

Kings College of Engineering

Department of Civil Engineering

Name : Dr. R. SARAVANAN	
Designation:	Professor and Head
Qualification:	Ph.D
Area of Specialization:	Structural Engineering
Experience:	Teaching: 25 yrs 7 months UG: 23 yrs 5 months PG: 2 yrs 2 months Industry: 3 yrs 6 months
No. of Workshop / Conferences / FDP attended :	10 / 22 / 12
Publications :	Journal :09 National: 04 International: 05 Conference : 22 National: 10 International: 11
Membership :	ISTE, MIE, SESI, ISRD
Achievements :	1. Best Teacher award at Kings college of Engineering, Punalkulam in the year 2024. 2. Best Teacher award at Mailam Engineering College, Mailam, Villupuram in the year 2007.

No. of Workshop / Conferences / FDP attended : 10 / 22 / 12

JOURNAL PUBLICATIONS

1. Dr.R.Saravanan, Dr.N.Pannirselvam, Dr.P.Balu. "An Experimental Investigation Of A Micromechanical Method To Simulate The Degrading Effects Of The Alkali-Silica Reaction On Concrete" IJFANS International Journal of Food and Nutritional Sciences, Volume 11, Issue 8, Dec 2022.

2. Saravanan R., Sridhar N., Al-Zaqri N, Shalini A., Boshala A., Senthil Kumar M., and Gokulan R. "Removal of BTEX (benzene, toluene, ethyl benzene and xylene) from aqueous solutions using surface-modified zeolite" Global NEST Journal, Volume 25, Issue10, Dec 2022.
3. Dr. R. Saravanan. "Performance of Recycled Paper Pulp And Fly Ash In Production of Light Weight Bricks" International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue5, May 2021.
4. Saravanan Ramalingam, Balamurugan Panneerselvam, Shunmuga Priya Kaliappan. "Effect of high nitrate contamination of groundwater on human health and water quality index in semi-arid region, South India" Arabian Journal of Geosciences, Volume 4, Issue4, December 2019.
5. Dr. R. Saravanan, Dr. N.Pannirselvam. "Seismic Performance Of Outrigger System In High Rise Structures Under Seismic Loading" YMER, Volume 21, Issue11, November 2022.
6. R.Saravanan, N.Pannirselvam, P.Balu. "Evaluating Strength Characteristics Of Fly Ash Concrete With Different Grades Of Concrete With Natural And Recycled Aggregate" IJFANS International Journal of Food and Nutritional Sciences, Volume 11, Issue 8, Dec 2022.
7. R. Saravanan, M. Sivaraja, "Durability Studies on Coir Reinforced Bio-composite Concrete Panel" European Journal of Scientific Research, Volume 81, Issue 2, Dec 2012.
8. T.Mohanakavitha,K.Shankar,R.Divahar,T.Meenambal and R.Saravanan"Impact of industrial wastewater disposal on surface water bodies in Kalingarayan canal, Erode district, Tamil Nadu, India" Archives of Agriculture and Environmental Science, Volume 4, Issue 4, December 2019.
9. K. Shankar. Elangovan, P. Balamurugan, R. Saravanan."Spatial distribution of Groundwater quality assessment using Water Quality Index and GIS techniques in Thanjavur Taluk,Thanjavur District, Tamil Nadu, India" International Journal of Civil, Environmental and Agricultural Engineering, Volume 4, Issue 2, May 2022.

FUNDED PROJECT SANCTIONED

S.No.	Date	Funded Project	Topic
1.	01-07-2022 to 05-08-2022	Ministry of Housing and Urban Affaairs, Mission Amrit sarovar, Jal Dhzarohar Sanrakshan Internship at Sembirankulam. Tamil Nadu. Amount -Rs. 2Lakhs.	Rejuvenation and reimagination strategy for sembirankulam, Tamil Nadu.

BOOKS PUBLISHED

S.No.	BOOK TITLE	AUTHOR NAME	ISBN NUMBER	PUBLISHER DETAILS
1.	Environmental Science & Engineering Prescribed Text Book of Pondicherry University	Dr.R.Saravanan	978-93-83103-10-2	Lakshmi Publications, Chennai
2.	Repair and Rehabilitation of Structures	Dr.R.Saravanan	978-93-83103-74-4	Lakshmi Publications, Chennai
3.	Municipal Solid Waste Management	Dr.R.Saravanan	978-93-83103-65-2	Lakshmi Publications, Chennai
4.	Railways, Airports and Harbour Engineering	Dr.R.Saravanan	978-81-932114-7-2	Suchitra Publications, Chennai
5.	Concrete Technology	Dr.R.Saravanan	978-81- 932114-9-6	Suchitra Publications, Chennai
6.	Structural Design and Drawing	Dr.R.Saravanan	978-93-87950-59-7	Lakshmi Publications, Chennai
7.	Irrigation Engineering	Dr.R.Saravanan	978-93- 87950-43-6	Lakshmi Publications, Chennai
8.	Prefabricated Structures	Dr.R.Saravanan	978-93- 83103-41-6	Lakshmi Publications, Chennai
9.	Airports and Harbours	Dr.R.Saravanan	978-93-87950-97-9	Lakshmi Publications, Chennai
10.	Estimation, Costing and Valuation Engineering	Dr.R.Saravanan	978-81-977971-1-8	Lakshmi Publications, Chennai
11.	Construction Materials and Technology	Dr.R.Saravanan	978-81-953605-6-7	Suchitra Publications, Chennai
12.	Surveying and Levelling	Dr.R.Saravanan	978-9387-67067-9	Lakshmi Publications, Chennai
13.	Wastewater Engineering	Dr.R.Saravanan	978-93-87950-48-1	Lakshmi Publications, Chennai

14.	Hydrology and Water Resources Engineering	Dr.R.Saravanan	978-81-977971-8-7	Lakshmi Publications, Chennai
15.	Engineering Geology	Dr.R.Saravanan	978-93-83103-92-8	Lakshmi Publications, Chennai
16.	Solid and Hazardous Waste Management	Dr.R.Saravanan	978-81-982000-7-5	Lakshmi Publications, Chennai

JOURNAL PEER REVIEWER

Active IJCRT RMS (Reviewer) Member of the esteemed Journal International Journal of Creative Research Thoughts IJCRT (www.ijcrt.org) | ISSN: 2320-2882 Holding Member ID: 117763 from February 2022

EVENTS ORGANIZED

S.No	Date	Conference / Symposium /Convention	Topic/File
1.	08.05.25 & 09.05.25	International Conference	Recent Trends in Engineering and Science during
2.	21.05.24	International Conference	Recent Trends in Engineering and Science
3.	23.04.23	International Conference	Recent Advances in Civil and Mechanical engineering
4.	21.03.18	National Conference	NC-ATCEGE'18
5.	29.12.16	National Conference	NC-ETCCE'16
6.	24.02.2016-26.02.2016	International Conference	Emerging Trends in Engineering, Technology & Science.
7.	30.10.2015-31.10.2015	18 th ISTE National Annual Students Convention	Technology for rural development to accomplish vision India - 2020.
8.	19.09.2015	National Symposium	RICKCEM'15

9.	09.03.2015	National Conference	National Conference on Recent trends in civil engineering towards sustainable development.
10.	24.09.2014	National Symposium	PRESENTIA'14
11.	21.03.2014	National Conference	Recent trends in Engineering & Technology.
12.	13.09.2013	National Symposium	SKY SCRAPERS'13