

CURRICULUM VITAE

Dr.S.EVANY NITHYA

Assistant Professor (Sr.Gr.)

Department of Civil Engineering

UCE – BIT Campus, Tiruchirappalli 620 024

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➤ **Research Area:**

- Disaster Management
- GIS and Remote Sensing
- Structural Engineering

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (Civil Engineering)	Anna University	2013	-	-
PG (Structural Engineering)	Bharathiyar University	2004	7.6	First Class
UG (Civil Engineering)	Bharathiyar University	2002	72.57	First Class

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College of Engineering – BIT Campus	Assistant Professor (Sr. Grade)	24.12.2013	Till Date	9.9 years
University College of Engineering – BIT Campus	Assistant Professor	19.08.2009	23.12.2013	4.4 years
University College of Engineering – BIT Campus	TRA	17.02.2009	18.08.2009	6months

➤ **Additional / Academic Responsibilities at University:**

1. HoD i/c (2014 – 2019).
2. Member - Board of Studies, Civil Engineering Board, Anna University.
3. Coordinator AICTE - PG Scholarship.

4. Convener Cum Coordinator - Sap - Water Management.
5. Coordinator - Scheme for Promoting Interests, Creativity and Ethics Among Students.

➤ **Membership of Scientific and Professional Societies:**

1. Life Member, Indian Society of Remote Sensing.

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: 51 Nos
- b. Number of UG Project Completed: 30 batches

➤ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.	S.Sabitha	Landslide Susceptibility Mapping using Hybrid Integration of the Radial basis function network and Credal Decision Tree models for Idukki district,kerala.	2021	Completed Course Work
2.	M.Hannah Angelin	Landslide Susceptibility Mapping and Selection of Stabilizing Construction Works for Nilgiris district,Tamilnadu.	2021	Completed Course Work
3.	M.Gopinath	Flood Susceptibility Assessment Using Machine Learning Algorithm for Kerala.	2022	Completed Course Work
4.	S.Harithaa	Landslide Mapping and Landslide Susceptibility Mapping Using Convolutional Neural Network (CNN) for Kottayam district in Kerala.	2022	Completed Course Work
5.	S.Selsiadevi	Investigation and Development of Prediction model for Mechanical Properties of Hybrid Reinforced Self Compacting Concrete by	2023	Completed Course Work

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➤ **Publications:**

a. Books / book chapters:

1. Tamil Text Books on “Surveying” for UG Civil Engineering Tamil Medium Students, Anna University.
2. Evany Nithya S, Landslide Susceptibility Mapping for Hilly Region, Lambert Academic Publishing, Omniscryptum S.R.L. 120 High Road, East Finchley London, N2 9ed United Kingdom, 2015, ISBN/ISSN number - 978-3-659-80726-8.

b. International Journals:

1. Balasingh Moses M, Evany Nithya S, M Parameswari, “Internet of Things and Geographical Information System based Monitoring and Mapping of Real Time Water Quality System”, 8 (1), June, 2022, pp 27-36.
2. Evany Nithya S, Balasingh Moses M, “Geographical information system (GIS) based energy station identification and frequency analysis using ETAP: A sample real time test case system in india”, International Journal of AppliedEngineering and Technology, 3 (1) June, 2021, pp 1-6.
3. Evany Nithya S, Jeny Blessy and R. Viji, “Flood vulnerability Mapping using Frequency Ration Model and Dempster Shafer theory: A case study on Devikulam and Udumbanchola Taluks of Idukki District, Kerala, India”, International Journal of Indian Journal of Ecology, 48 (4) August, 2021 pp 982-989.
4. Evany Nithya S and Jeeva J, “Groundwater Potential Mapping Using Dempster – Shafer Theory of Evidence for Tiruvannamalai District, India”, Indian Journal of Ecology, 45 (3) September, 2018, pp 542 -549.
5. Evany Nithya S, Sabeek Mohamed A and Viji R, “Removal of Chromium(VI) from Aqueous Solution using AzollaCarolinia as Adsorbent”, Indian Journal of Ecology, 45 (2) June, 2018, pp 388-392.

6. Vasanthakumar N, Viji R and Evany Nithya S, "Environmental impact assessment of Prosopis juliflora by assessing soil parameters" Ecology, Environment and Conservation, 23, September, 2017, pp S5 –S9.
7. Vivek S and EvanyNithya S, "A GIS Approach for The Assessment of Ground Water and Tank Water Quality and Ascertaining Its Social Consequences", International Journal of Applied Engineering Research, 10(47), 2015, pp SI32338-32347.
8. Vivek S and EvanyNithya S, "Investigation of Ground Water Quality of Upstream Water Tanks in Coimbatore Using GIS: A Review", The Asian Review of Civil Engineering, 4(1) May, 2015, pp 14-19.
9. Evany Nithya S, Rajesh Prasanna P and Eswaramoorthi S, "Comparison of Fuzzy Model and Frequency Ratio Model for the analysis of Kundha Landslides in Nilgiris District", Disaster Advances, 7(4) April, 2014, pp 48-56.
10. Evany Nithya S, Rajesh Prasanna P and Eswaramoorthi S, "Landslide suceptibility zonation using fuzzy logic for Kundahpallam watershed, Nilgris", European Journal of Scientific Research, 78(1), 2012, pp 48-56.
11. Evany Nithya S and Rajesh Prasanna P, "Moment Resisting Frame with Rubber Base Isolation for Development of Earthquake Resisting Structures", International Journal of Modern Engineering Research, 2(4) July-Aug, 2012, pp 2431-2433
12. Evany Nithya S, Rajesh Prasanna P and Eswaramoorthi S, "Landslide Prediction Model for Kundhapalam Watershed Using Fuzzy Algebraic Operator", Pollution Research, 31(3), 2012, pp 477-480.
13. Evany Nithya S and Rajesh Prasanna P, "An Integrated Approach with GIS and Remote Sensing Technique for Landslide Hazard Zonation" International Journal of Geomatics and Geosciences, 1(1), 2010, pp 66-75.

➤ **Sponsored Research Projects:**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status
1	Investigation and Charecterisation of Solid Waste Disposal and its Impacts in Water, Talakkarai Village, Pollacji Taluk	Tequip II	10000/-	December 2014 to March 2015	Completed
2	Strength Behaviour of flyash and Lime Treated Black Cotton Soil	Tequip II	10000/-	December 2014 to March 2015	Completed
3	Assessing area vulnerable to flood in cudalore district by frequency ratio and Shannons entropy model	Tamil Nadu State Council for Science and Technology	7500/-	December 2018 to March 2019	Completed

➤ **Consultancy Activities:**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration
1	Dismantling of TNGRHS at Pudukkottai	Member	TamilNadu Housing Board	11,450	06.06.2016
2	Dismantling of TNGRHS at Trichy	Member	TamilNadu Housing Board	11,500	20.07.2016
3	Dismantling of TNGRHS at Ariyalur	Member	TamilNadu Housing Board	11,600	06.02.2018
4	Compressive Strength Test, Cement Test, Fly Ash Brick Test, TMT Rod Test	Testing	M/s,IIMTPD-1,CPWD,Trichy,	53,264	02.09.14 to 29.01.15

5	Steel Test	Testing	K.Manoharan, Engineering Builders- Pollachi.	4,492	20.02.15
6	Compressive Strength Test, Cement Test, Fly Ash Test, Brick Test, TMT Rod Test	Testing	M/s,IIMTPD- 1,CPWD,Trichy,	1,28,312	04.03.15 to 08.05.15
7	Compressive Strength Test	Testing	K.Manoharan, Engineering Builders- Pollachi.	674	08.05.15
8	Compressive Strength Test, Cement Test, Fly Ash Test, Brick Test, Steel Test, Block Test	Testing	M/s,IIMTPD- 1,CPWD,Trichy,	9,26,840	08.05.15 to 04.05.17
9	Cement Test, Steel Test, Compressive Strength Test	Testing	N.Kumaradurai B.E Assistant Engg Trichy	32,568	17.07.17 to 17.11.17
10	Compressive Strength Test, Cement Test, Fly Ash Test, Brick Test, Steel Test, Block Test	Testing	M/s,IIMTPD- 1,CPWD,Trichy,	1,27,912	23.08.17 to 10.05.18
11	Fly Ash Bricks Test	Testing	N.Kumaradurai B.E Assistant Engg Trichy	2,478	24.04.18
12	Compressive Strength Test, Brick Test, Steel Test	Testing	Er.R.Balasubramanian	17,346	27.07.18 to 27.07.18
13	Cube Test, Block Test	Testing	M/s,IIMTPD- 1,CPWD,Trichy,	13806	19.12.18 to 23.02.19
14	Mix Design,	Testing	Sr.Section Engineer,	32096	26.02.19

	Cement Test, Steel Test, Cube Test.		TPJ Stn ,Trichy		
15	Cube Test Granite Test, Block Test	Testing	M/s,IIMTPD- 1,CPWD,Trichy,	9912	07.03.19 to 21.06.19
16	Cube Test	Testing	K.Andrew Asst.Divisional Engg. Pudukkottai	9912	30.04.19 To 05.09.19
17	Cement Test, 40mm Metal Test, Steel Test, Cube Test.	Testing	Asst.Engg. TNCSC Trichy	36344	28.08.19 to 28.08.19
18	Cube Test	Testing	K.Andrew Asst.Divisional Engg. Pudukkottai	4248	19.11.19 to 09.12.19
19	Cube Test	Testing	J.S Bilders, solar plant,trichy	708	23.01.20
20	Cement Test	Testing	P.Sudharsan Asst.Engg,chennai	8260	24.02.20
21	Cube Test	Testing	DK Solor Projects,chennai	2124	24.02.20
22	Cube Test	Testing	Asst.Engg. TNCSC Trichy	708	30.01.20
23	Cube Test	Testing	Asst.Engg. TNCSC Trichy	708	14.02.20
24	Cube Test	Testing	Asst.Engg. TNHB Trichy	708	19.04.20

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

1. Organized one-week AICTE sponsored STTP on “Disaster Risk Management – Phase III” – 13.12.21 to 18.12.2021.
2. Organized one-week AICTE sponsored STTP on “Disaster Risk Management – Phase II” – 06.12.2021 to 11.12.2021.
3. Organized one-week AICTE sponsored STTP on “Disaster Risk Management – Phase I” – 29.11.2021 to 04.12.21.

4. Organized National Level Social Awareness Programme - association with Uyirthuli blood bank and research center on “Blood Donation Importance During Covid – 19” - 08-09-2020.
5. Organized National Level Social Awareness Programme - association with Rotaract Club of Anna University Tiruchirapalli on “Yoga and Natural Way of Living” - 08-02-2020.
6. Organized One-week online FDP - association with VI Micro Systems Pvt Ltd. on “Social and Environmental Impacts of Engineering Solutions” - 04/08/2020 to 08/08/2020.
7. Organized One-week online FDP - association with Pantec ProEd Pvt Ltd. Industry on “Perspective: Water Quality Monitoring System” - 28/07/2020 to 01/08/2020.
8. Organized One day workshop on “Sustainable Agriculture and its impacts on Environment”- 10-03-2019.
9. Organized One-day workshop on “Environmental Policies and Legislation” - 22/03/2018.
10. Organized One-day workshop on “Hands on Training on software applications in civil engineering” - 21/03/2018.
11. Organized One day workshop on “Remote Sensing and GIS Application in Civil Engineering” - 20/03/2018.
12. Organized International Conference - TEQIP II Sponsored on “Energy and Environmental Systems” - 10/03/2017 to 12/03/2017.
13. Organized National conference - TEQIP II Sponsored on “Recent Trends in Civil and Environmental Engineering” - 30/08/2016 to 31/08/2016.
14. Organized One Week Faculty Development Programme - TEQIP II Sponsored on “Application of GIS and remote sensing” -24/04/2015 to 30/04/2015.
15. Organized Two days - TEQIP II Sponsored workshop on “Applications of GIS in civil engineering” - 7/10/2013 to 08/10/2013.

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

1. Module 6 - Student Assessment and Evaluation of National Initiative for Technical Teachers Training
2. Module 7 - Creative Problem Solving, Innovation and Meaningful R And D Of National Initiative for Technical Teachers Training

3. Module 8 - Institutional Management and Administrative Procedure of National Initiative for Technical Teachers Training.
4. Ministry of HRD, Government of India sponsored MOOCs Mode (12 weeks course) Faculty Development Programme on “Geographic Information System”, NPTEL-AICTE, IIT Roorkee from 23.01.2023 to 14.04.2023.
5. Ministry of HRD, Government of India sponsored MOOCs Mode (12 weeks course) Faculty Development Programme on “Remote Sensing: Principles and Applications”, NPTEL-AICTE, IIT Bombay from 23.01.2023 to 14.04.2023.
6. One day PoSH awareness programme was held on 10th February 2023 at UCE, BIT campus, Anna University Tiruchirappalli.
7. Ministry of HRD, Government of India sponsored MOOCs Mode (12 weeks course) Faculty Development Programme on “Municipal Solid Waste Management”, NPTEL-AICTE, IIT Guwahati from 25.07.2022 to 14.10.2022.
8. Ministry of HRD, Government of India sponsored MOOCs Mode (8 weeks course) Faculty Development Programme on “Remote Sensing and GIS”, NPTEL-AICTE, IIT Guwahati from 25.07.2022 to 16.09.2022.
9. Ministry of HRD, Government of India sponsored MOOCs Mode (8 weeks course) Faculty Development Programme on “Natural Hazards”, NPTEL-AICTE, IIT Kanpur from 18.01.2021 to 12.03.2021.
10. Ministry of HRD, Government of India sponsored MOOCs Mode (8 weeks course) Faculty Development Programme on “Development and Applications of Special Concretes”, NPTEL-AICTE, IIT Kanpur from 18.01.2021 to 12.03.2021.
11. AICTE Training and Learning Academy sponsored one weeks Faculty Development Programme on “Internet of Things (IOT)”, Government College of Engineering, Srirangam, Trichy from 11.05.2020 to 15.05.2020.

12. Spoken Tutorial Project, IIT Bombay sponsored one weeks Faculty Development Programme on “Moodle Learning Management System”, Sri Akilandeswari Womens College, Wandiwash from 20.04.2020 to 26.04.2020
13. Bharat Sanchar Nigam Limited sponsored Industrial Training on “Telecom Tower Construction” conducted by Rajiv Gandhi Memorial Telecom Training Centre, BSNL, Tiruchirappalli from 8.6.2020 to 8.6.2020.
14. One week FDP on “Python Programming with Industry Perspective” jointly organized by electronics and ICT Academies through National Knowledge Network under “the Scheme of financial assistance for setting up of electronics and ICT Academics” by the Ministry of Electronics and information Technology (MeitY), Government of India from 2.12.19 to 6.12.19.
15. Center For Faculty Development, Anna University, Chennai sponsored one weeks Faculty Development Programme on “CE8302 Fluid Mechanics” conducted by the Department of Civil Engineering at Department of Civil Engineering, BIT campus, Trichirappalli from 24.06.2019 to 29.06.2019.
16. Center For Faculty Development, Anna University, Chennai sponsored Two weeks Faculty Development Programme on “CE8491-Soil Mechanics” at Muthayammal College of Engineering, Rasipuram from 03.12.2018 to 14.12.2018.
17. AICTE - QIP sponsored One Week Faculty Development Programme on “Principles of Corrosion and Corrosion Prevention in Engineering Industries”, under QIP Organised by Department of civil Engineering, Alagappa College of Engineering, Karaikudi from 27.11.17 to 03.12.17.
18. TEQIP II sponsored one week Faculty Development Programme on “Role of Renewable Energy in Indian power sector” Organised by Department of Electrical and Electronics Engineering, BIT campus, Tiruchirappalli from 21.09.15 to 27.09.15.
19. TEQIP II sponsored two week Faculty Development Programme on “Nano Technology Applications in Engineering And Technology” Organised by Department of Electrical and Electronics Engineering, BIT campus, Tiruchirappalli from 06.05.15 to 19.05.15.

20. TEQIP II sponsored two week Faculty Development Programme on “Pedagogical Training Programme” organised by National Institute of Technical Teachers Training and Research, Chennai from 09.12.2013 to 20.12.2013.
21. TEQIP II one week Faculty Development Programme on “Advances in Building Technology (ABT’13)” organized by Department of Civil Engineering Bharathidasan Institute of Technology, BIT Campus, Anna University, Tiruchirappalli from 19.08.2013 to 25.08.2013.
22. Indo-US Workshop on ‘Forensic Engineering’ (INDUSFEW) organized by Department of Civil Engineering, National Institute of Technology, Tiruchirappalli and Department of Civil and Environmental Engineering, University of North Carolina, USA from 15.12.10 – 17.12.10.
23. NNRMS & ISRO Sponsored 21 days training on “Application of Remote Sensing and GIS in Natural Resource Management”, from 11.11.10 – 1.12.10.

➤ **National / International Conferences organized / Participated:**

1. S. Evany Nithya, Dr. P. Rajesh Prasanna, “An Integrated Approach with GIS and Remote Sensing Technique for Landslide Hazard Zonation,” International Conference on Disaster Management and Mitigation, PSNA College of Engineering and Technology, 16th to 18th/ 12/09.
2. Dr. Usha Natesan, S. Evany Nithya, Dr. P. Rajesh Prasanna, “Watershed Modelling for Kundhapallam Watershed Using GIS and Remote Sensing”, International Conference on Environmental Sustainability with Green Building Technology (ICESGBT–10), Meenakshi Sundarajan Engineering College, 15/03/10.
3. S. Evany Nithya, Dr. P. Rajesh Prasanna, “Sesmic Performance of Moment Resisting Frames in Different Seismic Zones”, Global Environment ant its Sustainability: Implications and Stratergies, RKM Vivekananda College, Mylapore Chennai, 07/11/10.
4. S. Evany Nithya, Dr. P Rajesh Prasanna, D. Vishnubabu, “Data Mining Approach for Landslide Hazard Zonation Mapping”, National Conference on Advances in Mechanical Sciences, C. Abdul Hakeem College of Engineering and Technology, Melvisharam, 05/03/11.
5. S. Evany Nithya, Dr. P Rajesh Prasanna, N. Brindalakshmi, M. Balu, “Advance Techniques for Resisting Earthquake in Low Cost and High-Rise Buildings”, Two Day National Conference on

Recent Trends in Civil and Mechanical Engineering, Anna University of Technology Tiruchirapalli, 8th and 9th /04/11.

6. R. Jeyashree, S. Evany Nithya, Dr. P Rajesh Prasanna, K. Bhuvaneshwari, “Oil Degradation Using Bacterial Species”, Two Day National Conference on Recent Trends in Civil and Mechanical Engineering, Anna University of Technology Tiruchirapalli, 8th and 9th /04/11.
7. S. Evany Nithya, Dr. P Rajesh Prasanna, S.V. Niveditha, “Review of Methods for Landslide Hazard Zonation Mapping”, Two Day National Conference on Recent Trends in Civil and Mechanical Engineering, Anna University of Technology Tiruchirapalli, 8th and 9th /04/ 11.
8. Jose Ravindra Raj B., S. Evany Nithya and S. Suresh, “Corrosion Diagnosis and Durability Enhancement of Concrete Structures”, National Conference on Engineering Approach for Sustainable Development- STEPMACC’11, Anna University of Technology, Tiruchirapalli, 27/09/11.
9. K. Rengaraj and S. Evany Nithya, “Use of Silica Waste Sand as Replacement of Fine Aggregate In Concrete – A Review”, National Conference on Engineering Approach for Sustainable Development, Anna University of Technology Tiruchirapalli, on 27/09/11.
10. Dr. P Rajesh Prasanna, S. Evany Nithya, “Data Mining Approach for Landslide Susceptibility Mapping for Kundhapallam Watershed, Nilgiris, TamilNadu”, 12th Esri India User Conference 2011.
11. V.Tamilarasi and S. Evany Nithya, “An Experimental Study on Green Concrete Containing Partially Replacement of Quarry Rock Dust as Fine Aggregate and Marble Power as Cement”, National Conference KEYNOTE, Care School Of Engineering,Trichy, 9th to 10th /02/12.
12. G. Hema Priya and S. Evany Nithya, “Textile Effluent Treatment Using Moringa Oleifera”, National Conference on Novel Techniques for Mitigation of Vital Pllutants in Environmental systems, Coimbatore Institute of Technology, 09/02/2012.

13. Evany Nithya S., Sabeek Mohamed., and Viji R, “Removal of Chromium(VI) from Aqueous Solution using Azolla Carolinia ”, National Conference on Advanced Trends in Civil Engineering , Karpagam Academy of Higher Education, Coimbatore, 2nd & 3rd /03/2012.
14. Mahendrarvarman D.S. and S. Evany Nithya, “Performance of concrete using offshore sand as fine aggregate”, National Conference on Recent Trends in Civil Engineering, M.I.E.T Engineering College, Tiruchirappalli, 11/04/12.
15. S. Evany Nithya, Dr. P. Rajesh Prasanna, “Landslide Prediction Model for Kundhapalam Watershed Using Fuzzy Algebraic Operators”, National Conference on Applications of Geospatial Technology for Environment and Sustainable Development (NESD-2012), PSNA College of Engineering and Technology, 25th to 26th/ 04/12.
16. M. Renganathan and S. Evany Nithya, “Experimental and Analytical Study on Retrofitting RC Beams Under Shear Failure Using Aramid FRP”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute of Technology, 19/04/13.
17. Arjunan and S. Evany Nithya, “Strength of concrete by using sea sand and micro silica”, National Conference on Green Technologies for Conservation Of Biodiversity, Sri Ranganathar Institute of Engineering and Technology, 16/02/13.
18. P. Veeramani and S. Evany Nithya, “Strength and Durability of Copper Slag and M Sand as a Replacement of Fine Aggregate”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute of Technology, 19/04/13.
19. K. Karthik and S. Evany Nithya, “Experimental Investigation of Steel Fiber Reinforced Concrete”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute of Technology, 21st to 22nd /04/14.
20. K. Shakila and S. Evany Nithya, “Partial Replacement of Rice Husk Ash and Glass Powder Instead of Cement in Concrete Composite”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute of Technology, 21st to 22nd /04/14.

21. R. Priyadharshini and S. Evany Nithya, “Landslide Susceptibility Mapping Using Logistic Regression”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute Of Technology, 21st to 22nd /04/14.
22. V. Selvabharathi and S. Evany Nithya, “Landslide Susceptibility Mapping for Udumbanchola Taluk, Idukki District, Kerala”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute Of Technology, 21st to 22nd /04/14.
23. T. Arul Jacob and S. Evany Nithya, “Experimental Investigation Concrete Filled in Steel Tubular Columns”, National Conference on Recent Trends in Civil and Environmental Engineering, Bharathidhasan Institute of Technology, 21st to 22nd /04/14.
24. S. Vivek and S.Evany Nithya, “Investigation of Ground Water Quality of Upstream Water Tanks in Coimbatore Using GIS – A Review” , International conference on Environmental Geotechnics, Bharathidhasan Institute Of Technology, 30th and 31st /10/2014.
25. K.Niranjana and S.Evany Nithya, “Self-Compacting Concrete with partial Replacement of Cement by silica fume”, International Conference on Engineering, Managment and Applied Sciences, MNSK College of Engineering, Pudukkottai, 09 & 10th /04/ 2015.
26. S. Vivek and S.Evany Nithya, “Impact of Anthropogenic Activities on Tank Water and Ground Water Quality and Its Social”, International conference on Sustainable Practices in Civil Engineering (Spice 2015), KPR Institute of Engineering and Technology, 16th, 18th /04/ 2015.
27. E.Senthil and S.Evany Nithya, “Study of Next Generation Eco Concrete”, International Conference on Engineering, Management and Applied Sciences, MNSK College of Engineering, 9th and 10th April 2015.
28. P.Indumathi and S.Evany Nithya, “Development of Proficient and Effective rainfall-Runoff Model Using Artificial Neural Networks Techniques”, National Conference on Soft Computing

techniques in Structural and Environmental Engineering, University College of Engineering – Dindigul Campus, 20th March 2015.

29. A.Anitha and S.Evany Nithya, “Morphometric Analysis of Kodaikanal Watershed Using Remote sensing and GIS technique”, 2nd International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016), Karpagam College of Engineering, 19th & 20th/02/ 2016.
30. B.Alageswari and Dr.S.Evany Nithya, “Performance of Concrete by Partial Replacement of Silica fume Quarry Dust and Cockle Shell”, First International Conference on “Recent Trends in Structural and Environmental Engineering”, Department of Civil Engineering,UCE-Anna University, Dindigul Campus, Dindigul, 23/05/2016.
31. K.Sandhiya and Dr.S.Evany Nithya, “Vulnerability Prediction on Gully Erosion in Kodaikanal Using Remote sensing and GIS Technique, one day International Conference on “Recent Trends in Structural and Environmental Engineering”, Department of Civil Engineering,UCE-Anna University, Dindigul Campus, Dindigul, 23/05/2016.
32. J.Sethupandiyam and Dr.S.Evany Nithya, “Experimental Studies on Concrete by Replacing Fine Aggregate by M-sand Sisal Fibre”,International Conference on Advances in Mechanical and Civil Engineering, E.G.S. Pillay Engineering College, 2016.
33. B.Karuppaiya and S.Evany Nithya, “Experimental Studies on Concrete by Partially Replacing of Fine Aggregate. Coarse Aggregate Using Copper Slag and Recycled Coarse Aggregate”, National Conference of Recent Trends in Civil Engineering, EGS Pillay Engineering College,2016.
34. A.Rosana Begum and Dr.S.Evany Nithya, “ Comparative Study on Behaviour Hot and cold

formed steel Sections under flexure”, International Conference (ICONNECT-2K17), K.Ramakrishnan College of Engineering, 28 & 29th /03/ 2017.

35. N.Sadham Hussain and Dr.S.Evany Nithya, “Climate Change Modelling and Correlation of Temperature and Precipitation in a Region”, TEQIP II Sponsored National Conference on Recent trends in civil and Environmental Engineering, UCE-BIT Campus, Trichy, 30 and 31st /08/2016.
36. V.Kalaijothi and Dr.S.Evany Nithya, “Impact of Natural disasters Environment and Development”, TEQIP II Sponsored National Conference on Recent trends in civil and Environmental Engineering, UCE-BIT Campus, Trichy, 30 and 31st /08/ 2016.
37. A.Rosana Begum and Dr.S.Evany Nithya, “An Experimental Project on Partial Replacement of Copper Slag and Flyash in Cement Concrete by Using Granite Powder”, TEQIP II Sponsored National Conference on Recent trends in civil and Environmental Engineering, UCE-BIT Campus, Trichy, 30th and 31st /08/2016.
38. R.Vennila and Dr.S.Evany Nithya, “Evaluation of Groundwater Quality Parameter”, TEQIP II Sponsored National Conference on Recent trends in civil and Environmental Engineering, UCE-BIT Campus, Trichy, 30 and 31st /08/ 2016.
39. R.Vennila and Dr.S.Evany Nithya, “A Geostatistical Approach for mapping Ground water quality of kilvelur Block, Nagapattinam District ”, TEQIP II and CSIR Sponsored International Conference on Energy and Environmental Systems ICEES 17, UCE-BIT Campus, Trichy, 10-12th/03/17.
40. N.Sadham Hussain and Dr.S.Evany Nithya, “Climate Change Modelling and correlation of temperature and pressure in a region” TEQIP II and CSIR Sponsored International Conference on Energy and Environmental Systems ICEES 17, UCE-BIT Campus, Trichy, 10-12th/03/17.

41. A.Rosana Begum and Dr.S.Evany Nithya, “An Experimental Study on Partial Replacement of Textile Sewage Sludge in Concrete as Fine Aggregate”, TEQIP II and CSIR Sponsored International Conference on Energy and Environmental Systems ICEES 17, UCE-BIT Campus, Trichy, 10-12th/03/17.
42. V.Kalaijothi and Dr.S.Evany Nithya, “Environmental Impact Assessment of Municipality Sewage Water in Nagapattinam Municipality and Removal of Pollutant by Using Aquatic Plants”, TEQIP II and CSIR Sponsored International Conference on Energy and Environmental Systems ICEES 17, UCE-BIT Campus, Trichy, 10-12th/03/17.
43. N.Sadham Hussain and Dr.S.Evany Nithya, “Projection of Climate Change Scenario for India Using MAGICC/SCENGEN and Estimation of Landsat Model and NDVI for Namakkal District ”, 2nd International Conference on Sustainable Practice in Civil Engineering, (SPICE 2017) ,KPR Institute of Engineering and Technology, 10 &11th /04/ 2017.
44. M.Lavanya and S.Evany Nithya, “Treatment of Paper and Pulp Industry Wastewater Using Mixed Adsorbents”, International Conference on Energy, Environmental and Industry Safety ICEEIS 18”, A.C tech, Anna university, Chennai, 22 & 23rd /02/ 2018.
45. S.Sabitha and Dr.S.Evany Nithya, “Assessment of Physico-Chemical Parameters of Thuraiyur Chinnayeri”, International Conference on Energy, Environmental and Industry Safety ICEEIS 18, A.C tech, Anna university, Chennai, 22 & 23rd /02/ 2018.
46. J.Jeeva and Dr.S.Evany Nithya, “Investigation of Groundwater Potential Zone in Thiruvannamali District Using Weighted Overlay Analysis with Remote Sensing and GIS”, International Conference on Energy, Environmental and Industry Safety ICEEIS 18, A.C tech, Anna university, Chennai, 22 & 23rd /02/ 2018.

47. S.Veera Vighesh Kumar and Dr.S.Evany Nithya, “Vulnerability Prediction of Soil Erosion in Sirumalai Using Remote Sensing and GIS Technique”, International Conference on Energy, Environmental and Industry Safety ICEEIS 18, A.C tech, Anna university, Chennai, 22 & 23rd /02/ 2018.
48. S.Veera Vighesh Kumar and Dr.S.Evany Nithya, “Soil Erosion Assessment in Sirumalai Using Rusile and SDR Model”, DST-SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development, Muthayammal Engineering College, Rasipuram, 30th & 31st/03/2018.
49. S.Sabitha and Dr.S.Evany Nithya, “Experimental Study on the Water Quality of Thuraiyur Chinnayeri”, DST-SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development, Muthayammal Engineering College, Rasipuram, 30th & 31st/03/2018.
50. Dr.S.Evany Nithya and Priyanka S, “Vulnerable Area Assessing Due to Flood in Cuddalore District by Morphometric Analysis Method”, International Conference on Recent Trends in Nanomaterials for Energy, Environmental and Engineering Applications (ICONEEEA – 2K19), K.Ramarishnan College of Technology, Trichy, 14 & 15th/03/ 2019.
51. Kayalvizhi A. and Dr.S. Evany Nithya, “Assessment of Heavy Metal in and around the Industrial zone of Tuticorin”, International Conference on Recent Trends in Nanomaterials for Energy, Environmental and Engineering Applications (ICONEEEA – 2K19), K.Ramarishnan College of Technology, Trichy, 14 & 15th/03/ 2019.
52. Janani T. and Dr.S. Evany Nithya, “Comparative Analysis of Grey Water Treatment using Vermifilter Through Various Filter Depth Level”, International Conference on Recent Trends in

Nanomaterials for Energy, Environmental and Engineering Applications (ICONEEEA – 2K19), , K.Ramarishnan College of Technology, Trichy, 14 & 15th/03/ 2019.

53. N.P.Anitha Sri and Dr.S. Evany Nithya, “ Quality Assessment of Ground Water in Nearby Solid Waste Dumped Wells Around Palladam Block ”,International Conference on Industry 4.0 and Advancements in Civil Engineering(i4ACE'19), PSG Institute of Technology and Applied Research, Coimbatore, 21-23th/03/2019.
54. S.Anitha and S. Evany Nithya,“ Simulataneous Electricity Production and Wastewater treatment from Diary Industries ”International Conference on Thermal, Manufacturing, Structural and Environmental Engineering at Kongunadu Engineering and Technology, 23/05/2020.
55. Jeny Blessy and S. Evany Nithya, “Flood Vulnerability assessment and Mapping for Devikulam and Udumbanchola Taluks of Idukki District Using Frequency Ratio Method” National Conference on Recent Trends in Civil and Environmental Engineering, UCE-BIT Campus, Trichy, 26/08/2020.
56. Revathy and S. Evany Nithya, “Runoff modelling in kerala Taluk peermedu thodupuhaz using Frequency Ratio model” National Conference on Civil and Building Engineering Informatics at Dhanalakshmi Engineering College, 13/03/2020.
57. Appusriram M. and S. Evany Nithya, “Analysis of Water Crisis in Sivagangai Using GIS”, 8^d International Conference on Emerging Trends in Engineering and Technology, 12-13th/03/2021.
58. Branham Melchi R. and S. Evany Nithya, “Comparison of suitability and efficiency of low-cost absorbent in removal of chromium (VI)” Heber International Conference on Climate Adaptation and Resilience, Department of Environmental Sciences, Bishop Heber College, 22-23th/04/ 2022.

59. Durga B and S. Evany Nithya, “Comparison on Suitability of Adsorbents in Removal of Copper”, 3^d International Conference on Waste, Energy and Environment, Center for Waste Management, Sathyabama Institute of Technology, Chennai, 5- 7th/07/23.

➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor ...etc)

- Member - Board of Studies, Civil Engineering Board, Anna University.
- Member Inspection committee Affiliation, Anna University, Chennai.
- Member Dismantling of TNGRHS at Pudukkottai committee.
- Member Dismantling of TNGRHS at Trichy committee.
- Member Dismantling of TNGRHS at Ariyalur committee.

(B) Guest lectures delivered:

- Lecture On Engineering Mechanics, MRK Institute of Technology, Kattumannarkoil, 12.02.2020.
- Lecture on “Air Pollution on Global Concern” For National Seminar Climate Change and Human Health –A Global Prospective, At Center for Climate Change Research, Department of Environmental Biotechnology, Bharathidasan University On 28.03.2023.