Engineering, Salem from 05.10.2009 to 09.10.2009.

**CEP / OIP / Workshops / Symposium / Seminars / Conferences attended:**

1. National workshop on “**Publishing Articles in CSI Indexed Journals and Filing IPR**” Organized by Research and Development Cell and Department of Library, KSR Institute for Engineering and Technology, Tiruchengode from 25.07.2019 to 26.07.2019.
2. National Seminar on “**Emerging Trends in Soil Structure Interaction**” organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 06.10.2018.
3. National Workshop on “**Applications of Remote Sensing & GIS Techniques in Water Resources Management**” conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 09.03.2018.
4. International Workshop on “**Advances in Computational Fluid Dynamics**” conducted by IE(I) Students’ Chapter, Kongu Engineering College, Perundurai on 20.02.2018.
5. National Workshop on “**Recent Advances in Structural and Environmental Engineering**” at Department of Civil Engineering, KSR College of Engineering, Tiruchengode on 08.09.2017.
6. National Workshop on “**Current Trends, Prospects and Challenges in Swatchh Bharat**” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 21.09.2017 to 22.09.2017.
7. National Seminar on “**Improvement of Groundwater Management System in Erode District**” at Department of Civil Engineering, Velalar College of Engineering and Technology, Erode from 10.08.2017 to 11.08.2017.
8. National Seminar on “**Sustainable Solid waste Management Technologies for Clean India**” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.06.2017.
9. National Seminar on “**Enhancing the Biodegradability of Solid Waste: Influence of Alkali Treatment**” at Department of Civil Engineering, Adhiyamaan College of Engineering, Hosur on 03.03.2017.
10. International Conference on “**Nanomaterials and Nanotechnology (NANO-15)**” held at K.S.Rangasamy College of Technology, Tiruchengode from 07.12.2015 to 10.12.2015.

11. National Workshop on **“Novelistic Wrinkles in Concrete & Construction Practices”** organized by the Department of Civil Engineering, KSR College of Engineering, Tiruchengode on 23.09.2015.
12. National Workshop on **“Smart Renewable Energy Technologies: Opportunities and Challenges”** at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 28.08.2015.
13. National Workshop on **“Renewable Energy Sources: Indian Scenario”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 22.08.2014.
14. National Workshop on **“Emerging Trends in Renewable Energy”** conducted by Department of Mechanical Engineering, K.S.R College of Engineering, Tiruchengode from 26.02.2014 to 27.02.2014.
15. National Seminar on **“Application of Geographical Information System and Remote Sensing for Environmental Science”** conducted by Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode on 06.09.2013.
16. National Seminar on **“Renewable Energy Technologies for Rural Development”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.08.2013.
17. National Workshop on **“Energy and Environment”** Conducted by Department of Chemical Engineering, National Institute of Technology Trchirappalli, Trichy from 27.07.2013 to 28.07.2013.
18. National Seminar on **“Advanced Membrane Bioreactors for Wastewater Treatment”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 16.03.2013.
19. International Workshop on **“Advanced Tools for Wastewater Treatment”** Conducted by Department of Chemical Engineering, National Institute of Technology Trchirappalli, Trichy from 28.01.2013 to 29.01.2013.
20. National Seminar on **“Innovative Site Remediation Techniques”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19.01.2013.

21. Two days Workshop on **“MATLAB Based Training and Simulation on Supervised Learning Neural Networks and Differential Evolution Algorithm”** conducted by Department of Electrical and Electronics Engineering, Anna University Regional Centre, Coimbatore from 20.12.2012 to 21.12.2012.
22. National Seminar on **“Challenges in Seismic Hazards and Risk Assessment”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 06.10.2012.
23. National Workshop on **“Energy Conservation Technologies for Global Sustainability”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 24.08.2012.
24. One day Seminar on **“MATLAB and Simulink for Engineering Education”** conducted by Mathworks India Ltd at Coimbatore on 24.02.2012.
25. One day National Seminar on **“Effective Utilisation of Flyash”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 21.01.2012.
26. One Day National Level Workshop Programme **“CONSTECH 2011”** conducted by Erode Builders Educational Trust group of Institutions, Kangeyam on 08.12.2011.
27. One day National Seminar on **“Total Station and Advanced Surveying”** conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 14.09.2011.
28. National Level Seminar on **“Energy Solutions for Developing Green India”** conducted by Department of Information Technology, Kongu Engineering College, Perundurai on 24.02.2011 & 25.02.2011.
29. Two days National Workshop on **“Design of Water Distribution Networks”** conducted by CARE, School of Civil Engineering, SASTRA University, Thanjavur on 02.12.2010 and 03.12.2010.
30. Two days National Workshop on **“Field Survey using Total Station”** conducted by Department of Civil Engineering, K.L.N. College of Information Technology, Pottapalayam on 24.11.2010 and 25.11.2010.
31. National Level Workshop on **“Recent Trends in Application of Nanoscience in Corrosion Control”** conducted by Department of Chemistry, Kongu Engineering College, Perundurai on 20.11.2010.



32. Two days National Workshop on “**Earthquake Engineering with Disaster Management**” conducted by Department of Civil Engineering, Sethu Institute of Technology, Kariapatti on 12.05.2010 and 13.05.2010.
33. National Level Awareness programme on “**Global Warming and Climate Change**” conducted by Department of Electronics and Communication Engineering, Kongu Engineering College, Perundurai from 25.03.2010 to 27.03.2010.
34. Two days National Workshop on “**Utilisation of Smart Materials in Construction Industry**” conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai from 11.03.2010 to 12.03.2010.
35. One day National Workshop on “**Quality in Civil Engineering Projects**” conducted by Department of Civil Engineering, Dr. Mahalingam College of Engineering and Technology, Pollachi on 27.02.2010.
36. One day National Seminar on “**Impact on Environmental Legislations on Industrial Effluents**” conducted by Department of Mechatronics Engineering, Kongu Engineering College, Perundurai on 31.10.2009.
37. One day National Workshop on “**Remote Sensing and GIS Applications in Civil Engineering**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 09.09.2005.
38. One day National Workshop on “**Software Applications in Civil Engineering**” conducted by M/s Ram Caddsys Pvt. Ltd., Chennai & Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 16.02.2005.

### **Other Activities:**

1. Approved course instructor for “**Indra Gandhi National Open University (IGNOU)**” and Handled various Theory and Practical Courses.
2. Represented Centre for Environmental Studies, Anna University Chennai and presented a poster on “**Energy for a Green World**” in the “**Chennai Science Festival – 2009**” held at Anna University, Chennai from 19.02.2009 to 22.02.2009.

3. Presented a Model on “**Golden Quadilateral System**” in the National Level Exhibition, “**KSR TECH FETE 2005**” conducted by K.S.Rangasamy College of Technology, Tiruchengode on 06.03.2005.
4. Actively participated in **NCC** and attended a “**Combined Annual Training Camp (Air Wing)**” at KSR College of Technology, Tiruchengode from 26.09.2003 to 07.10.2003.
5. Got **Appreciation Certificate** from the Government of Tamil Nadu for donating the Blood.
6. Participated in a Helmet Awareness Rally and got **Appreciation Certificate** conducted by Human Rights Protection Organisation (HRPO), Karur.

**Place: Tiruchengode**

**Date : 30.11.2022**



**(Signature)**