

FACULTY PROFILE

Name of the staff : **DR.V.KANNAN**, M.E (Str.), Ph.D, FIE., C.engg.

Office Address with E-mail ID : **Associate Professor**

Department of Civil Engineering
National Engineering College
K.R. Nagar, Kovilpatti - 628503
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Google Scholar ID: Qd5DN74AAAAJ



Personal Details

Age : 42
Date of Birth : 19-04-1981
Sex & marital status : Male & Married
Citizenship : Indian
Qualification : Ph.D (Civil Engineering)

Degree	Programme/Specialization	Class/CGPA	Month & Year of passing	Institute/ University
Ph.D	Civil Engineering	NA	Oct-2014	Anna University Chennai
M.E	Structural Engineering	Distinction	June 2008	Anna University Chennai
B.E	Civil Engineering	First	April 2002	Manonmaniam Sundaranar University Tirunelveli

Date of Joining : 17.08.2022

Present Status : Associate Professor

Professional Experience

Designation	Institution/ Organization	Period		Nature of Duties
		From	To	
Associate Professor	National Engineering College, Kovilpatti, Thoothukudi	17.08.2022	Till date	Academic and research
Professor	Maria College of Engineering and Technology, Kanyakumari	25.03.2022	16.08.2022	Academic and research
Associate Professor	Dr.B.R.Ambedkar Institute of Technology, Port Blair, Andaman and Nicobar Islands	20.11.2020	21.03.2022	Academic, research, Lab Incharge, NBA and NAAC coordinator
Professor and HoD	Francis Xavier Engineering College, Tirunelveli	28.06.2019	28.10.2020	Administration, academic, research and guiding
Professor and HoD	National College of Engineering, Tirunelveli	20.04.2019	25.06.2019	Administration, academic, research and guiding
Associate Professor and HoD	National College of Engineering, Tirunelveli	28.03.2014	19.04.2019	Administration, academic, research and guiding
Assistant Professor	National College of Engineering, Tirunelveli	18.07.2012	27.03.2014	Academic and research
PhD Research Scholar (Full Time)	Government College of Engg., Tirunelveli	19.01.2011	31.05.2012	Research and teaching
Assistant Professor and HOD	Infant Jesus College of Engineering and Technology., Tuticorin	05.07.2008	13.01.2011	Administration, academic and guiding
Site Engineer	Sundararajan State level class1 Govt. Contracts	02.04.2002	24.07.2006	Construction activities

Areas of Interest

- Concrete technology and structural engineering

Research Field

- Corrosion studies on self-compacting concrete and structural behavior of RCC elements

PhD SCHOLAR DETAILS-1

Sl.No	Reg.No	Name of the scholar	University	Role	Reg. year	Title	Status
1	1618189101	Mohamed Sahibulla SM.	Anna University Chennai	Joint Supervisor	Jan 2016	A Study on The Behaviour of Pozzolanic Materials in Mortar And Strengthening of Reinforced Concrete Beam Using CFRP	Viva Completed on 04.08.2023

International Conference Attended:

1. **V.Kannan**, “Experimental investigation of self compacting concrete using fly ash and granite waste”, Second International conference on construction materials and structures (ICCMS-2022), National Institute of Technology calicut, Kerala, held on 13-19 December 2022
2. **V.Kannan**, “Prediction of constitution materials for self-compacting concrete using Artificial Neural Network”, International conference on emerging trends in material science, organized by department of civil engineering, Rohini College of Engineering and Technology, Kanyakumari, held on 18th and 19th August 2021.
3. **V.Kannan**, “Durability assessment of self-compacting concrete containing metakaolin and fly ash” International conference on recent innovations in science engineering and technology – ICRISSET’15, held on Immanuel Arasar JJ College of Engineering, Marthandam, 05th to 06th March 2015.
4. **V.Kannan**, “Permeability properties of high performance concrete containing mineral admixtures” International conference on Recent innovations in science engineering and technology – ICRISSET’14, held on Immanuel Arasar JJ College of Engineering, Marthandam, 02nd to 03rd April 2014.
5. **V.Kannan**, “Dynamic modulus of elasticity of metakaolin blended high-performance concrete” International conference on Emerging trends in engineering and technology, held on Trabancore engineering college, 31st March to 01st April 2014.

National Conference Attended:

1. **V.Kannan**, “Experimental and Numerical Evaluation of Retrofitted Reinforced Concrete Beam-column joint under cyclic loading”, National conference on Recent Advances in Construction Materials and Structures, during February 2-3, 2023 held at PSG college of Technology, coimbatore.
2. **V.Kannan**, “Corrosion of steel in self-compacting concrete”, National conference on Advances in Civil Engineering (NCACE T16), held at C.S.I Institute of Technology Thovalai, 1st April 2016
3. **V.Kannan**, “The influence of metakaolin and rice husk ash on fresh state properties of self-compacting concrete”, National conference on Recent Advancement in Civil Engineering, held on The Indian Engineering College, Tirunelveli, 8th April 2013
4. **V.Kannan**, “Prediction of mechanical properties using artificial neural networks”, National conference on communication, VLSI & Signal processing, The Rajaas Engineering college, Tirunelveli 15th & 16th April 2012.
5. **V.Kannan**, “Fresh state properties of self-compacting concrete containing rice husk ash and metakaolin in ternary systems”, National level conference on Recent Advances and techniques in Civil Engg., held on The Indian Engg. Col., Tirunelveli, 22th March 2012.
6. **V.Kannan**, “The relationship between silica ratio and chloride penetration of self-compacting concrete using Back propagation systems”, National conference on communication, VLSI & Signal processing, The Rajaas Engineering college, Tirunelveli 7th & 8th April 2011.
7. **V.Kannan**, “Durability Assessment of Self Compacting Concrete with Fillers”, National conference on Recent Advancement in Civil Engineering, held at The Indian Engineering College, Tirunelveli, 16th April 2010
8. **V.Kannan**, “Neural Network model for design of steel compression members”, “National Level Conference on Vision of India with technological excellences”, held at The Indian Engineering College, Anna University Tirunelveli, 7th & 8th February 2008.
9. **V.Kannan**, “Neural Network model for Distortional Buckling behavior of compression members”, National Level Conference on “Advances in Steel, Concrete, Composite and Aluminum Structures”, held at Hindustan engineering College, Tamil Nadu, 24rd and 25th April 2008.

Book / Book Chapters Published:

1. **Dr.V.Kannan (2021)**, ‘**Construction Techniques and Practices**’, got approval from Raja Rammohun Roy National Agency for ISBN, Department of Higher Education, MHRD, Government of India in January 2021. ISBN: 978-93-5437-443-2. Online Publication in Amazon Kindle on 03.02.2021 (Available at Amazon Kindle).
2. **Dr.V.Kannan (2016)**, ‘**Construction Techniques Equipment and Practices**’, Sruthi Publishers, Chennai -95. Published in June 2016. ISBN: 978-81-933710-0-8. (Paper print)
3. **Kannan V** and Karthiga Shenbagam (5th February 2021), Effects of Chemical Curing on the Mechanical Properties of Mineral Admixtures Blended Concrete, Springer - Advances in Materials Research, Springer Proceedings in Materials 5, DOI: https://doi.org/10.1007/978-981-15-8319-3_48. Vol.: 5, PP-477-484.

Patent Published:

1. **Dr.V.Kannan (2)** and three others, SOLAR RADIATION MEASURING INSTRUMENT. Design patent is granted on 20.02.2023
2. **Dr.V.Kannan and P.Raja Priya (1)** and one other, A NEW PLUMB BOB TO MEASURE THE VERTICALITY IN A CURVED STRUCTURES (CONCAVE SIDE) DURING THE CONSTRUCTION PROCESS, Application No. 202241067476 A on 24.11.2022, Publication date: 02/12/2022. The Patent Office Journal No. 48/2022 Dated 02/12/2022. Page: 76251
3. **Dr.V.Kannan (2)** and Two others, AN ECO-FRIENDLY FLY ASH BRICK BASED SOLAR DISTILLATION SYSTEM, Application No. 202141039108 A on 29/08/2021, Publication Date: 24/09/2021. The Patent Office Journal No. 39/2021 Dated 24/09/2021. Page: 43688
4. **Dr. V Kannan (3)** and 11 others, TILED SOLAR DISTILLATION SYSTEM, Application No. 202141020964 A on 09/05/2021, Publication Date: 11/06/2021. The Patent Office Journal No. 24/2021 Dated 11/06/2021. Page: 26223
5. **Dr. V Kannan (3)** and 5 others, BRICK-WALLED SOLAR DISTILLATION SYSTEM, Application No. 202141021173 A on 11/05/2021, Publication Date: 11/06/2021. The Patent Office Journal No. 24/2021 Dated 11/06/2021. Page: 26238.
6. **Dr. V Kannan (3)** and 4 others, OCTAGON SOLAR DISTILLATION SYSTEM, Application No.202141007340 A on 22/02/2021, Publication Date: 26/02/2021. The Patent Office Journal No. 09/2021 Dated 26/02/2021. Page: 9871.
7. **Dr.V.Kannan**, Production of amorphous silica-based rice husk ash for cement replacement using self-combustion techniques, Application No.201941044763 A, Publication Date: 12/06/2020, Indian Patent Journal No.: 24/2020 dated June 12, 2020.

International Journal Published:

1. B. Venkatesan, **V. Kannan**, M. Sophia (2023), Application potentials of conch shell powder as a bacterial carrier for enhancing the Micro-Mechanical performance of biogenic gypsum plaster, Construction and Building Materials. DOI: <https://doi.org/10.1016/j.conbuildmat.2023.132561>(IF=7.4)
2. Dhanalakshmi K, **Kannan V**, (2023), Influence of GFRP rebars diameter on bond characteristics of reinforced cement concrete. *Materialstoday: Proceeding*, Article in Press. DOI: <https://doi.org/10.1016/j.matpr.2023.05.235>
3. N. Karthiga @ Shenbagam, M. Arun Siddharth, **V. Kannan**, C. Dhanusree (May/June 2023), Experimental investigation of self-compacting concrete (SCC) using fly ash. *Materialstoday: Proceeding*, Article in Press. DOI: <https://doi.org/10.1016/j.matpr.2023.04.582>
4. **Kannan Vellaipandian, Raja Priya Periasamy**, Venkatesan Balasubramanian (2023), Prediction And Validation of Constituent Materials for Concrete Manufacturing Using Artificial Neural Network, *Innovative Infrastructure Solutions*, SCI journal (Springer Publication) (IF=0.46), (2023) 8:160. DOI: <https://doi.org/10.1007/s41062-023-01127>.
5. Karthiga Shenbagam Natarajan, **Kannan Vellaipandian**, (2023), Effect of fracture and elastic modulus properties on geopolymer concrete reinforced with basalt fibers for an ecofriendly environment, *Innovative Infrastructure Solutions*, *Innovative Infrastructure Solutions* volume 8, Article number: 150. DOI: <https://doi.org/10.1007/s41062-023-01103-y>
6. **Kannan V.; P. Raja Priya**; Tharkeshwari K.; Bineta Mazumder; P. Gayatri; Jackline Neha (2023), Assessment of water demand and potential water sources to face future water scarcity

of hilly region, Journal of Water Supply: Research and Technology-Aqua. DOI: [10.2166/aqua.2023.212](https://doi.org/10.2166/aqua.2023.212)

7. **Kannan Vellaipandian, Raja Priya Periasamy**, Mohamed Sahibulla Seippu Mohamed Mydeen, Julyes Jaisingh Soosaimarian (2023), Effects of metakaolin on the shear capacity of EBFRC RC beams: An experimental and numerical investigation, Construction and Building Materials 367 (2023) 130291. DOI: <https://doi.org/10.1016/j.conbuildmat.2023.130291> (IF=7.4)
8. **Kannan V** and Karthiga Shenbagam Natarajan (3rd September 2022), "Gravimetric weight loss of steel in self-compacting concrete blended with wood ash and silica fume", Environmental science and pollution control, DOI: <https://doi.org/10.1007/s11356-022-22780-9>
9. Karthiga Shenbagam Natarajan, Sam Issac Benjamin Yacinth and **Kannan V** (2022 6th august), "Strength and durability characteristics of steel fiber-reinforced geopolymer concrete with addition of waste materials", Civil Engineering and Sustainable Infrastructures. DOI: <https://doi.org/10.1007/s11356-022-22360-x>
10. S. M. Mohamed Sahibulla,1 , S. Julyes Jaisingh , **V. Kannan** (2022), "The Consistency, Setting Time and Compression Strength of Pozzolanic Materials: A Taguchi Gray Validation", Journal of Cement Based Composites, 1 (2022) 5627. DOI: <https://doi.org/10.36937/cebacom.2022.5627>
11. Dr Venkatesan B, **Dr Kannan V** and Dr Shopia (2021), "Utilization of granite powder and glass powder in reactive powder concrete: Assessment of strength and long-term durability properties", Canadian Journal of Civil Engineering, Published on Oct 2021 (Annexure I / SCI / Scopus Journal). DOI:10.1139/cjce-2021-0258
12. **V.Kannan and P.Raja Priya (2021)**, "Evaluation of the Permeability of High Strength Concrete Using Metakaolin and Wood Ash as Partial Replacement for Cement", SN Applied Sciences (Springer publication-SCI journal), (2021) 3:90. DOI: <https://doi.org/10.1007/s42452-020-04024-y>
13. B. Venkatesan, M. Venuga, P.R. Dhevasenaa, **V. Kannan** (2021), Experimental study on concrete using partial replacement of cement by Alccofine fine aggregate as iron powder, Materials Today: Proceedings, (Elsevier-Scopus indexed), Vol.37 (2021), pp-2183-2188. DoI: <https://doi.org/10.1016/j.matpr.2020.07.648>
14. B. Venkatesan, V.J. Lijina, **V. Kannan**, P.R. Dhevasenaa (2021), Partial replacement of fine aggregate by steel slag and coarse aggregate by a walnut shell in concrete, Materials Today: Proceedings, (Elsevier-Scopus indexed), Vol.37 (2021), pp-1761-1766. DoI: <https://doi.org/10.1016/j.matpr.2020.07.361>
15. S. Gopikumar, S. Raja, P. Ebby Darney, R. Sheela Daniel, **V. Kannan (2020)**, Effective Utilization of Debris as Biased Proxy Aggregate in Optimizing the Vigor of Concrete, International Journal of Scientific and Technology Research Vol.9 (4) (Scopus Indexed) pp-3854-3856 or <http://www.ijstr.org/research-paper-publishing.php?month=apr2020>
16. **Dr.V.Kannan, P.Raja Priya**, Dr.B.Venkatesan, V.Krishnasankar (2020), An Experimental Study on the Strengthening of Concrete Column Using Glass Fibre Wrapping, GEDRAG & ORGANISATIE REVIEW, VOLUME 33 : ISSUE 02 (Scopus indexed), pp-56-67. DOI: 10.37896/GOR33.02/025 or <http://lemma-tijdschriften.com/gallery/goj-1471.pdf>
17. **Karthiga @ Shenbagam N, Santhosh R and Kannan V (2020)**, Comparison of seismic performance of reinforced concrete frame structure and composite frame structure using response spectrum analysis, IOP Conference Series: Materials Science and Engineering 764 (2020) 012057, doi:10.1088/1757-899X/764/1/012057
18. **P.Raja Priya and Dr.V.Kannan (2019)**, Performance and microstructural analysis of Portland slag cement mortar induced with pozzolanic additives, International Journal of Recent Technology and Engineering (IJRTE), Volume 8 (4), pp-744-750

19. **V.Kannan (2019)**, Effects of rice husk ash and lime on clay stabilized soil, SSRG international journal of engineering trends and technology, Volume 67 (6), pp-35-38
20. **V.Kannan (2018)**, Strength and durability performance of self-compacting concrete containing self-combusted rice husk ash and metakaolin, Construction and building materials, Volume 160, pp-169-179
21. **V.Kannan (2017)**, Strength Properties of Concrete Using Ternary System, Asian Journal of Science and Technology, Volume 8, Issue 1, pp- 4084-4086.
22. **V.Kannan (2015)**, “Soft Computation of Permissible Stresses of Cold-Formed Compression Members Using Back Propagation System” International Journal of Innovative Science, Engineering & Technology, Volume 2, Issue 11, pp- 450-460
23. **V.Kannan (2015)**, “Design of Cold Formed Steel Compression Members Using Artificial Neural Network” International Journal of Engineering Sciences & Research Technology, Volume 4, Issue 11, pp-409-417.
24. **V.Kannan and K.Ganesan (2015)**, “Effect of Tricalcium Aluminate on Durability Properties of Self-Compacting Concrete Incorporating Rice Husk Ash and Metakaolin” Journal of Materials in Civil Engineering, Published online on 13 may, 2015. Vol.28 (1) ASCE Publication
25. **V.Kannan (2015)**, “Relationship between UltraSonic Pulse Velocity and Compressive Strength of Self Compacting Concrete incorporate Rice Husk Ash and Metakaolin” Asian Journal of Civil Engineering, Vol. 16., Issue 8., May 2015, pp-1077-1088
26. **V.Kannan and K.Ganesan (2014)**, “Mechanical properties of self-compacting concrete with binary and ternary cementitious blends of metakaolin and fly ash” Journal of the South African Institution of Civil Engineering, vol. 56, no. 2, pp. 97-105
27. **V.Kannan and K.Ganesan (2014)**, “Chloride and chemical resistance of self-compacting concrete containing rice husk ash and metakaolin” Construction and Building Materials, vol. 51, no.1, pp. 225-234
28. **V.Kannan and K.Ganesan (2014)**, “Synergic effect of pozzolanic materials on the structural properties of self-compacting concrete”, Arabian Journal for Science and Engineering, AJSE-D-12-01267
29. **V.Kannan and K.Ganesan (2014)**, “Effects of Binary and Ternary Cementitious Blends on the Mechanical Properties of Self Compacting Concrete” Australian Journal of Basic and Applied Sciences, Vol. 8, No. 3, pp. 283-291.
30. **V.Kannan and K.Ganesan (2012)**. “Evaluation of mechanical and permeability properties of self-compacting concrete containing metakaolin”, Scientific Research and Essays (Academic Journal Publication), vol. 7(47), pp. 4081-4091, Dec 2012
31. **V. Kannan, K.Ganesan (2012)**. “Strength and water absorption properties of ternary blended cement mortar using rice husk ash and metakaolin”, Scholarly Journal of Engineering Research, Vol. 1(4), pp. 51-59, August 2012.ISSN: 2276-8955
32. **Kannan V, Ganesan K (2012)**., “Mechanical and transport properties in ternary blended self-compacting concrete with metakaolin and fly ash”, IOSR Journal of Mechanical and Civil Engineering (IOSRJMCE) ISSN: 2278-1684 Volume 2, Issue 4 (Sep-Oct. 2012), PP 22-31.

Workshop/ Seminar/ FDP / Online courses Attended:

1. **Dr.V.Kannan** has undergone two weeks international faculty development progra on “Research Tools” organized by the department of Artificial Intelligence and Data Science, Eswari Engineering College held between 03.07.2023 to 14.07.2023.
2. **Dr.Kannan.V** has undergone software training programme ‘ETAB and SAFE Complete Building Design Course (19 conduct hours), Conducted by UDEMY on 2023

3. **Dr.V.Kannan** has participated, International Seminar on Quality Assurance through Accreditation held in hybrid mode at Dr. APJ Abdul Kalam Academic Complex, NITTTR, Chennai, India on November 24, 2022.
4. **Dr.V.Kannan** has participated in Professional Development Programme on "Soft Skill for Teachers" - 17.10.2022 to 21.10.2022, Conducted by NITTTR, chennai
5. V.Kannan has been awarded Elite in the NPTEL online certification course / 12 week (Jan - April 2023) faculty development program in Concrete Technology
6. **Dr.V.Kannan** has participated in ATAL FDP on "Waste Management Practices for Future India" - 13.09.2021 to 17.09.2021, Conducted by University College of Engineering, Anna University, Ramanathapuram.
7. **Dr.V.Kannan**, has participated in International webinar on "In-situ Testing of Wire Ropes Used in Suspension Bridges and Other Installations" organized by Department of Civil Engineering, SRM Institute of Science & Technology. Ramapuram, Chennai and Indian Society for Non-Destructive Testing, in association with Intron Plus on 30th July 2021.
8. **Dr.V.Kannan**, has successfully completed the requirements of the workshop on "Effective and Efficient Online Teaching" on Saturday 12th June 2021. Workshop is supported by the project titled "BodhiTree: A Platform for Improving Learning Outcomes using Online Interactive Courses and Assessed Labs", funded by Tata Centre for Technology and Design (IIT Bombay).
9. Dr.V.Kannan has participated three days faculty development programme on **Advances in Finite Element Methods** on 18th to 20th February 2021, conducted by vidya Jyothi institute of technology funded by TEQIP-III, Jawaharlal Nehru technological university hyderabad
10. V.Kannan, participated four days online workshop on "**Train the Trainers on Examination Reforms**" on 4, 5, 6 and 7th Dec 2020 Conducted by BVB college of engineering and technology, Hubballi in collaboration with National Project Implementation Unit (NPIU)-Online
11. V.Kannan, has successfully completed the AICTE Sponsored STTP on Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems - Phase II" during 3-8 August 2020 conducted by the Civil Engineering Department, Bannari Amman Institute of Technology-Online
12. V.Kannan, participated one day hands on training on "**The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop**" on 20th June 2020 (3 days of pre- and post-workshop online activities) Conducted by IIT Bombay India – Online
13. V.Kannan, participated one day hands on training on "**Effective and Efficient Online Teaching in the Age of Corona a Hands-on Workshop**" on 16th May 2020 Conducted by IIT Bombay India - Online
14. V.Kannan, participated in a Two days online workshop on "**Fuzzy Logic and Neural Network Approaches for Engineering Solutions**" on 3rd & 4th May 2020 Conducted by Journal of advanced engineering research and Hexacube India. - Online
15. V.Kannan, Participated in a Four days online workshop on "**Examination Reforms**" From 22nd April. to 25th April, 2020 Conducted by AICTE, Bangalore. - Online
16. V.Kannan, participated in a two days workshop on Intellectual Property Rights & Entrepreneurship, organized by the PMO-IEDP (Programme Monitoring Office – Innovation & Entrepreneurship Development Programme) From 28th Nov. to 29th Nov. 2019 at Anna University Regional Campus, Tirunelveli hub.
17. V.Kannan, Participated and completed a **twelve-week** AICTE approved online NPTEL course (Equivalent to one and half week FDP) by IIT Kharagpur on Design of Reinforced Concrete Structures, July 2019 to October 2019
18. **V.Kannan**, Participated and completed a **twelve-week** AICTE approved online NPTEL course (Equivalent to one and half week FDP) by IIT Kharagpur on Soil mechanics and geotechnical engineering, Jan 2019 to April 2019

19. **V.Kannan**, has successfully completed “**C2CFL1xS19: Financial Literacy**”, an online course, under the ‘College to Corporate’ Program, conducted from 19 February 2019 to 18 March 2019. This course is offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.
20. **V.Kannan**, has successfully completed “**C2CEN1xS19: English for Oral Communication**”, an online course, under the ‘College to Corporate’ Program, conducted from 19 February 2019 to 17 April 2019. This course is offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.
21. **V.Kannan**, has successfully completed “**C2CHP1xS19: Handling Large Projects**”, an online course, under the ‘College to Corporate’ Program, conducted from 26 March 2019 to 22 April 2019. This course is offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.
22. **V.Kannan**, participated in a **twelve-week** AICTE approved online NPTEL course (Equivalent to one and half week FDP) by IIT Madras on Advanced Concrete Technology, July 2018 to Oct. 2018
23. **Dr. V.Kannan**, Participated in a **Four Week** AICTE approved FDP by IIT Bombay on - Use of ICT in Education for Online and Blended Learning Conducted by IIT Bombay on National College of engineering, Tirunelveli, 2nd May 2016 to 10th July, 2016.
24. **Dr.V.Kannan**, Participated in **five days** Train –the- Trainer Program (Workshop) on Foundation Skill in Integrated Product Development (FSIPD) conducted by ANNA UNIVERSITY REGIONAL CAMPUS- TIRUNELVELI, 26.03.2016 to 30.03.2016.
25. **V.Kannan**, participated in **five days** ISTE COORDINATOR WORKSHOP on INTRODUCTION TO STRUCTURAL ENGINEERING Conducted by IIT Kharagpur on IITK Campus Kharagpur, 27 Sep to 02 Oct- 2015.
26. **V.Kannan**, participated in **five days** ISTE COORDINATOR WORKSHOP on ENVIRONMENTAL STUDIES Conducted by IIT Bombay on IITB Campus Bombay, 23rd to 28th March 2015.
27. **V.Kannan**, participated in a **Two-Week** ISTE WORKSHOP on FLUID MECHANICS Conducted by IIT KARAGPUR on National college of engineering, Tirunelveli, 20th to 30th May, 2014.
28. **V.Kannan**, participated in a **Two-Week** ISTE WORKSHOP on ENGINEERING MECHANICS Conducted by IIT Bombay on National college of engineering, Tirunelveli, 26th Nov to 06th Dec, 2013.
29. **V.Kannan**, participated in **one day** All India Council for Technical Education (AICTE) Sponsored seminar on OPTIMIZATION TECHNIQUES IN ELECTRICAL SYSTEMS, Conducted by National College of engineering, Tirunelveli, 12th Nov 2013.
30. **V.Kannan**, Participated in the faculty development training program on “CE 2202- MECHANICS OF FLUIDS” at Department of Civil Engineering, Anna University Thoothukudi Campus from 19th to 26th June 2013.
31. **V.Kannan**, participated in a **one-day** workshop on “Internal auditing system” conducted by National College of engineering, Tirunelveli, 16th and 17th Nov, 2012.
32. **V.Kannan**, participated in a **Two days** ISTE Workshop on “Aakash for Education”, Conducted by IIT Bombay on National college of engineering, Tirunelveli, 10th and 11th Nov 2012.
33. **V.Kannan**, participated in **one days** NPTEL workshop on “National Program on Technology Enhanced Learning (IIT Madras)” conducted by National College of engineering, Tirunelveli, 5th Oct 2012.
34. **V.Kannan**, participated in the national level seminar on “Recent Development in Soft Energy Technology and ENERGY EXPO-2012” on 26th July 2012 on National College of Engineering, Tirunelveli.

35. **V.Kannan**, participated in a one-day workshop on “GIS & REMOTE SENSING”, conducted by Dr. Sivanthi Aditanar College of Engineering, Tiruchendure on 18th September 2010.
36. **V.Kannan**, participated in a one Day workshop on “Recent trend in internal combustion Engine-RTICE’10”, conducted by Infant Jesus College of Engineering and Technology, Tuticorin on 28th Aril 2010.
37. **V.Kannan**, took part in the “Career Guidance” seminar held at The Indian Engineering College, Tirunelveli, 15th March 2007.

Professional Associated Activities & Others:

1. Member in **Institution of Engineers (India), FIE** – Membership No.: F-1277797
2. IEI chartered engineer (Membership No.: F-1277797)
3. Member in “**International Association of Engineering (IAENG)**”- membership No.:134478
4. Member of “**Science and Engineering Institute (SCIEI)**”- membership No.:20130913002.
5. Doing consultancy for concrete structures and design of various Civil Engg. Structures like RCC framed structures, Bridges, Elevated Water Tanks etc.,
6. Plan and estimation for various civil Engineering structures were carried out.
7. Acting as a journal reviewer for reputed journal companies.

Program conducted:

Year	Department	Subject Name	Funded by	Total Amount Sanctioned by IIT's/AICTE
2015	Civil Engineering	Introduction to structural analysis	IIT Kharagur	85,435
2015	Civil Engineering	Environmental studies	IIT Bombay	1,30,336
2020	Civil Engineering	AICTE Funded short term training program on Basic of Remotes Sensing, Geographical Information System (GIS) and Global Navigation Satellite System (GNSS)	AICTE, Newdelhi	3,43,000

Also, as a Remote center coordinator of Indian Institute of Remote Sensing (IIRS-ISRO) Dehradun, the following courses were conducted;

1. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Satellite Photogrammetry and its Application**” conducted by Indian Institute of remote sensing (IIRS) during June 29, 2020 to July 03, 2020
2. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Health GIS: Geoinformatics for COVID19**” conducted by Indian Institute of remote sensing (IIRS) during June 15, 2020 to June 19, 2020

3. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Overview of Planetary Geosciences with special emphasis to the Moon and Mars**” conducted by Indian Institute of remote sensing (IIRS) during June 08, 2020 to June 12, 2020.
4. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Machine Learning for Remote Sensing Data Classification**” conducted by Indian Institute of remote sensing (IIRS) on June 1, 2020.
5. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Basics of SAR Remote Sensing**” conducted by Indian Institute of remote sensing (IIRS) during May 26, 2020 to May 30, 2020
6. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Basic Principles of Remote Sensing Technology**” conducted by Indian Institute of remote sensing (IIRS) during April 13, 2020 to April 25, 2020.
7. **DR. V. KANNAN**, working with **FRANCIS XAVIER ENGINEERING COLLEGE**, has coordinated the online training course on “**Geo-processing and Visualization on Web Platform**” conducted by Indian Institute of remote sensing (IIRS) during January 27, 2020 to February 07, 2020.



Signature of the Faculty

Place: K.R.Nagar

Date: 28.07.2023