

BIO DATA

1. **Name** : Dr.V. Revathi
2. **Department** : Civil Engineering
3. **Date of Birth** : 11.05.1968
4. **Present Designation** : Professor & Vice Principal



5. Educational Qualification

Degree	Institute / University	Specialization	Name of the Degree	Year	Division
UG	Government College of Engineering, Salem Madras University	Civil	B.E.	April 1989	First
PG	Pondicherry Engineering College, Puducherry Pondicherry University	Advanced Construction Technology	M.Tech	Feb 2003	First with Distinction
Ph.D	Government College of Technology, Coimbatore Anna University	Civil	Ph.D	Jan 2010	Highly Commanded – Indian Examiner Commanded – Foreign Examiner

6. Employment Record (from present to past)

Organization	Period		Designation
	From	To	
KSR College of Engg, Tiruchengode	24.06.2024	Till date	Professor & Vice Principal
KSR College of Engg, Tiruchengode	30.04.09	23.06.2024	Professor & Head
KSR College of Engg, Tiruchengode	01.07.08	29.04.09	Professor
KSR College of Engg, Tiruchengode	01.07.04	30.06.08	Asst. Professor
KSR College of Engg Tiruchengode	28.05.03	30.06.04	Sr. Lecturer
Kongu Polytechnic College, Perundurai	01.11.98	20.05.03	Lecturer
Kongu Engg College, Perundurai	07.08.89	31.10.98	Lecturer

7. Memberships of Professionals / Learned Bodies / Societies

Sl. No.	Name of the Professionals/Learned bodies/Societies	Membership No
1.	ISTE Life Membership	LM 38410
2.	ICI Life Membership	M-7354

8. Details of Subject Handled (Last five years) - 2017-2018 to 2023-2024

Sl. No	Academic Year	Semester	Name of the Subject	Class	Percentage of Pass (%)
1.	2023-24	V	Structural Analysis I	III year BE	89.6
2.	2022-23	III	Construction Planning & Scheduling	II Year ME CEM	100
3.	2022-23	I	Advanced Concrete Technology	I ME ACT	80
4.	2022-23	V	Structural Analysis I	III year BE	100
5.	2021-22	VI	Structural Analysis II	III year BE	77.3
6.	2021-22	V	Structural Analysis I	III year BE	100
7.	2020-21	III	Construction Planning & Scheduling	II Year ME CEM	100
8.	2020-21	V	Structural Analysis I	III year BE	73
9.	2019-20	IV	Strength of Materials	II year BE	100
10.	2019-20	V	Structural Analysis I	III year BE	86
11.	2018-19	VIII	Principles of Architecture	IV Year BE	100
12.	2018-19	V	Structural Analysis I	III year BE	92.8
13.	2017-18	VIII	Principles of Architecture	IV Year BE	100
14.	2017-18	V	Structural Analysis I	III year BE	98.11

9. Awards

1. Senior Woman Educator & Researcher Award received from National Foundation for Entrepreneurship Development [NFED] on 08.03.2017
2. Woman of Excellence Award received from 11.03.2022 from Dindigul District HR Foundation DDHRF, Dindigul

10. R & D Details

a) Fund Received

Year	Project Title	Reference No	Total Amount Received (Rs)	Sponsoring agencies
2019-20	STTP – Analysis and Design of Shallow Foundations	ICT 10 – dt.17.08.2019	14,450	NITTTR, Kolkatta
2018-19	STTP- Problem Based Learning	dt.31.1.2019	18,000	NITTTR, Kolkatta
2018-19	STTP – NBA Accreditation	dt. 03.04.2019	16,150	NITTTR, Kolkatta

2012-15	Development and characterization of bottom ash- blast furnace slag in geopolymer concrete and its use in interlocking paver blocks	SR/S3/MERC-0045/2011 DATED 12.06.2012	16 lakhs	Department of Science & Technology
2011-12	Modernization of Concrete Laboratory	8024/RIFD/MOD-135(Pvt.)/Policy-III/2011-2012 DATED 06.03.2012	15 lakhs	AICTE, New Delhi
2011-12	National conference on 'Advances in Concrete and Construction Technology' April 19-20, 2012	SYM/6957/11-HRD dated 09.02.2012	30,000	CSIR New Delhi
2009-10	Modernization of Strength of Materials Laboratory	200-21/FIN/2001-2002 Dated 28.01.2010	10 lakhs	AICTE, New Delhi

b) Conference Fund Received from Private Agencies

Title of the Conference	Duration	Sponsoring agencies	Amount received
International Conference on Civil, Structural and Environmental Engineering	2 days	Classic Polo and royal Group of Companies, Tirupur	Rs.50,000.00
		The Engineer's 1985 batch of Thiagarajar College of Engineering, Madurai	Rs.25,000.00
		Other Construction Companies in Tirupur, Namakkal and Tiruchengode	Rs.86,500.00
Second International Conference on Civil, Structural and Environmental Engineering	1 day	Pvt/Construction firms	2,41,000

c) Supervisor Recognition Details

Name of the University	Recognition Reference No	No. of PhD	
		Supervising	Completed
Anna University, Coimbatore/Chennai	1002085/ 2710033	10	8

d) Patents:

S.No.	Title	Inventors	Application No.	Date	Status
1.	Innovative Bottom Ash Geopolymer Concrete Blocks	Dr.V.Revathi Mr.R.Saravanakumar	1830/CHE/2015	07.04.2015	Published
2.	Development of Self Compacting Self Curing Concrete With Flyash Aggregate	Dr.V.Revathi Mr.R.Gopi	3512/CHE/2015	09.07.2015	Published
3.	Development of FAL-G Binder Pervious Concrete for Parking Lots	Dr.V.Revathi Mr.K.S.Elango	3513/CHE/2015	09.07.2015	Published
4.	Sew Water Desalination Apparatus Using Solar Energy	Dr.V.Revathi Dr.S.Senthilkumar Dr.P.Sudha Dr.N.Muralimohan	358316-001	10.02.2022	Design Patent Granted 11.04.2022
5.	Self-Compacting Concrete with Nano-Silica Gel	Dr. V. Revathi Dr. M. Gunasekaran Mr. R. Babu Mr. K. Selvakumar Mr. A. Thomas Eucharist Dr. P. Prasanthni Dr. A. Alex Rajesh	202341078086 A	17.11.2023	Published 29.12.2023
6.	Development of Bricks Using Flowable Slurry Technology	Dr. V. Revathi M. Santhoshkumar R. Gowrisankar A. Vikash	202441033883 A	29.04.2024	Published 03.05.2024
7.	Automated Concrete Mixing Device	Dr. V. Revathi Dr. R. Jagadeesan Dr. M. Gunasekaran Dr. P. Prasanthni Mr. R. Babu Mr.T.Vijayashankar Mr.S.Dineshkumar Mr. R. Gowrishankar	414288-001	19.04.2024	Designs Patent Granted 06.06.2024
8.	High Speed Slurry Mixer For Investment Casting	Dr. V. Revathi M. Santhoshkumar R. Gowrisankar A. Vikash.	415193-001	28.04.2024	Designs Patent Granted 14.06.2024

11. Publications

i) Publications in Journals

Sl. No	Details
2023-2024	
1.	R.Saravanakumar, K.S.Elango, V.Revathi and D.Balaji Influence of Aggressive Environment in Macro and Microstructural Properties of Bottom Ash Geopolymer Concrete', Sustainability 2024, 16, 1732, pp.1-17. https://doi.org/10.3390/su16051732 (MDPI) (Web of Science & Scopus) – Q1)
2.	Priyanka Rajendran , Revathi Vaiyapuri, Rajaiah Selvaraj (Sep 2023) Optimizing electrokinetic treatments for enhanced mortar durability: ionic migration and microstructural analysis', Revista Matéria, v.28, n.4, pp.1-15. DOI: https://doi.org/10.1590/1517-7076-RMAT-2023-0210 (Web of Science & Scopus) – Q4)
2022-2023	
3.	P. Karthick V.Revathi (2022) 'Experimental Studies on Ambient Cured Self-Compacting Geopolymer Concrete made with GGBS And Bottom Ash', Romanian Journal of Materials, 52(4), 385 – 393. (Web of Science & Scopus) – Q4
4.	M. Logesh Kumar, V. Revathi (2023) Durability studies in alkaline activated systems (metakaolin – bottom ash): A prospective study ', Boletín de la Sociedad Española de Cerámica y Vidrio, vol.62, pp.40–55 (Science Direct) (Web of Science & Scopus) – Q2 – Impact factor : 3.4
5.	V.C.Prabha, V.Revathi, S.. Sivamurthy Reddy, 'Ambient Cured high calcium fly ash geopolymer concrete with dolomite powder', European Journal of Environmental and Civil Engineering, (2022), Vol.26, No.15, pp. 7857–7877. (Taylor and Francis) (Web of Science & Scopus) – Q2 – Impact factor :
6.	M.Arhuvi Nithi,P.Hema,V. Revathi (2023) ' Review on GGBS – RHA Based Geopolymer Concrete', Gradiva Review Journal, vol.9, No.5, pp.1641-1644. (Scopus)
7.	S.Sathiyaruba, P.Hema, V. Revathi (2023) 'Durability of Geopolymer Concrete Made With GGBS And RHA – A Review', Gradiva Review Journal, vol.9, No.5, pp. 1645-1648 (Scopus)
8.	T. Ravishankar, & V. Revathi (2023) 'Performance of High-Strength Concrete with Partial Replacement of Magnesium Phosphate Cement', Journal of Environmental Protection and Ecology, Vol. 24, Issue 3, pp. 838–847. (Scopus)
2021-2022	
9.	T Suthanraj, V Revathi, (July 2022) 'A Detailed Report on Quality Control Management in Construction', Industry', International Journal of Scientific Research in Engineering and Management', Vol.6, No.7, pp.1to5.
10.	N. Prabakar, V.Revathi, (July 2022) Seismic Analytical Study Of RC And Steel Structures With Lead Rubber Bearing In Dampers Using ETABS', International Research Journal of Engineering and Technology, Vol.6, No.7, pp.669-673.
2020-2021	
11.	K.S.Elango, V.Revathi, (2021) ' Geopolymer binder for pervious concrete', Građevinar, Vol. 73, No.3, pp.209-218. (Croatian Association of Civil Engineers, Croatia) ((Web of Science & Scopus)
12.	K.S.Elango, V.Revathi (2020) Mechanical and Durability Studies on Pervious Concrete Using Different Types of Concrete', Romanian Journal of Materials, vol.50, no.2, pp.258-267. (Foundation for Materials Science and Engineering “Serban Solacolu”) ((Web of Science & Scopus)
13.	M. Logesh Kumar, V. Revathi (2020) 'Microstructural Properties of Alkali-Activated Metakaolin and Bottom Ash Geopolymer', Arabian Journal for Science and Engineering, vol. 45, pp.4235–4246. (Springer) (Web of Science & Scopus)
14.	R.Gopi, V.Revathi (2020) 'Flexural Behavior of Self Compacting Self Curing Concrete with Lightweight Aggregates', Materials Today: Proceedings, Vol. 45, Part 2, pp. 2449-2455.(Elsevier) (Web of Science & Scopus)
2019-2020	
15.	R.Gopi, V.Revathi, (2019) 'Influence of presaturated light expanded clay And fly ash aggregate in self compacting concrete', Romanian Journal of Materials, vol.49, no.3, pp.370 -378. (Foundation for Materials Science and Engineering “Serban Solacolu”) ((Web of Science & Scopus)

16.	K.S.Elango, V.Revathi (2019) 'Infiltration and clogging characteristics of pervious concrete', Asian Journal of Civil Engineering, Vol.20, No.8, pp.1119-1127. (Springer) (Web of Science & Scopus)
17.	V.C.Prabha, V.Revathi (2019) 'Geopolymer mortar incorporating high Calcium fly ash and silica fume', Archives of Civil Engineering, vol. LXV (63), No.1, pp.3-15. (Polish Academy of Sciences, Poland) (Web of Science & Scopus)
18.	P. Ramya, V. Revathi S. Sivamurthy Reddy 'Potential Reuse of Treated Textile Effluent in Fly Ash Concrete', Journal of Testing and evaluation, Vol.47, No.6, pg.14, Nov 2019 (ASTM) (Web of Science & Scopus)
2018-2019	
19.	V. Revathi , K. S. Elango, R. Kalaimani (2019) 'Bottom Ash Based Geopolymer Concrete Paver Blocks', International Journal of Advances in Mechanical and Civil Engineering, vol.6, no.1, pp.32-37.
2017-2018	
20.	R.Saravanakumar, V.Revathi (2017) ' Some Durability Aspects of Ambient Cured Bottom Ash Geopolymer Concrete', Archives of Civil Engineering, vol.LXIII (63), No.3, pp.99-114. (Polish Academy of Sciences, Poland) (Web of Science & Scopus)
21.	P.Hema, V.Revathi (2018) 'A Review on Geopolymer Concrete', International Journal of Latest Engineering and Management Research', vol.3, No.2, pp. 43-48.
22.	K.P. Vishalakshi , V. Revathi ,S. Sivamurthy Reddy, 'Effect of Type of Coarse Aggregate on the Strength Properties and Fracture Energy of Normal and High Strength Concrete', Engineering Fracture Mechanics, Vol. 194, pp. 52-60, May 2018. (ScienceDirect) (Web of Science & Scopus)
23.	V. Revathi, K.Sriramgopal, (2018) 'Experimental Investigations on Flowable Fly ash Bricks', International Journal of Engineering Research in Mechanical and Civil Engineering, Vol, 3, No. 4, pp. 113-115.
2016-2017	
24.	P.Ramya and V.Revathi 'Influence of textile effluent on the reaction, structure and properties of fly ash concrete, Journal of Advances in Chemistry, vol.12, No.22, pp.5454-5462, Dec 2016.
25.	P. Ramya and V. Revathi 'Response of concrete made with partially treated textile effluent to acid attack and chloride attack, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, pp. 691-699, Oct 2016.
26.	R. Saravana Kumar and V.Revathi 'Flexural behaviour of bottom ash geopolymer reinforced concrete beams', Asian Journal of Research in Social Sciences and Humanities', Vol. 6, No. 9, pp. 820-827, Sep 2016
27.	K.S.Elango, V.Revathi 'Fal-G Binder Pervious Concrete' Construction and Building Materials, Vol. 140, pp.91–99, June 2017. (ScienceDirect) (Web of Science & Scopus)
28.	M. Logesh Kumar, V. Revathi Metakaolin bottom ash blend geopolymer mortar – A feasibility study, <i>Construction and Building Materials</i> , 114, (July 2016) 1–5. (ScienceDirect) (Web of Science & Scopus)
2015-2016	
29.	M. Logesh Kumar, and V. Revathi , "Chemical resistance of bottom ash – metakaolin blended geopolymer mortar", <i>International Journal of Advance Research in Science and Engineering</i> , vol.4, S.I (01), pp.148-154, Aug 2015.
30.	R.Gopi, V.Revathi , R.Ramya, and K.Ramesh, "Saturated light expanded clay aggregate and fly ash aggregate as internal curing agents in self compacting concrete", <i>Australian Journal of Basic and Applied Sciences</i> , vol.9, no.31, pp.226-233, Sep 2015.
31.	R.Gopi, V.Revathi , and D.Kanakaraj, "Light Expanded Clay Aggregate and Fly ash Aggregate as Self curing Agents in Self compacting Concrete", <i>Asian Journal of Civil Engineering</i> , vol.16, no.6, pp.1025-1035, Dec 2015. (Springer) (Web of Science & Scopus)
32.	D.Bhuvaneswari, V.Revathi , Durability Studies on Chemically Activated High Volume Fly Ash Concrete with Crusher Sand as Fine Aggregate, <i>Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March.,2016/710-715.</i>
33.	K.S.Elango, V.Revathi , Properties of PPC Binder Pervious Concrete, <i>Int J Adv Engg Tech/Vol. VII/Issue II/April-June,2016/444-448</i>
34.	R.Gopi, V.Revathi Self compacting self-curing concrete with lightweight aggregates, <i>Grđevinar</i> 68 (May 2016) 4, 327-333. (Croatian Association of Civil Engineers, Croatia) (Web of Science & Scopus)

35.	M. Deepika, R.Selvaraj, V.Revathi , Synthesising Phospho Silicate Rapid Hardening High Strength Mortar, <i>International Journal of Scientific Research</i> , Vol. 5, No.5 May 2016, 126-131.
36.	V.C.Prabha, V.Revathi 'Mechanical Properties of High Calcium Fly ash Geopolymer Concrete'. <i>International Journal of Earth Science and Engineering</i> , Vol. 09, No. 03, June 2016, 21-25. (Web of Science & Scopus)
2014-2015	
37.	V Revathi , R Saravanakumar, and J. Tharrini, "Effect of molar ratio of SiO ₂ /Na ₂ O, Na ₂ SiO ₃ /NaOH ratio and curing mode on the compressive strength of ground bottom ash geopolymer mortar", <i>International Journal of Earth Science and Engineering</i> , vol.7, no.4, pp.1511-1516, Aug 2014 (Web of Science & Scopus)
38.	D.Bhuvaneswari, V.Revathi , and K.Thiyagu, "Effect of addition of NaOH on compressive strength of high volume fly ash concrete", <i>International Journal of Earth Science and Engineering</i> , Vol.7, No.6, pp.2614-2619, Dec 2014 (Web of Science & Scopus)
39.	Tashi Choden Gurung, N. Banu Priya Amar Prakash, J. Rajasankar, V. Revathi , and M. Velumani, "Experimental study on low velocity impact behavior of cementitious Composite beams and panels", <i>Integrated Journal of Engineering Research and Technology</i> , vol.2, no. II (a), pp.156-165, Apr 2015
40.	S. Poornima Bharathi, R. Gopi, and V Revathi , "Strength and Durability Studies on Self Compacting Self Curing Concrete using Lightweight Aggregates", <i>Integrated Journal of Engineering Research and Technology</i> , vol.2, no. II (a), pp.178-185, Apr 2015.
41.	M. Logesh Kumar, V. Revathi , and J. Jeevan, "Weathering resistance of bottom ash – metakaolin blended Geopolymer mortar", <i>Integrated Journal of Engineering Research and Technology</i> , Vol.2, No. II (a), pp.186-189, Apr 2015.
42.	V.Revathi , J.Jeevan, and <i>B.I.Gautamen</i> , "Weathering resistance of bottom ash – GGBS blended geopolymer mortar", <i>International Journal of Applied Engineering Research</i> , vol.10, no.38, pp.28128-28133, Apr 2015.
43.	V. Revathi , J. Tharrini, and M. Venkob Rao, "A prospective study on alkali activated bottom ash-GGBS blend in paver blocks", <i>International Journal of Civil, Architectural Science and Engineering</i> , vol.8, no.3, pp.290-297, March 2014.
44.	M.Kanitha, P.Ramya, V.Revathi , and S.Bhuvanya, "Potential utilization of treated/untreated textile effluent in concrete", <i>International Journal of Research in Engineering and Technology</i> , vol. 03 no: 07, pp.518-522, May 2014.
2008-09	
45.	V.Revathi V.L.Narashima and S.Jayanthi 'Studies on the Performance of Quarry Waste in Flowable Fly Ash-Gypsum Slurry', <i>Modern Applied Science – Canadian Centre of Science and Education</i> , Vol.3 No.2 pp147-153, Jan 2009.
2004-05	
46.	V.Revathi V.L.Narashima 'Development and Characterization of Flowable Fly ash – Gypsum Slurry', <i>The Indian Concrete Journal</i> , Vol 1 pp. 49-53, Jan 2005 (Scopus)

ii) Papers Presented in International Conferences

Sl. No	Details
2023-2024	
1.	Revathi V, Jayanthi S, Vijayashankar T, Saravanaganesh S 'Optimization Experimental Studies on Fly Ash Gypsum Slurry in Aggressive Environment', Proceedings of The 9 th international Conference On Civil, Structural and Transportation Engineering (ICSTE 2024), June 13 -15, 2024, Chestnut Conference Centre, University of Toronto, Toronto, Canada
2019-2020	
2.	V. Revathi, S.Jayanthi 'Experimental Studies on Fly Ash Gypsum Slurry', 2nd International Conference of Sustainable Building Materials, Eindhoven The Netherlands , vol.3, pp. 51-59, 12-15 August, 2019.
2018-2019	
3.	V. Revathi , K. S. Elango, R. Kalaimani 'Bottom Ash Based Geopolymer Concrete Paver Blocks', Proc. Int. conf. of IASTEM International Conference, Colombo, Sri Lanka , , pp.1-6, 16th-17th November 2018

4.	Kowsalya. D, Ravi Shankar. T & Revathi. V 'Experimental Study on Concrete Based on Magnesium Phosphate Cement', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp. 44-47.
5.	Ravikumar .M, Ravi Shankar. T & Revathi.V 'A Review on Magnesium Phosphate Cement', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-4.2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp.53-56.
6.	Vishalakshi, K.P, Revathi, V & Sivamurthy Reddy. S 'Mechanical Properties of Normal and High strength Concrete Made with Different Types of Coarse Aggregates', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp.57-62.
7.	Priyanka. R, Selvaraj, R & Revathi. V 'Experimental Investigation on Raw and Thermally Treated Clay Based Geopolymer Concrete', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp. 109-119.
8.	Vinotha. S, Thomas Eucharist. A & Revathi. V 'Experimental Investigation on Bagasse Ash and GGBS in Geopolymer Concrete', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, pp. 128-133.
9.	Hema. P & Revathi. V 'Fly Ash Based Geopolymer Mortar Made with Sea Water', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp. 144-146.
10.	Priyadharsini. M, Karthick.P & Revathi.V 'Mechanical Properties of Self Compacting Geopolymer Concrete with GGBS and Bottom Ash', Proc. Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India, 15th March 2019, pp.147-150.
2017-2018	
11.	V.Revathi , K.Sriramgopal, Experimental Investigations on Flowable Fly ash Bricks Proc. Int. conf. on Recent Innovations in Science Engineering and Technology (ICRISCT), ISRER, Dubai , pp.10-12, 28.04.18
12.	Indhu S, Thomas Eucharist, V.Revathi , 'Experimental studies on Use of GGBS in Geopolymer mortar Under Heat curing Conditions,' International conference on "Advanced Science and engineering research (ASER2018)" AL-Ameen Engineering college, pp-1273—1276, 05.4.18
13.	V.Revathi , D.Bhuvanewari, K.Thiyagu, 'Experimental Studies on Flexural Behaviour of Chemically Activated High Volume Fly ash Reinforced Concrete Beam, Proc. Int. conf. on Civil and Structural Engineering, Kuala Lumpur, Malasia , , pp.66-70, 31.03.2018
14.	P.Hema, V.Revathi 'A Review on Geopolymer Concrete', Proc. Int. conf. on Frontline Areas of Civil Engineering 5.1.18 to 6.1.18, Sri Krishna College of Technology
2016-2017	
15.	S.Vinitha, V.Revathi "Study on factors influencing quality in Construction projects", Proc. Second Int. conf. Sustainable practices in Civil Engineering, KPR Institute of Technology, Coimbatore, pp.73.
16.	K.P.Vishalakshi, V.Revathi , "Strength Properties Of Concrete Made With Different Types of Aggregates", Proc. Int. conf. <i>Emerging and Sustainable Technologies for Infrastructure Systems</i> , ESTIS'2016, Dept. of Civil Engineering, Amrita Vishwa Vidyapeetham, pp.1-6, April 22nd & 23rd, 2016.
17.	V C Prabha, V.Revathi , "Mechanical Properties of High Calcium Fly ash Geopolymer Concrete", Proc. 3rd Int. Conf. <i>Earth Sciences and Engineering (ICEE 2016)</i> , Nehru Institute of Technology, Coimbatore, & Cafet Innova Technical Society, Hyderabad, pp.21-15, 17th-18th June, 2016.
2016-2017	
18.	M.Logeshkumar, V.revathi, 'Chemical Resistance of bottom ash-Metakaolin blended geopolymer mortar', International conference on Recent Advances in Engineering Science and Management, 30.08.2015, New Delhi
2014-2015	
19.	V.Revathi , J.Jeevan, <i>B.I.Gautamen</i> , 'Weathering Resistance of Bottom Ash – GGBS Blended Geopolymer Mortar, ACCAS'15, Al Ameen College, Erode, pp1-6, 10.04.15 & 11.04.15

2013-2014	
20.	D.Bhuvanewari, V.Revathi , P.Hema, Durability Studies on High Volume Fly Ash Concrete With Crusher Sand As Fine Aggregate, Innovations and Advances in Civil Engineering, Towards Green and Sustainable Systems, CIT, Coimbatore, pp.1-7, 28.04.14 to 30.04.14
21.	M.Kanitha, P.Ramya, V.Revathi , S.Bhuvanya, Potential Utilization of Treated/ Untreated Textile Effluent in Concrete, International Conference on Trends in Technology for Convergence, AVS Engineering College, Salem, ID:216, pp.1-6, 08.04.14 & 09.04.14
22.	V. Revathi , J. Thaarrini, M. Venkob Rao, A Prospective Study on Alkali Activated Bottom Ash-GGBS Blend in Paver Blocks, International Conference on Building Materials and Civil Engg, World Academy of Science, Engg & Tech, Riverview Hotel, Singapore , pp.1081-1088, 30.03.14 & 31.03.14
23.	V.Revathi D.Bhuvanewari, K.Thiagu, A Comparative Study on Compressive Strength of High Volume Fly Ash Concrete and Activated High Volume Fly Ash Concrete', International Conference on Waste Management for Sustainable Development – ICWMSD 2014, NSS College of Engineering, Palakkad, Kerala, pp.50-56, 21.03.14 to 23.03.14
24.	R.Gopi, V.Revathi , Investigation on Self compacting Self Curing Concrete using Lightweight Aggregates, International Conference on Waste Management for Sustainable Development – ICWMSD 2014, NSS College of Engineering, Palakkad, Kerala, pp.57-65, 21.03.14 to 23.03.14
25.	Mr.K.S.Elango, V.Revathi , FaL-G Binder in Pervious concrete with recycled aggregate, International Conference on Waste Management for Sustainable Development – ICWMSD 2014, NSS College of Engineering, Palakkad, Kerala, pp.110-115, 21.03.14 to 23.03.14
2010-2011	
26.	V.Revathi Dr.V.L.Narashima, Fly ash-Gypsum Slurry Bound Macadam Sandwiched in Concrete for Pavement, International Conference on Civil, Structural and Environmental Engineering, K.S.R College of Engineering, pp.28-32, Feb 18-19, 2011
27.	Dr.V.Revathi Ms.D.Bhuvanewari, High Volume Fly ash Concrete – A Review' International Conference on Civil, Structural and Environmental Engineering, K.S.R College of Engineering, pp. 109-114, Feb 18-19, 2011
28.	Dr.V.Revathi, Mrs.J.Thaarani, State-of-Art Study on Geopolymer Concrete International Conference on Civil, Structural and Environmental Engineering K.S.R College of Engineering, pp.414-421, Feb 18-19, 2011
2007-2008	
29.	Dr.V.Revathi Dr.V.L.Narashima, Ms.S.Jayanthi, Use of Fly Ash Gypsum Slurry in Pavement Base Course, International Conference on Sustainable Concrete Constructions, India Chapter of American Concrete, Institute, Mumbai, pp.143-150, Feb 8-10, 2008
30.	Dr.V.Revathi Dr.V.L.Narashima, Ms.S.Jayanthi, Design of Flowable Fly Ash-Gypsum Slurry for Granular Base Course of Road Pavements, International Conference on Advances in Concrete and Construction, Vasavi college of Engg, Hyderabad, pp 280-288, Feb 7 – 9, 2008
2002-2003	
31.	Dr.V.Revathi Dr.V.L.Narashima, Dr.T.Sunderajan, High – Calcium Fly ash- Gypsum slurry : A Potential material for high volume utilization of fly ash International Conference on Fly ash Utilization and disposal, Central Board of Irrigation &Power, New Delhi, pp 19-21, Feb 19-21, 2003

iii. Publication of Books/Proceedings/Book Chapters

Sl. No.	Title	Date of Publication	Name of the Publisher
Book Chapter			
1.	K.S. Elango, V.Revathi, S.Saravanaganesh, A. Thomas Eucharist Advances in Civil Engineering/Micro Structural Study on OPC, PPC and Geopolymer (GP) Binder Mortar	2021	AkiNik Publications 978-93-91216-91-7
International Proceedings (Ed)			
1.	Proceedings Second International Conference on Civil, Structural & Environmental Engineering "ICSEE-2019", K.S.R. College of Engineering, Tiruchengode, Tamilnadu, India ,	15.03.2019	Kongunadu Publications 978-81-935103-0-8

2.	Proceedings of International Conference on Civil, Structural and Environmental Engineering (ICSEE-11)	18.02.2011	Excel India Publishers, New Delhi ISBN: 978-93-80697-63-5
National Proceedings (Ed)			
1.	Proceedings of Eleventh Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering.	26.04.2024	NTL Technology, Namakkal 978-81-19762-98-9
2.	Proceedings of Tenth Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering.	02.06.2023	K.S.R. College of Engineering
3.	Proceedings of Ninth Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering.	10.05.2022	Kalaivani Publications, Erode 978-819543433-6
4.	Proceedings of Eighth Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering.	12.05.2021	K.S.R. College of Engineering
5.	Proceedings of Seventh National Conference on 'Trendy and Sustainable Development in Civil Engineering	12.08.2020	K.S.R. College of Engineering
6.	Proceedings of Sixth National Conference on 'Trendy and Sustainable Development in Civil Engineering	09.04.2018	K.S.R. College of Engineering
7.	Proceedings of Fifth Nat. conf. Trendy and Sustainable Development in Civil Engineering	07.04.2017	K.S.R. College of Engineering
8.	Proceedings of Fourth National Conference on 'Trendy and Sustainable Development in Civil Engineering'	21.04.2016	K.S.R. College of Engineering
9.	Proceedings of Third National Conference on 'Trendy and Sustainable Development in Civil Engineering'	15.05.2015	K.S.R. College of Engineering
10.	Proceedings of Second National Conference on 'Trendy and Sustainable Development in Civil Engineering'	03.05.2014	K.S.R. College of Engineering
11.	Proceedings of National Conference on 'Trendy and Sustainable Development in Civil Engineering'	18 & 19.04.2013	K.S.R. College of Engineering
12.	Proceedings of National Conference on 'Advances in Concrete and Construction Technology'	19&20.04.2012	K.S.R. College of Engineering
13.	Proceedings of National Conference on Contemporary Challenges & Pioneering Technologies in Civil Engineering	17.05.2010	K.S.R. College of Engineering
Book			
1.	Principles of Architecture	2008	Gnanasakthi Publishers, Erode

12 Courses Attended

Workshop/Seminar/FDP/Conference attended:

Sl. No	Title of the course	Venue	Duration
2023 – 2024			
1.	Webinar on PMP certification and its benefits for career progression	Presidency University, Bengaluru	29.09.2023
2022 – 2023			
2.	Structural Analysis using STAAD/Pro	NITTR, Chennai	06.03.2023 to 10.03.2023
3.	Outcome Based Education Recent Developments in Quality Assurance	KSRCE	12.10.2022

4.	Engineering Precision Demolition of Noida Twin Tower, India	Ultratect Cement Ltd (online)	01.10.2022
2021 – 2022			
5.	Faculty Skill Development Program	IQAC, KSRCE	11.04.2022
6.	AICTE sponsored A Beeline for Circular Economy through Sustainable Waste Management phase-2	KSRCE	20.09.2021 to 25.09.2021
7.	AICTE sponsored A Beeline for Circular Economy through Sustainable Waste Management phase-1	KSRCE	26.04.2021 to 01.05.2021
8.	AICTE sponsored Forum on Nurturing Clean-Water and Green-Waste phase-3	KSRCE	14.12.2020 to 19.12.2020
9.	AICTE sponsored Forum on Nurturing Clean-Water and Green-Waste phase-2	KSRCE	28.10.2020 to 04.11.2020
10.	AICTE sponsored Forum on Nurturing Clean-Water and Green-Waste phase-1	KSRCE	24.08.2020 to 29.08.2020
2019 – 2020			
11.	One Week online Certificate Course on Digital Teaching Techniques	ICT Academy	29.-06.2020 to 04.07.2020
12.	Short Term Course on 'Performance based Design of Structures	NITTR, Chennai	11.12.2019 to 13.12.2019
13.	STTP on Analysis and Design of Shallow Foundations, NITTTR, Kolkatta	KSRCE	26.08.2019 to 30.08.2019
2018 – 2019			
14.	STTP on Environmental Engineering Laboratory Practice – EXCITE Programme – Excellence in Civil Engineering Teaching	NITTR, Chennai	27.05.19 to 31.05.19
15.	Technical Seminar on 'Tamilnadu Combined Development and Building Rules – 2019 and its impact on Valuation'	EDCEA, Erode	12.05.2019
16.	STTP – NBA Accreditation, NITTTR, Kolkatta	KSRCE	22.04.19 to 26.04.19
17.	STTP- Problem Based Learning NITTTR, Kolkatta	KSRCE	11.02.2019 to 15.02.2019
18.	Technical Seminar on Types of cracks: causes and Remedies & Structural Design : A Primer	EDCEA , Erode	09.12.2018
19.	One Day workshop on "Outcome Based Education	KSRCE	01.11.2018
20.	Short Term Course on 'Performance Evaluation and Life Enhancement of Structures' (eLife -2018)	CSIR-SERC, Chennai, India	01-05 Oct 2018
21.	Technical Seminar on "Construction Safety"	EDCEA , Erode	15.07.2018
2017 – 2018			
22.	Workshop on Deliberations on AICTE Model Curriculum - 2018	Coimbatore Institute of Technology, Coimbatore	19.06.2018
23.	Short Term Course on Advanced Finite Element Method for Engineering Problems	CSIR-SERC, Chennai, India	11-13.06.18
24.	Role of DST in promoting ST ecosystem in INDIA: Avenues and Opportunities	KSRCE	18.11.2017
25.	Workshop on Recent Advances in Structural and Environmental Engineering	ICI chapter, KSRCE	08.09.2017
2015-16			
26.	National Workshop on Novelistic Wrinkles in Concrete and Construction Practice	KSRCE	23.09.2015
2014-15			
27.	Workshop on Recent Trends in Durability of Concrete Structures (IEI KLU Civil Student Chapter)	Kalasalingam University	07.02.2015

28.	National Conference on Role of Biotechnology Tools and techniques in Wastewater Management & (DBT, New Delhi & SERB, DST)	KSRCT	03.02.2015 & 04.02.2015
29.	A National Level Faculty Co-ordination Technoxian, Entrepreneurship Development Cell, New Delhi	Times World Group	9 & 10.10.2014
2013-14			
30.	Workshop on Waterproofing of Concrete Structures, ICI (Tamilnadu Centre) & SIKA	IIT Madras	25.04.2014 & 26.04.2014
31.	Asia Pacific Conclave on Geopolymer Binder and Concrete, Coal Ash Institute of India (Coal Ash Institute of India Curtain University, Australia)	Kolkatta	16.12.2013 to 18.12.2013
32.	CSIR sponsored National Seminar on Application of Geographic Information System and Remote Sensing for Environmental Science	KSRCE	06.09.2013
33.	CSIR sponsored National Seminar on Renewable Energy Technologies for rural Development	KSRCT	23.08.2013
2012-13			
34.	National Workshop on Geopolymer Concrete	Annamalai University	13.06.2013
35.	FDP on Disaster Management, (AICTE, New Delhi)	KSRCE	11.05.2013 to 24.05.2013
36.	Seminar on Advancement in Concrete Technology (CSIR, Delhi)	KSRCE	05-11- 2012
37.	Workshop on Systematic Technology Transfer for Sustainable Material and Structures (DRDO, Delhi)	KSRCE	22-08-2012 to 24-08-2012
38.	Autonomy as a tool for Quality Enhancement, ZIPS research Foundation	GCT, Coimbatore	26.07.2012
39.	FDP on Waste to Energy (AICTE, New Delhi)	KSRCE	20.05.2012 to 02.06.2012
2011-12			
40.	International Workshop on Sustainability and Advances in Concrete Technology	NIT, Calicut	07.05.2012 & 08.05.2012
41.	Workshop on Fundamentals of Ocean & Coastal Engineering	KSRCE	02.09.2011
2009-10			
42.	International Workshop on Geopolymer Cement and Concrete (Ministry of Earth Science)	Annamalai University	07.12.2010
43.	Short Term Training Programme on Recent Advances in Bituminous Materials Characterization and Evaluation (AICTE, New Delhi)	Indian Institute of Technology, Chennai	07.12.2009 - 09.12.2009
44.	National Seminar on Awareness of Solid Waste Management	KSRCE	21.10. 2009
45.	Training Workshop for Academic Auditors (Anna University, Coimbatore)	Kumaraguru College of Technology, Coimbatore	28.01.2009
2008-09			
46.	Workshop on Audit Policy and Conduct of Internal and External Audit (Anna University, Coimbatore)	Vivekananda Institute of Engineering and Technology for Women	16.07.2008
2007-08			

47.	Short Term Training Programme on Recent Advances in Flexible Pavement Engineering (AICTE, New Delhi)	Indian Institute of Technology, Chennai	16.07.2007 – 21.07. 2007
2006-07			
48.	Fifth Asian Symposium on Polymers in Concrete (Council of Scientific and industrial Research Centre & many other Organizations)	Structural Research Centre, Chennai	11 .9.2006 – 12.09.2006
2005-06			
49.	Capsule Course on An exposure on Quality assurance in Civil Engineering through Material Testing (Ministry0 of Consumer Affairs Food & Public Distribution)	National Test House (S& R), Chennai	15.02.2006 - 16.02. 2006
2004-05			
50.	Short Term Programme on Pavement and Traffic Engineering (AICTE, New Delhi)	Indian Institute of Technology, Kanpur	04.10.2005 - 07.10.2005
51.	Workshop on Remote Sensing and GIS application in Civil Engineering	KSRCT	09.09.2005
52.	Workshop on Software Applications in Civil Engineering (RamCaddsys Pvt. Ltd, Chennai)	KSRCE	09.04. 2005
53.	Training program on Design of High Strength and High performance Concrete (Dr FIXIT Institute)	Coimbatore Institute of Technology, Coimbatore	01.02. 2005
2003-04			
54.	Short term Training program on Hazardous waste management and Water Pollution Control (Indian Society for Technical Education, New Delhi)	Kongu Engineering College, Perundurai	28.11.2004 - 11.12.2004
55.	Refresher course on Proposed Revision of IS: 800 (Institute for Steel Development and Growth (INSDAG), Kolkatta)	Kongu Engineering College, Perundurai	22.04.2004- 23.04.2004
56.	Seminar on Role of Citizen in Environmental Management and Water Resources Development (WRO, PWD, Coimbatore)	RREC	13.03. 2004`
57.	Seminar on Strut and Tie Models & New Concrete International federation for Structural Concrete (<i>fib</i>)	L & T ECC, Convention Centre Chennai	07.11.2003 - 08.11.2003
58.	FDP on Basics of Remote Sensing and GIS (Centre for faculty Development, Anna University, Chennai)	Kongu Engineering College, Perundurai	09.06.2003 - 13.06.2003
2002-03			
59.	Workshop on Role of Chemical Admixtures in Concrete Construction	Kumaraguru College of Technology, Coimbatore	07.08.2002
1996-97			
60.	Training Programme on Induction Training for Teachers (Sponsored by Indian Society for Technical Education, New Delhi)	Kongu Engineering College, Perundurai	24.01.1997 to 26.01.1997

V.REVATHI
Name & Signature