

CV of Dr. S. Robert Ravi

Name : Dr. S. Robert Ravi

Designation : Professor / Civil Engg.

Address for Communication: (office) Civil Engineering Department, Girijananda Chowdhury University (GCU), Hathkhowapara, Azara, Guwahati, Assam, India, 781017

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Sex: Male

Date of Birth: 18.02.1969

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.			
2	HSSLC/10+2 Std.			
3	Degree (BE)	1990	Madurai Kamaraj University Madurai. Tamilnadu	Civil Engg.
4	Master's Degree (ME)	2006	Karunya University, Coimbatore. Tamilnadu	Structural Engg.
5	M. Phil.(Please Specify)	-	-	-
6	Ph. D.	2011	Karunya University ,Coimbatore . Tamilnadu	Civil Engg.
7	Post-Doctoral (Please Specify)	-	-	-

8	Others(Please Specify)	-	-	-
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Languages known: English & Tamil
(Read, Write & Speak)

Academic/ Administrative Experience:

Academic Experience: 22 years

Sl. No.	Name of Institution	Post held	Year
1.	ACE Engineering College, Ghatkesar, Hyderabad.	Professor/Prof.&HoD	02.11.2017- 26.11.2022 (5 years approx.)
2.	SSM Insti.of Engg.&Tech., Dindigul.Tamilnadu.	Professor & HoD	11.12.2015 – 28.10.2017 (2 years approx.)
3.	P.S.R Engineering College Sivakasi, Tamilnadu.	Professor & HoD	19.11.2012 – 10.08.2015 (3 years approx.)
4.	Hindusthan college of Engg.&Tech.,Coimbatore	Asso.Prof./Prof.& HoD	08.12.2010 –09.11.2012 (2 years approx.)
5.	Karunya University Coimbatore.	Sr.Lec./Asst. Prof.	02.07.2007 –15.11.2010 (3 ½ years approx.)
6.	Sri Ramakrishna Institute of Tech., Coimbatore.	Lecturer	29.04.2006 – 30.05.2007 (1 year app.)
7.	P.N.Polytechnic , Sankarankoil.	Lec./Sr.Lec. & H.O.D	27.10.1997 – 12.12.2001 (4 years app.)
8.	M.A.V.M.M Polytechnic, Madurai.	Asso.Lecturer	22.06.1992 – 30.04.1994 (2y app.)

Industrial Experience: 7 years

Organization	Projects Handled
THE SUN CONSTRUCTIONS, Coimbatore. (02.05.1990-20.06.1992,01.05.1994-15.08.1995) (3 years 6 months)	• Infiltration well project for TWAD
NEPC-MICO LIMITED, Chennai. (17.05.1995-09.08.1996) (1 year 3 month)	• Highway & Building project
CONSTRUCTIONS INDIA, Madurai. (15.12.2001-31.05.2004) (2 year 6 months)	• Bunk House project for ONGC
	• Wind Turbine project for NEPC
	• Coal Jetty project for Port Trust

List of Publications:

Publications: 55 – Citations: 133, h-index : 6 , i10 index : 5

International Journals: 28 (Scopus – 10, WOS -2, UGC approved – 8)

1. Evaluation of strength characteristics and identifying the optimum dosage with the impact of partial replacement of recycled fine and coarse aggregate from construction and demolition waste, Article in press, available ONLINE with reference to DOI: <https://doi.org/10.1016/j.matpr.2022.05.265> **Scopus Indexed.**

2. Structural Behavior of Experimental Retrofitted RC Beam Using Natural Fibers with Neural Network, International Journal of Engineering and Advanced Technology, ISSN:2249 8958, Vol.8, Issue 6,2019, pp 1802-1809 DOI: DOI: [10.35940/ijeat.F8458.088619](https://doi.org/10.35940/ijeat.F8458.088619) **Scopus Indexed.**
3. Use of rice husk ash and metakaolin as pozzolanas for concrete: A review, International journal of applied engineering and research, ISSN 0973-4562 Vol.11, No.1,2016, pp 656-664. DOI:10.37622 **Scopus Indexed.**
4. Experimental Investigation on Heavy Metal Contamination in Lake Water Sources of Musi Basin, International Journal of Innovative Research in Technology (IJIRT) ISSN : 2349-6002, Vol.8,Issue 11, pp 345 -349 , April 2022. **UGC approved journal No: 47859**
5. Treatment of Dairy Wastewater using moving bed bio-film reactor sequential with integrated fixed-film sludge. International Journal of Innovative Research in Technology (IJIRT) ISSN : 2349-6002, Vol.8,Issue 10, pp 573-576, March 2022. **UGC approved journal No: 47859**
6. Experimental investigation on the behavior of retrofitted reinforced concrete beam-column joints with CFRP subjected to Load reversal, International Journal of Applied Engineering and Research (IJAER , ISSN 0973-4562)Vol.5,No.1(2010) pp 109-120. **UGC Approved Journal No. – 64529**
7. Experimental investigation on the behavior of retrofitted reinforced concrete beam-column joints with GFRP subjected to Load reversal , International Journal of Earth science and Engineering (IJEE , ISSN 0974-5904)Vol.3,No.2(2010) pp 289- 300.
8. Experimental investigation on the influence of axial load and lateral ties on reinforced concrete beam-column joints,International Journal of Civil and Structures (IJCS ISSN 0973-8061)–Vol.2, No.2(2009) pp 071- 076.
9. Experimental Investigation on the behavior of retrofitted reinforced concrete beam-column joints with sisal fiber wrap subjected to Load reversal, International Journal of Applied Engineering and Research IJAER , ISSN 0973-4562 Vol.5,No.8 (2010) pp1393-1401. **UGC Approved Journal No. – 64529**
10. Experimental Investigation on the behavior of retrofitted reinforced concrete beam-column joints with GFRP-CFRP hybrid fiber wrap subjected to Load reversal, International Journal of Mechanics and Solids (IJMS, ISSN 0973-1881) Vol.5,No.1(2010), pp. 61-69.
11. Experimental Investigation on the behavior of retrofitted reinforced concrete beam-column joints with AFRP wrap subjected to Load reversal, International Journal of Emerging Technology and Applications in Engineering Technology and science.(I- ETA-ETS, ISSN 0974-3588) July’10-December’10, Vol.3, Issue 2 , pp. 52-57.
12. Experimental Investigation on the behavior of retrofitted reinforced concrete beam-column joints with GFRP-AFRP hybrid wrapping. International Journal Civil and Structural Engineering (IJCSE, ISSN 0976-4399) Vol.1,No.2 (2010),pp.245-253.
13. Finite element modeling on behavior of retrofitted reinforced concrete beam-column joints with CFRP wrappingInternational Journal Civil and Structural Engineering (IJCSE, ISSN 0976-4399) Vol.1,No.3 (2010), pp.576-582.
14. Finite element modeling of reinforced concrete beam column joints retrofitted with carbon fiber reinforced polymer wrap.,International Journal of Res Engineeria, 2011,Vol. 1,Issue 1,pp 27-30.
15. Finite element modeling of reinforced concrete beam column joints retrofitted with GFRP wrapping, International Journal of Civil Engineering and Technology (IJCIET, ISSN 0976 - 6308) 2011,Vol.2,No.1,pp 36-40.

16. Experimental investigation on the behavior of reinforced concrete beam retrofitted with sisal fiber sheet, ,International Journal of Innovative research ,engineering and technology (IJIRSET,ISSN 2319-8753),Vol.2,Issue 7, pp 3159-3162 July 2013.
17. Effects Of Water Quality On Hydration and Compressive Strength of Plain Cement Concrete, International Journal of Applied Engineering Research (IAER) ISSN 0973-4562 Volume 9, Number 22 (2014) pp. 16895-16908. **UGC Approved Journal No. – 64529**
18. Experimental study on flexural behavior of reinforced concrete hollow core sandwich beams. International journal of advanced research in science and engineering. IJARSE, ISSN-2319-8354(E) Vol. No.4, Special Issue (01), March 2015,pp 937-946.
19. Experimental study on flexural and shear behavior of fiber reinforced concrete beams , International Journal of Advances in Natural and Applied sciences ISSN 1995-0772,2016 Jan 10 (1) pages 57-64
20. Study on strengthening of RC beam column joint using Hybrid FRP composites,Circuits and systems , ISSN Print: 2153-1285 ISSN Online: 2153-1293 Scientific research publishing 2016,Vol.7, pp 2846-2856. Circuits and Systems, 2016, 7, 2846-2856 Published Online August 2016 <http://dx.doi.org/10.4236/cs.2016.710243>
21. Indian rice husk ash – improving the mechanical properties of concrete, International journal of Engineering research and application, (IJERA) ISSN 2248-9622, Vol.7, Issue 1 (Part 1), Jan.2017, pp 76-79. **UGC Approved Journal No. – 47088**
22. Treatment of tannery wastewater by activated sludge process, International journal of elixir renewable energy, ISSN 2229-712X, 102(2017), pp 44280-44285
23. .Durability Response of High Performance Concrete with Metakaolin and Rice Husk Ash, International Journal of Scientific Research and Review, ISSN: 2279-543X, Dynamic Publisher, Vol.7, Issue 2,2018, pp 122- 130. **UGC Approved Journal**
24. Cost and Time overrun analysis in Construction Industry using Questionnaire survey, International Journal of Innovative Research in Technology (IJIRT), ISSN:2349-6002, Vol.9, Issue 1, pp 1468-1472, **UGC approved journal No.47859**
25. Study on Ground improvement Technique using Bamboo stick and coir fiber as reinforcement. Positif Journal , ISSN 0048-4911.Vol.22.Issue 8,Aug.2022,pp 199-207. <https://doi.org/10.37896/psj30.8/1320>, **Scopus Indexed.**
26. Study on Behaviour of Coconut Fiber Reinforced Concrete, Positif Journal , ISSN 0048-4911.Vol.22.Issue 9, Sep.2022,pp 16-20. <https://doi.org/10.37896/psj30.9/1402>, **Scopus Indexed.**
27. Performance Of C.L.C Bricks With Coir Fibers And Plastic Fibers, Dizhen Dizhi Journal (ISSN:0253-4967), Volume XIV, Issue IX, pp 1-5,Sep'2022, doi.org/10.37896/Dizhen Dizhi 14.09/10514, **Scopus indexed & UGC CARE II journal.**
28. Influences of Effluent water in Concrete, Journal of Xidian University (ISSN:1001-2400),Vol.16,Issue.12, pp 7-12 Dec'2022, <https://doi.org/10.37896/jxu16.12/002>, **Scopus indexed & UGC CARE II journal.**

International Conference: 13

1. Evaluation of strength and durability assessment for the impact of rice husk ash and metakaolin at high performance concrete mixes, International Conference on Futuristic Research in Engineering Smart Materials, GRIT ,Hyderabad, Materials today Proceedings, ISSN: 2214-7853 Vol.47, Part 14, pp 4584-4591, 2021 <https://doi.org/10.1016/j.matpr.2021.05.449>, **Scopus Indexed , WoS indexed.**

2. Experimental investigation on the behavior of reinforced concrete beam retrofitted with Jute fiber sheet-Proceedings of the International Conference on Current trends in Engineering and Technology, 3rd July 2013, Akshaya college of Engg. & Technology, Coimbatore. ICCTET , 2013 pp 3-15,0667 5902 . **Scopus Indexed, WoS indexed.**
3. Effect of anchorage length on performance of reinforced concrete beam-column joints- Proceedings of the International conference on advances in materials and technology , 7th -9th Jan 2010 V.L.B. Janakiammal College of Engg & Tech. , Coimbatore.
4. Finite Element Modeling of Reinforced Concrete Beam Column Joints Retrofitted with Aramid Fiber Reinforced Polymer Sheets. Proceedings of International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2011) pp 7-10 , 16th-18th July 2011@ Paavai Engineering College, Nammakal.
5. Correlation Based Damage Detection for Structural Health Assessment,13th &14th March, ICCCIM'14,S.R.M University, Chennai.
6. Behavior of RCC Flexural member Under Shock Loading, 13th &14th March , ICCCIM'14,S.R.M University,Chennai.
7. Experimental Investigation on behavior of Self Healing Concrete, International conference on 'Science,Engineering &Technology @ VIT on 6th & 7th May 2014.
8. Vibration based damage detection for Structural Health Assessment, International conference on 'Science,Engineering & Technology @ VIT on 6th & 7th May 2014.
9. Numerical Investigations on Blast protection system with metallic tube core sandwich panels, International conference on sustainable energy and built environment, VIT, Vellore on 12th & 13th March 29, 2015.
10. Experimental study on flexural and shear behavior of fiber reinforced concrete beams, International Conference on recent trends in mechanical and civil engineering – ICRTMCE'16 @ Christian college of Engineering & Technology , Dindigul17th -19th March 2016.
11. Treatment of combined waste water by activated sludge process, International conference on Recent trends in structural and Environmental engineering – ICRTCEE – 16 @ University college of Engineering , Dindigul on 23rd May 2016.
12. Prediction based performance evaluation in beam column joint with the aid of artificial neural network. ICRTCEE – 16 @ University college of Engineering , Dindigul on 23rd May 2016.
13. Scheduling of Multistoried Buildings using MS Project , Proceedings of Int. Virtual Conference on Innovations in Concrete and Constructions - ICON 2021, 10th & 11th June 2021 @ Sona College of Tech, Salem.

National Journals: 6 (UGC approved – 3)

1. Assessment of Surface Water Quality in Machanpally(V),Mahabubnagar(Dist.) Telangana State, Surajpunj Journal for multidisciplinary research (ISSN: 2394-2886), Vol.12,Issue 7, pp 26-32, July 2022 , **UGC approved journal No:64786.**
2. Scheduling of multistory building using Microsoft Project, Surajpunj Journal for multidisciplinary research (ISSN: 2394-2886), Vol.12,Issue 2, pp 42-55, Feb'2022 , **UGC approved journal No:64786.**

3. Rapid chloride penetration resistance of blended cements containing metakaolin and rice husk ash., SurajPunj Journal for multidisciplinary research, ISSN 2394-2886, Vol.8, Issue 8, 2018. **UGC approved journal No:64786.**
4. Strength characteristics of concrete with Indian metakolin and rice hush ash , Journal of Advances in chemistry , ISSN 2321-807X, Vol.13, No.3, pp 6140-6150 , Jan. 2017.
5. Experimental investigation on influence of development length in retrofitted reinforced beam-column joints – NBM & CW, April 2009 pp 148-158
6. Experimental Investigation on behavior of reinforced Beam-Column Joint retrofitted with FRP wrap subjected to static load– NBM&CW, Oct 2009 pp 204-218.

National Conferences: 8

1. Studies on the behavior of retrofitted reinforced concrete beam-column joint using CFRP wrapping – Proceedings of the national conference on recent developments in concrete technology, 21st&22nd December.2006 , Govt. College of Tech., Coimbatore.
2. Experimental Investigation on the retrofitted reinforced concrete beam-column joint using CFRP wrapping- Proceedings of the national conference on frontline areas in civil engineering , 20th - 21st April.2007., V.L.B.Janakiammmal College of Engg & Tech. , Coimbatore
3. Finite element modeling on the behavior of reinforced concrete beam-column joint retrofitted with GFRP wrapping - Proceedings of the national conference on innovations in civil engineering, 20th April, 2010., Kumaraguru College of Tech., Coimbatore.
4. Finite element modeling on the behavior of retrofitted reinforced concrete beam column joints Proceedings of the National conference on Advancements in concrete Technology, 23rd & 24th September, 2010., K.S.R College of Tech., Tiruchengode.
5. Finite element modeling on the reinforced concrete beam column joints retrofitted with Aramid FRP sheets, Proceedings of the National conference on Recent Advances in Civil Engineering Research, 26th January 2011., Karpagam University, Coimbatore.
6. Finite element modeling on the reinforced concrete beam column joints retrofitted with Aramid FRP sheets, Proceedings of the National conference on Earthquake and Structural Engineering , NCESE - 2011, on 15th & 16th Sep' 2011., V.L.B. Janakiammmal College of Engg & Tech. , Coimbatore.
7. Influence of self Healing Agent on Concrete, National conference on LACE'14 on 10th April 2014@ SNS college of Technology, Coimbatore.
8. Treatment of tannary waste by combined process , National conference on Green Engineering & Technologies for sustainable future , Anna University , Trichy on 16.09.16

Editorial Team Member/Associate Team Member/Guest Editor/Reviewer: 12

1. International Journal of Civil Engineering Research and Development, Thomson Reuters Research ID:J-1514-2015
2. International Journal of Latest Technology in Engineering, Management & Applied Science ISSN 2278-2540
3. International Journal of Research in Civil Engineering, Architecture & Design ISSN 2347-8284
4. National Journal of civil Engineering Research and Development ISSN 2248-9428
5. International Journal of Engineering and Science Invention ISSN 2319-6734, UGC approved journal Sl.no:2573

6. International Journal of Precious Engineering Research and Application ISSN 2456-2734 Thomson Reuters ID:3685-2017
7. International Journal of Latest Engineering.& Management Research ., UGC approved ISSN 2455-4847
8. International Journal of Research in Advanced Engineering and Technology., ISSN: 2455-0876
9. Journal of Ceramics and Concrete Technology., ISSN: 2457-0826
10. Journal of Water Resource Engineering and Pollution Studies
11. Paripex Indian Journal of research ISSN: 2250-1991,UGC approved Sl.no: 47432.
12. Journal of Emerging Technology and Innovative Research, ISSN: 2349-5162 (Membership ID: 222569)

Key Note/Guest Lecture/ Convener/Chairperson/Review committee: 18

1. Key note address ‘Basalt FRP Composites’ delivered and chairperson for a technical session in the National conference on Recent Advances in Civil Engineering Research, 26th January 2011., Karpagam University, Coimbatore.
2. Jancivil’11 symposium on 17.03.2011 @ Jansons Institute of Tech., Coimbatore.
3. Aviaka’11 symposium on 16.09.2011 @ RVS Engg.College., Coimbatore.
4. Rockfest’12 symposium on 24.02.2011 @ P.S.N Engg College , Tirunelveli.
5. National level Workshop on ‘Total Station & GPS’ on 11.01.2012 @ Hindusthan college of engg.& Tech , Coimbatore
6. Renaissance’12 symposium on 07.03.2012 @ Hindusthan college of engg.& Tech , Coimbatore
7. National seminar on ‘Sustainable Development’ on 14.03.2012 @ Hindusthan college of engg.& Tech , Coimbatore
8. National conference ‘LTIME’12 on 15.03.2012 @ Info Institute of Tech, Coimbatore.
9. Session speaker on FDP ‘Structural Analysis-I’ on 17.06.2013 @ Janson’s Institute of Tech., Coimbatore.
10. Inaugural address and session judge for Symposium Vernieuwers’13 on 10.10.13 @ Sowdambika Engineering college, Arupukottai.
11. FDP- lecture delivered about “Retrofitting of Structures” on 07.11.2013 @ PACR Polytechnic, Rajapalayam. 12.
12. Session speaker on ‘Advancements in concrete composites’ on 24.02.2014 @ Kalasalingam University, Krishnankoil
13. Inaugural address for students symposium ‘Karkkai Asthra-17” on 27.03.2017 @ Anna University, Dindigul.
14. Session speaker on FDP “Strength of materials ’ on 18.12.2016 @ Vellammal College of Engg., Madurai.
15. FDP- lecture delivered about “Retrofitting of Structures” on 20.01.2018 @ Asoka Engineering College, Hyderabad.
16. Session speaker on “Structural health monitoring” on 15.11.2018 @ Anurac CVSR Engineering College,Hyderabad.
17. Session speaker on “ Non Destructive Testing on Concrete on 18.07.2019 @ Malla Readdy Engg College, Hyderabad.
18. ScTACE 2021- Conference review committee member from 14/10/21 to 16/10/21 @ SVECW(A),Bhimavaram, AP.

National Seminar/FDP/Workshop/Symposium organized: 15

1. National level Workshop on 'Total Station and GPS' on 11.02.2012 @ Hindusthan college of Engg.& Tech., Cbe
2. National seminar on 'Sustainable development' on 18.02.2012 @ Hindusthan college of Engg.& Tech., Cbe
3. National level Technical symposium Renaissance'2012 on 07.03.2012 @ Hindusthan college of Engg.& Tech., Cbe
4. Faculty development programme on 'Structural solution using Stadd Pro' on 23rd&24th Aug'12 @ Hicet,Coimbatore
5. Work shop on 'Total station & GPS' on 24.01.2013 @ P.S.R Engg.College.Sivakasi.
6. National Conference on Recent Trends in Civil Engg (RACE-13) on 26.04.2013 @ P.S.REngg.College,Sivakasi.
7. Workshop on 'Construction Safety Management' on 08.08.2013 @ P.S.R Engg.College,Sivakasi.
8. Workshop on 'Introduction to software application in civil engineering' on 26.02.2014 @ P.S.R Engg.College,Sivakasi.
9. Seminar on ' Highway pavemants –Design & Constructions' on 28.02.2014 @ P.S.R Engg.College,Sivakasi.
10. National Conference on Recent Trends in Civil Engg (RACE-14) on 21.03.2014 @ P.S.REngg.College,Sivakasi.
11. Workshop on 'Practices on ETAB & SAP 2000' on 16.02.2015.@ P.S.R Engg.College,Sivakasi.
12. National Conference on Recent Trends in Civil Engg (RACE-15) on 27.03.2015 @ P.S.R Engg.College,Sivakasi.
13. National Conference on Recent and Advance trends in civil engineering (RATCE-17) 30.03.2017 @ SSM institute of Engg.&Tech.,Dindigul.
14. Faculty development programme on 'Software application in Civil Engineering Beyond curriculum" between 17th and 20th Dec',2018 @ ACE Engineering College, Hyderabad.
15. Tech-Fest FACEit-2019 inter college Symposium on 8th & 9th March @ ACE Engineering College, Hyderabad.

Conference/Workshop/Seminar/STTP/Training undergone: 28

1. M.E Project training from August 2005 to March 2006 @ SERC Chennai.
2. National Conference on 'Recent Developments in Concrete Technology' @ GCT. Coimbatore on 21st & 22nd December 2006
3. Workshop on 'Modern Trends in Construction and Building Bye-Laws'@ VLBJCET, Coimbatore on 9th September 2006
4. Workshop on 'Steel Today and Tomorrow' @ G.C.T, Coimbatore on 23rd February'2007
5. National Conference on 'Frontline Areas in Civil Engineering' @ VLBJCET Coimbatore on 20th & 21st April 2007
6. Pedagogic training from July 30 to August 03,2007 @ Karunya University, Coimbatore.
7. Workshop on 'Durability aspects of concrete structures' @ VLBJCET Coimbatore on 10th October 2007
8. National Conference on 'Application of GIS in Civil Engineering' @ Karunya University Coimbatore on 16th February 2008
9. National level workshop on 'Modern construction practices in Steel and Concrete' @ Vellammal Engg.College, Madurai on 1st March 2008

10. STTP on 'Software Application in Civil Engineering' @ K.C.T, Coimbatore on May 2008
11. Work shop on 'Design of steel structures as per IS 800:2007' @ Karunya University on 2nd August 2008
12. National level seminar on 'Recent Advancements in Earthquake resistant structures' @ SRIT Coimbatore on 9th August 2008
13. STTP on 'Advances in NDT and its applications' @ N.I.T Suratkal from 19th to 24th January 2009
14. Workshop on 'Rehabilitation of structures' @ Kongu College of Engineering, Erode on 23rd February 2009
15. Workshop on 'Earth quake resistant design of masonry structures' @ C.I.T, Coimbatore on 11th March 2009.
16. STTP on 'Design of Steel Structures' @ VLBJCET, Coimbatore from 1st to 13th June 2009
17. STP on 'Role of faculty in shaping the best Technocrats', @ Avinasilingam University, Coimbatore on 11th & 12th November 2009.
18. Workshop on 'Health Monitoring of RCC Structures' @ V.I.T on 22nd Jan'2010
19. STTP on 'Modern Concrete & Techniques' @ Esha College of Engg., Coimbatore from 31st May to 12th June 2010.
20. National level workshop on 'Finite element modeling of earthquake resistant structures' @ VLBJCET on 05.10.2010
21. Regional workshop on 'Seismic Assessment and Retrofitting of Structures' @ Karpagam University on 23rd October 2010.
22. Faculty Development program on 'Applied hydraulic engineering' @ S.N.S.College of Tech between 10.01.2011 & 12.01.2011
23. National level experience-sharing workshop on 'Water Management Strategies for Arid and Semi-arid Zones' @ Karunya University on 22nd & 23rd March,2011
24. AICTE Staff Development Programme on 'Advanced Developments in Concrete' @ Sri Ramakrishna Institute of Technology between 11.07.2011 and 24.07.2011
25. Academic-Industry Interactive meet on 'Recent Trends in Structural Engineering' @ Karunya University on 3rd Sep'2011
26. STTP on 'Structural Dynamics' @ Bannari Institute of Tech., Satyamangalam from 19th to 26th Dec' 2011.
27. FDP on 'Design of Steel Structures and Quality Control in Fabrication' on 30th Dec'2015 @CARE group of Institution ,Trichy.
28. FDP on Industry perspectives in Civil Engg on 29th Sep' 2018 @ TASK,Hyderabad

Patent Filed & Published: 7

1. Designing a framework of construction techniques with smart devices integrated with Internet of things,. application no. 202241056474 filed on 01.10.22. Published on 21.10.2022, Intellectual Property India, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Govt. of India
2. Crack detection and testing of buildings strength through image processing to predict the condition of building. wide application no: 202241034671, filled on 17/06/22, Published on 22.07.2022, Intellectual Property India, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Govt. of India.
3. Advanced robotic application to supervise the construction site and check for dimensional deformities. wide application no: 202221012858, filled on 12/03/22, published on 29/04/22/,

Intellectual Property India, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Govt. of India.

4. Experimental Studies on Banana fiber with Concrete composites, wide application no: 202141053716, filled on 23/11/21, Published on 10/12/21, Intellectual Property India, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Govt. of India.
5. 5G Technology enabled Smart e-healthcare system”. wide Application no: 202141036911, Filed on 14/08/2021, Published on 24/09/2021, Intellectual Property India, Department of Industrial Policy and Promotion , Ministry of Commerce and Industry, Govt. of India.
6. The influence of different treatment applied to flax fibers on different properties of mortar reinforcement, Ref. no. 202141028760 , Filed on 26.06.21, Published in Journal no.28/2021 dt: 09.07.21, Intellectual Property India, Department of Industrial Policy and Promotion , Ministry of Commerce and Industry, Govt. of India.
7. Door Mounted Door Handle Sanitizer Dispenser , Ref.No: 202041026845, Filed on 25.06.20 , Published on Journal no: 28/2020 dt:10.07.2020 , Intellectual Property India, Department of Industrial Policy and Promotion , Ministry of Commerce and Industry, Govt. of India.

Book published

Stainless Steel in Civil Engineering, Scientific International Publishing House, Sep'2022,
<https://www.flipkart.com/stainless-steel-civilconstruction/p/itm7cdc70ef4a855?pid=9789356254701>

Research Experience:

- Doctoral thesis guided:
Anna University wide reg.no: 1102099, dt: 26.04.2011- No. of candidates registered– 3, Awarded -1(reg.no: 11210231029)
Karunya University wide no.:KU/D(R)/REG/11/342 dt: 05.12.2011-No.of candidates registered -1
Karpagam University wide no.:R/EN/A5/E01/2011/113 dt: 21.03.11.
- Research & Consultancy Projects:

Membership of Professional bodies:

- Fellow in Institution of Valuers (F.I.V-F-22200)
- Fellow in Indian Association of Structural Engineering (IAstructE – F 259)
- Fellow in International Association of Engineering and Management Education (IAEME)
- Member in Indian Society of Technical Education (M ISTE –L 12466)
- Member in Institute of Engineers (MIE – M 139764/2)
- Member in Indian Association for Structural Rehabilitation (IASTR – A 00125)
- Member in Cafet-Innova Technical society (MCITS)
- Member in International Association of Engineers (IAENG)
- Member in Structural Engineering form of India (SEFI)
- Member in Institution of Civil Engineers (India) – ICE (I)
- Member in Indian Society for Non-Destructive Testing – (MIS-NDT)
- Member in Indian Society of Structural Engineers – (M ISSE)
- Member in Indian Concrete Institute – (ICI M-10080)

- Member in NICEE – (16370013)
- Member in International society for Photogrammetric and remote sensing (ISPRS)
- Member in The Indian Science Congress Association , Kolkatta (ISCA)
- Member in Indian Water Resources Society, Roorkee (IWRS)
- Member rep. in Indian Green Building Council (IGBC - IGBCIST190311)
- Member in Institute for Engineering Research and Publication (IFERP – PM34927856)
- Member in Institution of Green Engineers (IGEN – M1001)

Award, Fellowship & Recognition:

- BHARAT SHIKSHA RATAN AWARD – 2012, Award of Excellence – Zonal round of IBCC India.
- LIFETIME ACHIEVEMENT AWARD, 6th International Scientist Awards on Engineering, Science and Medicine held on 20 & 21-Jun-2020.

A scanned signature in blue ink, appearing to read 'S. Ravi', with a long horizontal stroke extending to the right.

Scanned Signature

(Dr. S. Robert Ravi)

Date: 02.01.2023