




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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DEPARTMENT OF CIVIL ENGINEERING

NAME & INITIALS	D. ZUNAITHUR RAHMAN	
DESIGNATION	Assistant Professor	
EDUCATIONAL QUALIFICATION	M.E., (Ph.D),,	
EXPERIENCE	8 Years as on 24.01.2022	
DATE OF JOINING	01.12.2020	
EMAIL ID	zunaithurrahman@aalimec.ac.in	
AREA OF SPECIALISATION	Structural Engineering	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph.D (P.T)	Civil Engineering	-	Anna University, Chennai	Pursuing from 2017
M.E	Structural Engineering	M.A.M College of Engg & Tech, Trichy		2014
B.E	Civil Engineering	Noorul Islam College of Engineering, Kanyakumari		2010

PROFESSIONAL MEMBERSHIPS

Sl. No	Name & Address of the Professional Body	Nature of Membership	Period of Membership
11	Institute of Civil Engineers, UK (ICE)	Student Member (93574486)	From 2021
10	American Society of Civil Engineer (ASCE)	Student Member (10319113)	From 2020
9	Association for Life-Cycle Civil Engineering (IALCCE)	Member	From 2020
8	International Association of Advanced Materials (IAAM)	Member (89211915029)	From 2020
7	Association of Bridge maintenance and Safety (IABMAS)	Member (IMR73)	From 2020
6	International Association of Engineers (IA ENG)	Member (256645)	From 2020
5	Institute of Research Engineers and Doctors (IRED)	Associate (AM 101000585213)	From 2020

4	International Association of Hydrological Sciences (IAHS)	Member (18044)	From 2020
3	Indian Institute of Engineers (IEI)	Asso. Member (AM 166729-5)	From 2016
2	International Society for Research & Develop (ISR D)	Member (M 3140900665)	From 2015
1	The Indian Society for Technical Education (ISTE)	Life Member (LM 99507)	From 2014

FDP ATTENDED				
Sl. No.	Title of the Program	Type of the Program	Month & Year	Organized Institution
Faculty Development Program				
23	Waste technology - Energy conversion and utilization	ATAL Online FDP(1 Week)	Nov 2021	Mohamed Sathak Engineering College, Kilakarai
22	Research Methodology: Design and Technology	ATAL Online FDP(1 Week)	June 2021	Banasthali Vidyapith University, Rajasthan
21	Environmental Sustainability and Research Ethics	Online STTP (1 Week)	Feb 2021	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
20	Trends in Energy Conservation Technologies	Online FDP (1 week)	July 2020	Vidyavardhaka College of Engg, Mysuru
19	Nanomaterial Synthesis, Process, Characterization and its Functional Applications	Online FDP (6 Days)	July 2020	Hindusthan College of Engg and Tech, Coimbatore
18	Ladder towards basic research and high impact publications	Online FDP (1 Day)	June 2020	Mar Gregorios College of Arts and Science, Chennai
17	Behaviour of Structural Systems - Bridging the gap between the theory and real time practice	Online FDP (3 Days)	May 2020	Mohamed Sathak A.J College of Engg, Chennai
16	Insights Into Quality Research and Innovation	Online FDP (8 Days)	May 2020	Vivekanandha College Of Engineering For Women, Namakkal
15	Sustainable Planning & Construction	Online FDP (5 Days)	May 2020	St. Peter's Institute of Higher Education and Research, Chennai
14	Environmental Engineering	Online FDP (4 Days)	May 2020	GMR Institute of Technology, Andhra Pradesh
13	Advancements in Concrete Technology	Online FDP (5 Days)	May 2020	Kongu Engineering College, Erode
12	Effective project proposal writing	Online FDP (2 Days)	May 2020	Velammal Engineering College, Chennai
11	Emerging Areas in Hospital Planning,	AICTE-FDP	Oct-Feb	NPTEL ARPIT – SPA, Newdelhi

	Design, Construction and Facilities Management	(16 weeks)	2020	
10	Sustainable Construction Materials and Techniques	AICTE-FDP (12 weeks)	Oct-Feb 2020	NPTEL ARPIT – NITTTR, Chennai
9	Design of Reinforced Concrete Structures	AICTE-FDP (12 weeks)	July-Oct 2019	NPTEL SWA YAM – IIT, Kharagpur
8	Wastewater Treatment and Recycling	AICTE-FDP (12 weeks)	July-Oct 2019	NPTEL SWA YAM – IIT, Kharagpur
7	STTP on membrane technologies for water and wastewater treatment	FDTP/STTP (1 week)	Nov 2018	Indian Institute of Technology, Madras (IITM)
6	Promoting Entrepreneurship in Innovative Construction Techniques	FDP (1 week)	June 2018	Anna University Regional Campus, Madurai
5	Industry Linked FDTP on Civil Engineering Software	FDTP (1 week)	Nov 2017	Knowledge Institute of Technology, Salem
4	Foundation Engineering	FDP (1 week)	Dec 2016	Bannari Amman Institute of Technology, Sathyamangalam
3	Wastewater Management	FDP (1 week)	July 2016	Kings Engineering College, Chennai
2	CE 6405 Soil Mechanics	FDTP (1 week)	Dec 2015	Ramco Institute of Technology, Rajapalayam
1	Building Information Modeling Using Revit 2015	FDTP (1 week)	Oct 2015	St. Xavier Catholic College of Engineering, Nagercoil
Workshop				
8	NAAC Assessment and Accrediation: A Step by Step Process	Online Workshop (3 days)	May 2020	GATES Institute of Technology, Andhra Pradesh
7	Advances in Geotechnical Engg	Workshop	Jan 2020	Mohamed Sathak A.J College of Engg, Chennai
6	Disaster Mitigation and Management in Nagapattinam	Workshop (2 days)	June 2018	EGS Pillay Engineering College, Nagapattinam
5	Understanding Solid waste management Practices	Workshop (1 day)	Feb 2018	K. Ramakrishnan College of Technology, Trichy
4	Innovative Trends in Civil Engineering	Workshop (1 day)	Jan 2016	Nehru Institute of Technology, Coimbatore
3	Condition Assessment of Building	Workshop (1 day)	Dec 2014	Mohamed Sathak Engineering College, Kilakarai

2	Corrosion Analysis and Testing of Concrete Structures	Workshop (1 day)	Sep 2014	PSNA College of Engineering & Technology, Dindigul
1	National Level Weld Meet	Workshop (2 days)	Sep 2014	Mohamed Sathak Engineering College, Kilakarai
Webinar				
62	Underground Structure for Rapid Transport	Webinar	July 2020	Vivekananda Institute of Technology, Bangalore
61	Smart Research Article Course of Action and Scattering	Webinar	July 2020	Mahendra Institute of Technology, Namakkal
60	Future of Construction startups in India	Webinar	July 2020	Anand International College of Engg, Jaipur
59	Innovative Teaching Methodologies	Webinar	July 2020	Kings College of Engineering, Pudukottai
58	An Insight into Piping Construction in Petrochemical Industry	Webinar	June 2020	Francis Xavier Engineering College, Tirunelveli
57	Research paper to Patent filing – a road map	Webinar	June 2020	VELS Institute of Science, Technology & Advanced Studies, Chennai
56	Research is Everyone's Responsibility	Webinar	June 2020	T.J.S Engineering College, Chennai
55	Research Paper Writing and Citation Manager	Webinar	June 2020	P.E.S College of Engineering, Aurangabad
54	The Waste We Generate	Webinar	June 2020	Holy Mary Institute of Technology & Science, Hyderabad
53	Energy management in building	Webinar	June 2020	Francis Xavier Engineering College, Tirunelveli
52	Polyphenol Based Surface Engineered Nanomaterials for Improved Therapeutics	Webinar	June 2020	Kongunadu Arts and Science College, Coimbatore
51	Project Management using Primavera	Webinar	June 2020	KPR Institute of Engg & Tech, Coimbatore
50	Rehabilitation and Retrofitting of Structures (R ² S)	Webinar	June 2020	Sree Vidyanikethan Engineering College, Tirupati
49	Self-Sensing and Self-Healing properties of New Generation Materials	Webinar	June 2020	Periyar Maniammai Institute of Science & Technology, Thanjavur
48	Innovative Teaching Methodology	Webinar	June 2020	Surendra Institute of Engineering and Management, Siliguri

47	Retrofitting of Industrial Structures	Webinar	June 2020	Mohamed Sathak A.J College of Engg, Chennai
46	Patent Filing, Publications & Commercialization	Webinar	June 2020	Francis Xavier Engineering College, Tirunelveli
45	Educator as a Leaders in a Diverse World	Webinar	June 2020	Hindustan College of Arts and Science, Coimbatore
44	Open Access Educational E-Resources	Webinar	June 2020	Ramco Institute of Technology, Rajapalayam
43	Structural and Geotechnical requirements for RCC building Project	Webinar	June 2020	Fatima Michael College of Engineering and Technology, Madurai
42	Biochar and its Application	Webinar	May 2020	Mohamed Sathak Engineering College, Kilakarai
41	Seismic Principles and Design & Green Building	Webinar	May 2020	VELS Institute of Science, Technology & Advanced Studies, Chennai
40	Technology for Future	Webinar	April 2020	ICT Academy, Tamilnadu
39	Urban Environmental Management	Webinar	May 2020	Mohamed Sathak Engineering College, Kilakarai
38	Exploring Outcome Based Education (OBE) and NBA Process	Webinar (6 Days)	May 2020	Knowledge Institute of Technology, Salem
37	Engineers to Entrepreneurs	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
36	Renewable Energy a Sun Rise Sector	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
35	Environment and Sustainable Development	Webinar	May 2020	Francis Xavier Engineering College, Tirunelveli
34	MS Projects for Management of Construction Projects	Webinar	May 2020	AISSMS College of Engineering, Pune
33	Sustainable Construction Materials – An East African Perspective	Webinar	May 2020	SCAD College of Engg and Tech, Tirunelveli
32	Prevention of Disease Control through Waste Management	Webinar	May 2020	K.Ramakrishnan College of Technology, Trichy
31	Intelligent Systems	Webinar	May 2020	Mohamed Sathak Engineering College, Kilakarai
30	Guidelines for Writing a Research Paper	Webinar	May 2020	Arasu Engineering College, Kumbakonam

29	Impact of COVID-19 in Tourism Industry	Webinar	May 2020	Sree Narayana Guru College, Coimbatore
28	Emerging Opportunities in Civil Engineering	Webinar	May 2020	Sri Venkateshwara College of Technology, Chennai
27	Arts of Writing Scientific Reports	Webinar (2 Days)	May 2020	Velammal Engineering College, Chennai
26	Block Chain Basics	Webinar	May 2020	Sri Eshwar College of Engineering, Coimbatore
25	Tunnelling Instrumentation and Modelling	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
24	Career Opportunities for Civil Engineers through GATE	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
23	Environmental Management Strategies	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
22	How to become a World No.1 in Civil Field	Webinar	May 2020	M.A.M. College of Engineering and Technology, Trichy
21	Spaces & zones for HVAC design	Webinar	May 2020	Dr.N.G.P Institute of Technology, Coimbatore
20	Innovations & Sustainability Through Construction Chemicals	Webinar	May 2020	K.D.K College of Engineering, Nagpur
19	AI and Machine Learning	Webinar	May 2020	Sri Eshwar College of Engineering, Coimbatore
18	Data Science for Engineers	Webinar	May 2020	Sri Eshwar College of Engineering, Coimbatore
17	Artificial Intelligence	Webinar	May 2020	Mahendra Institute of Technology, Namakkal
16	Structural Failure Causes and Research Thoughts	Webinar	May 2020	SRM Institute of Science and Technology, Chennai
15	A Journey of Civil Engineer as an Entrepreneur	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
14	Road to Zero	Webinar	May 2020	KPR Institute of Engg & Tech, Coimbatore
13	Structural Audit of Buildings	Webinar	May 2020	K.D.K College of Engineering, Nagpur
12	Handling of Solid Organic Waste	Webinar	May 2020	B.S.Abdur Rahman University, Chennai
11	Water Resource Management	Webinar	May 2020	M.A.M College of Engineering and

				Technology, Trichy
10	Progress of concrete science the time of Duff A. Abrams	Webinar	May 2020	K.D.K College of Engineering, Nagpur
9	Handling of Liquid Waste	Webinar	May 2020	B.S.Abdur Rahman University, Chennai
8	The Power of a Teacher	Webinar	May 2020	ICT Academy, Tamilnadu
7	Opportunities in Environmental Engineer	Webinar	May 2020	Karpagam College of Engineering, Coimbatore
6	Tertiary treatment of sewage using Disc filter	Webinar	May 2020	B.S.Abdur Rahman University, Chennai
5	Pre-Engineered Steel and its connection details	Webinar	May 2020	Adithya Institute of Technology, Coimbatore
4	Importance of materials in Engineering	Webinar	May 2020	Ramco Institute of Technology, Rajapalayam
3	Joints in Structural Elements	Webinar	May 2020	Adithya Institute of Technology, Coimbatore
2	The Future of Making	Webinar	April 2020	ICT Academy, Tamilnadu
1	Future of AI inspired by Customer Use Cases for AI-ML	Webinar	April 2020	ICT Academy, Tamilnadu
Competition				
18	Student project award 2021	Award	Nov 2021	Institute of Researchers, India
17	Green Tech Hackathon 2020	Hackathon	March 2021	St Joseph Engineering College, Mangalore
16	Biodiversity on World Environment Day 2020	Online Quiz	June 2020	Periyar Maniammai Institute of Science & Technology, Thanjavur
15	Soil Mechanics and Foundation Engineering	Online Quiz	June 2020	Raghu Institute of Technology, Visakhapatnam
14	International Biodiversity Day	Online Quiz	May 2020	Kamaraj College, Thoothukudi
13	Civil Engineering	Online Quiz	May 2020	Holy Mary Institute of Technology and Science, Hyderabad
12	Sports	Online Quiz	May 2020	Mohamed Sathak A.J College of Engg, Chennai
11	Fine tune yourself through Fine arts	Online Quiz	May 2020	Guru Nanak College, Chennai
10	Entrepreneurship	Online Quiz	May 2020	Institution of Engineers (India)
9	Higher Education System	Online Quiz	May 2020	Jamal Mohamed College, Trichy
8	Teaching Aptitude	Online Quiz	May 2020	Jamal Mohamed College, Trichy

7	MECHATHON' 2020	Online Quiz	May 2020	Nehru Institute of Engineering and Technology, Coimbatore
6	Building the future	Online Quiz	May 2020	A.V.C College of Engineering, Nagapattinam
5	NAAC Awareness program for Faculty	Online Quiz	May 2020	Marathwada Mitra Mandal Institute of Technology, Pune
4	Research Methodology	Online Quiz	May 2020	The Standard Fire works Rajaratnam College for women, Sivakasi
3	National Level Model Making Competition in INSPIRE (4 Models)	Model Making (5 days)	Sep 2019	Mohamed Sathak Engineering College, Kilakarai
2	National Level Model Making Competition in INSPIRE (2 Models)	Model Making (5 days)	Sep 2016	Mohamed Sathak Engineering College, Kilakarai
1	National Conference on Recent Development of Bio Inorganic Chemistry in Medical Fields (RDBICM' 15)	Poster Presentation (2 nd Prize)	Aug 2015	Mohamed Sathak Engineering College, Kilakarai

PUBLICATION DETAILS				
Sl. No.	Title of the paper	Name of the Journal	Vol No, Issue & Year / DOI	Authorship, IF & Indexing
28	Investigational work on self-cleaning cement mortar with titanium dioxide in partial replacement of cement	Materials Today Proceedings (Elsevier)	Submitted	Author, IF - 2.602, SCI, Scopus and UGC CARE
27	A study on home buyers preferences and development of model for residential customers satisfaction	International journal of sustainable construction Engineering and Technology	Submitted	Author, IF - 2.602, SCI, Scopus and UGC CARE
26	Biochar derived from Caulerpa scalpelliformis for the removal of Reactive Red 120 in batch and packed bed column	Bio mass Conversion and Biorefinery (Springer)	Accepted	Author, IF - 2.602, SCI, Scopus and UGC CARE
25	Performance Evaluation of RC framed structures with and without shear wall using STAAD Pro	European Journal of Molecular and Clinical Medicine	Vol 7, Issue 11, 2020	Author, Scopus, UGC CARE
24	Electrokinetic remediation: An innovation for heavy metal contamination in the soil environment	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	First Author, Scopus, UGC CARE
23	Impact of air pollution in health and socio-	Materials Today	Vol 37 (2),	Author, Scopus, UGC

	economic aspects: review on future approach	Proceedings (Elsevier)	2021	CARE
22	Mechanical properties of RCC column with kevlar and banana fibre wrapping	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
21	Strength and ductility behaviour of FRC beams strengthened with externally bonded GFRP laminates	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
20	Advancement And Execution Of Quality Assurance In Bored Cast In-Situ Piles	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
19	Application of Fuzzy Logic Model for Assessment of Agricultural Land Suitability Using Geographical Information System	Applied Water Science (Springer)	Under Review	Author, IF - 1.24, SCI, Scopus and UGC CARE
18	Sequestration of Pb(II), Ni(II) and Zn(II) biosorption onto brown seaweed Sargassum wightii: Isotherm and kinetic modeling	Indian Chemical Society (NISCAIR)	Vol 97, Issue 11a, Nov 2020	First Author, IF - 1, SCI, Scopus and UGC CARE
17	Rainfall seasonal analysis and trend variation in southern districts of tamilnadu using ArcGIS	GIS Science Journal	Vol 07, Issue 04, June 2020	Corresponding Author, Scopus, UGC CARE
16	Elimination of Nickel(II) ions using various natural/modified clay minerals: A review	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
15	Removal of Ni(II) ions from wastewater by raw and modified plant wastes as adsorbents: A review	Iranian Journal of Chemistry and Chemical Engineering (Jihad Daneshgahi)	10.30492/IJCC E. 2020.125524.41 00	First Author, IF - 0.6, SCI, Scopus and UGC CARE
14	Characterization, properties and microstructure studies of cement mortar incorporating Nano-SiO ₂	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
13	Application of GIS to transportation design of highway consistency and road safety analysis	GIS Science Journal	Vol 07, Issue 04, June 2020	Corresponding Author, Scopus, UGC CARE
12	Entrapment of green seaweed Caulerpa scalpelliformis for extracting metal ions from aqueous solutions	International Journal of Environmental Science and Technology (Springer)	Under Review	First Author, IF - 2.031, SCI, Scopus and UGC CARE
11	Comparative and optimized studies of PE and PVP binder with different graphene electrodes for the reduction of hardness	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
10	Identification and Environmental Issues of Polluted Sea Water	International Journal of Engineering and Advanced Technology	Vol 09, Issue 04, April 2020	Corresponding Author, Scopus, UGC CARE

		(IJEAT)		
9	Applicability and new trends of electrocoagulation on mitigation of industrial effluent: A review	Materials Today Proceedings (Elsevier)	Vol 37 (2), 2021	Corresponding Author, Scopus, UGC CARE
8	Optimization of clay soil stabilization using waste plastic powder	International Journal of Recent Technology and Engineering (IJRTE)	Vol 09, Issue 01, May 2020	Corresponding Author, Scopus, UGC CARE
7	Comparative assessment and optimization of Pb(II), Ni(II) and Zn(II) biosorption onto Gelidiella acerosa in single systems: Equilibrium and kinetic modeling	Desalination and Water treatment (Desalination)	Vol 209, 254-266, Jan 2021	First Author, IF - 1.234, SCI, Scopus and UGC CARE
6	Assessment of Sea water Intrusion into Shallow Coastal Aquifer in Kanyakumari District, Tamilnadu, India	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol 09, Issue 03, Jan 2020	Corresponding Author, Scopus, UGC CARE
5	A Comprehensive review on zinc(II) sequestration from wastewater using various natural/modified low-cost agro-waste sorbents	Bio mass Conversion and Biorefinery (Springer)	Under Review	Author, IF - 2.602, SCI, Scopus and UGC CARE
4	Study on Waste Rubber Tyre in Concrete for Eco-friendly Environment	Engineering and Technology in India (ETI)	Vol 01, Issue 05, Dec 2016	First & Corresponding Author, ISSN 2472-8640
3	Mineral Additive Based Mortar for the Enhancement of Water Repellent Properties	Engineering and Technology in India (ETI)	Vol 01, Issue 05, Dec 2016	First & Corresponding Author, ISSN 2472-8640
2	Strength Behaviour of Granite fines and Brick dust in Concrete	International Journal of Applied Engineering Research (IJAER)	Vol 10, Issue 77, Sep 2015	Corresponding Author, Scopus, UGC CARE
1	Preventing Shrinkage Behaviour of High Performance Concrete Structures by Internal Curing	International Journal of Applied Engineering Research (IJAER)	Vol 10, Issue 77, Sep 2015	Corresponding Author, Scopus, UGC CARE

CONFERENCE DETAILS

Sl. No.	Title of the paper	Name of the Conference	Month & Year	Organized Institution
International Conferences				

12	Dynamic Properties of Composite using Flyash	International Conference on Recent trends in Green Chemistry and Material Science (RTGCMS' 20)	Jan 2020	Mohamed Sathak Engineering College, Kilakarai
11	Identification and Environmental Issues of Polluted Seawater in Ramanathapuram	International Conference on Recent trends in Green Chemistry and Material Science (RTGCMS' 20)	Jan 2020	Mohamed Sathak Engineering College, Kilakarai
10	Assessment of Seawater Intrusion into Shallow Coastal Aquifer in Ramanathapuram	International Conference on Recent trends in Green Chemistry and Material Science (RTGCMS' 20)	Jan 2020	Mohamed Sathak Engineering College, Kilakarai
9	Elimination of Nickel(II) ions using various Natural/Modified Adsorbent	International Conference on Recent trends in Green Chemistry and Material Science (RTGCMS' 20)	Jan 2020	Mohamed Sathak Engineering College, Kilakarai
8	Effect of Incorporation of Nano SiO ₂ in mortar and its Acoustical and Durability studies	International Conference on Sustainable practice in Civil Engineering (SPICE' 17)	April 2017	KPR Institute of Engg & Tech, Coimbatore
7	Mineral Additive Based Mortar for the Enhancement of Water Repellent Properties	International Conference on Promoting Entrepreneurship in Innovative Construction Techniques (ICPECT' 16)	Oct 2016	Anna University, Regional Campus, Madurai
6	Study on Waste Rubber Tyre in Concrete for Eco-friendly Environment	International Conference on Promoting Entrepreneurship in Innovative Construction Techniques (ICPECT' 16)	Oct 2016	Anna University, Regional Campus, Madurai
5	Effect of partial replacement of ceramic waste and steel slag in concrete	International Conference on Spatial Development in Engineering Sciences and Humanities (ICSE' 15)	Oct 2015	Noorul Islam University, Kumaracoil
4	Durability Studies on Rubberized Concrete	International Conference on Spatial Development in Engineering Sciences and Humanities (ICSE' 15)	Oct 2015	Noorul Islam University, Kumaracoil.
3	Strength Behaviour of Granite fines and Brick dust in Concrete	International Conference on Green Technologies for Energy Management (ICGTEM' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
2	Preventing Shrinkage Behaviour of High Performance Concrete Structures by Internal Curing	International Conference on Green Technologies for Energy Management (ICGTEM' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
1	A study on HPC with Pre soaked Lightweight aggregate by Internal Curing	International Conference on trends in Engineering (ICMA CE' 14)	Feb 2014	Tamizhan College of Engineering and Technology, Kanyakumari

National Conferences				
16	Elimination of Nickel(II) ions using various natural/modified clay minerals: A review	National Conference on Structural, Architectural, Building and Automation in Sustainable Engineering (SABASE' 20)	June 2020	Adithya Institute of Technology, Coimbatore
15	Rainfall seasonal analysis and trend variation in southern districts of tamilnadu using ArcGIS	National Conference on Structural, Architectural, Building and Automation in Sustainable Engineering (SABASE' 20)	June 2020	Adithya Institute of Technology, Coimbatore
14	Application of GIS to transportation design of highway consistency and road safety analysis	National Conference on Structural, Architectural, Building and Automation in Sustainable Engineering (SABASE' 20)	June 2020	Adithya Institute of Technology, Coimbatore
13	Solid Waste Management in India	National Conference on Green technologies for Energy Management (NCGTEM' 16)	March 2016	Mohamed Sathak Engineering College, Kilakarai
12	Effective Remediation of Seawater Pollution	National Conference on Green technologies for Energy Management (NCGTEM' 16)	March 2016	Mohamed Sathak Engineering College, Kilakarai
11	Durability Studies on Rubberized Concrete	National Conference on Recent Development of Bio Inorganic Chemistry in Medical Fields (RDBICM' 15)	Aug 2015	Mohamed Sathak Engineering College, Kilakarai
10	Mineral additive based mortar for the enhancement of Water Repellent properties	National Conference on Recent Development of Bio Inorganic Chemistry in Medical Fields (RDBICM' 15)	Aug 2015	Mohamed Sathak Engineering College, Kilakarai
9	Detection of failure of structural components using Triboluminescence based coating	National Conference on Recent trends in Civil Engineering (RTICE' 15)	April 2015	Shanmuganathan Engineering College, Arasampatti
8	Corrosion of Steel in Concrete : An Overview	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
7	Intelligent Transportation System : An Overview	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
6	Flexural Behaviour of Cold Formed Steel Sections Subjected to Static Loading	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
5	Preventing Shrinkage of HPC Structures by Internal Curing	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai

4	Strength Gain Mechanisms of Concrete containing Granite Fines and Brick Dust	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
3	An Experimental study on Soil Pollutant Interaction in Subsoil Surface	National Conference on Innovations in Engineering & Technology for Societal Needs (NCITES' 15)	March 2015	Mohamed Sathak Engineering College, Kilakarai
2	A study on HPC with Pre soaked lightweight aggregate by Internal curing	National Conference on Recent Development in Civil Engineering (RDCE' 14)	March 2014	Mohamed Sathak Engineering College, Kilakarai
1	Recent Trends in Concrete Technology	National Level Technical Symposium (NLTS' 08)	Feb 2008	K.S.Rangasamy College of Technology, Tiruchengode

ACHIEVEMENT DETAILS		
Position	Nature of Work	Year
Department Coordinator	Time Table & Staff Work Load	2014 to 2020
	AU & Internal Test Result Analysis	2014 to 2020
	Strength of Materials Lab Incharge	2014 to 2020
	Industrial Visit & Educational Tour	2014 to 2020
	Department Website Incharge	2014 to 2020
	Consultancy works (soil, concrete and water)	2014 to 2020
	Symposium & Conference Incharge	2016 to 2017
	NAAC (Criteria III)	2018 to 2020
	Placement & Training Cell	2018 to 2020
	NBA Coordinator & Criteria IV Incharge	2019 to 2020
	MHRD - IIC Incharge	2019 to 2020
	Research & Development Cell Coordinator	2019 to 2020
	AICTE Vishwakarma Award Coordinator	From 2021
	Hackathon Coordinators for all activities	From 2021
College Coordinator	Various College Events	2014 to 2020
	Admission Cell – Jamadh, School & College Visit	From 2014
	NIRF and ARIIA Ranking Coordinator	From 2021
	Institution Innovation Council (IIC)	From 2020
	NBA Internal Auditor	From 2022
	ISTE Institutional Incharge	From 2022

University Activities	Internal / External Lab & Theory Invigilator	2014 to 2020
	Central Paper Valuation – AU & Autonomous	2016 to 2020
	AU Lab Question Paper Preparation (R2017)	2018 to 2019
	Theory Question Paper Preparation – Autonomous	2019 to 2020