

Curriculum Vitte

NAME : **KEERTHI GOWDA B S**

DATE OF BIRTH : 23-01-1986

SEX : Male

NATIONALITY : Indian.



DESIGNATION : **Assistant Professor**
M.Tech Program in Structural Engineering
Department of Civil Engineering
Centre for Postgraduate Studies VTU,
Mysore, Karnataka, India. PIN: 570029

PERMANENT ADDRESS : **Keerthi Gowda B S**
43, M I G II, III Phase
Karnataka Housing Board
Chickmagalur, Karnataka, India- 577102

PHONE NO. : M:+91 9964024281

E-MAIL : keerthiresearch@yahoo.com
keerthigowda@vtu.ac.in

MEMBERSHIP OF PROFESSIONAL BODIES : (i) **Indian Geotechnical Society**
(ii) **Life Member of ACCE.**
(iii) **Member if Institution of Engineers**

Qualification :

Sl. No	Degree/ Specialization	University/Institute	Division	% of Marks
1	B.E. (Civil Engg.)	V T U, Belgaum A I T, Chickmagalur	First Class with Distinction	77.15% (overall)
2	M.Tech. (CADs)	V T U, Belgaum M C E, Hassan	First Class with distinction	83.35% (overall)
3	Ph.D. (A Study on natural Fiber Reinforced Polymer Composite as an Alternative Building Materials)	V T U, Belgaum P E S C E, Mandya	Doctoral degree awarded on 27/11/2017	

Employment Record :

University / College	Designation	Period
Centre for Postgraduate Studies VTU-Mysore	Assistant Professor (Appointed Through Proper channel)	From 09-12-2013 to till Date
D A C G, Govt. Polytechnic Chickamagaluru	Lecturer (Transferred From GPT-Belur)	From 18-06-2012 to 09-12-2013
Govt. Polytechnic Belur	Lecturer (KPSC Selection)	From 18-01-2010 to 16-06-2012
Sri venkateshwara college of Engineering, Banglore.	Lecturer	From 23-07-2009 to 16-01-2010

Additional charges held:

- (i) Served as **Program Coordinator** at Civil Engineering Department – VTU PG Studies Mysore from 09-12-2013 to 30-06-2021
- (ii) Served as **In-charge Head of Civil Engineering Department** from 18-01-2010 to 30-05-2012 at GPT, Belur.
- (iii) Served as **Student Welfare Officer** in G P T, Belur from 18-01-2010 to 16-06-2012

Subjects taught for Diploma and UG classes:

- a) Engineering Mechanics.
- b) Strength of Materials
- c) Structural Analysis

Subjects taught for PG classes:

- a) Reliability Analysis of Structures
- b) Composite Materials
- c) Structural Dynamics
- d) Advanced Concrete Technology

PhD & M.sc Engg (by research) guidance:

PhD ----- 02(On-going)

M.Sc Engg. (by research) -----00

List of Publications:

Total----- 66 NO'S

Journals----- 23 NO'S (Int. J –21 and Nat. J -- 02)

Conferences -----43 NO'S (Int. Conf. –07 and Nat. Conf. -- 36)

Google scholar Citations -----352 (Google scholar h-Index ---- 11)

Scopus Citations --- 146 (Scopus h-Index ---- 7)

Journals

1. **Keerthi Gowda B S**, G L Easwara Prasad and Chethan V R “ Forecasting of SFRSCC'S Fresh Property by ANN”, International Journal of Earth Sciences and Engineering, ISSN 0974-5904, Volume 04, No 06 SPL, October 2011, pp. 276-281.

2. Ramakrishna, A. N., A. V. Pradeep Kumar and **Keerthi Gowda B S**. "Complex CBR (of BC soil-RHA-cement Mix) estimation: made easy by ANN approach [a soft computing technique]." *Advanced Materials Research*. Vol. 261. Trans Tech Publications, 2011.
3. **Keerthi Gowda B S**, and G. L. Easwara Prasad. "Prognostication of concrete mix proportion by ANN approach." *Advanced Materials Research*. Vol. 261. Trans Tech Publications, 2011.
4. **Keerthi Gowda B S** and G L Easwara Prasad "Do Nothing Agriculture: A Pollution Control Technique", *International Journal of Pharmaceutical Science and Health Care*, Issue 2 , Volume 4, August 2012, pp 100 to 103, ISSN: 2249-5738.
5. **Keerthi Gowda B S**, G L Easwara Prasad and R Velmurugan "Prediction of Optimized Cantilever Earth Retaining Wall using ANN", *International Journal of Emerging Trends in Engineering and Development*, ISSN NO : 2249-6149, Issue 2, Volume 6, Sept (2012).
6. A.N.Ramakrishna, **Keerthi Gowda B S** and G L Easwara Prasad "Complex UCS (of BC Soil-RHA-Cement mix) Estimation: Made Easy by ANN Approach [a Soft Computing Technique]", *International Journal of advanced scientific and Technical Research*, Issue 2 volume 5, October 2012, ISSN 2249-9954.
7. **Keerthi Gowda B S**, Prasad, GL Easwara, Velmurugan R. "Prediction of Characteristic Compressive Strength of CRPCSC Particulate Composite by ANN." *International Journal of Emerging trends in Engineering and Development*, Volime 6, Issue 2, 623 - 631, 2012, ISSN: 22496149.
8. Nayana Manohari T.K, **Keerthi Gowda B.S** and Vinayak P.Vijapur, "Prediction of Strength Characteristics of Fly Ash Concrete Using Artificial Neural Networking", *International journal of Engineering Research-Online*, Volume 1, Issue 2, ISSN: 2321-7758, 2013, pp 163-174.
9. Vikram M B, Chandradara G P and **Keerthi Gowda B S**, "A Study on Effect of Wind on the Static and Dynamic Analysis", *International Journal of Emerging Trends in Engineering and Development*, Issue 4, Vol.3, ISSN 2249-6149, May 2014, pp 885-890.
10. Anjan B K, C N Yadunandan and **Keerthi Gowda B S**, "Study on Earthquake Resistance of Reinforced Concrete frame Structures With and Wiyhout Stairscae", *International Journal of Emerging Trends in Engineering and Development*, Issue 4, Vol.3, ISSN 2249-6149, May 2014, pp 830-837.
11. Chethan Vaidya and **Keerthi Gowda B S**, "Analysis of Underground Parking Structure", *International Journal of Emerging Trends in Engineering and Development*, Issue 4, Vol.3, ISSN 2249-6149, May 2014, pp 838-843.
12. Raghavendra G, **Keerthi Gowda B S** and Gururaj M H, "Dynamic Analysis of Overhead Water Tank Under Shaft Staging", *International Journal of Advanced Scientific and Technical Research*, Issue 4, Vol.3, ISSN 2249-9954, May 2014, pp 505-511.
13. **B S Keerthi Gowda**, and R. Velmurugan. "Prediction of Tensile Properties of Untreated Coir Reinforced Polyester Matrix Composites by ANN'." *International Journal of Materials Science* 9.1 (2014): 33-38, ISSN 0973-4589.
14. Shruthi H R ,Dr.H Eramma, Yashwanth M K and **Keerthi gowda B S**. "A Study on Bagasse Ash Replaced Plain Cement Concrete", *International Journal of Advanced Technology in Engineering and Science*, Volume 2, Issue 8, 96-103, 2014, IJATES, ISSN : 2348-7550.
15. **Keerthi Gowda, B S.**, G. L Easwara Prasad, and R. Velmurugan. "Probabilistic study of tensile properties of coir fiber reinforced polymer matrix composite." *Int. J. Adv. Mater. Sci* 6.1 (2015): 7-17, ISSN 2231-1211.
16. **Keerthi Gowda B S** and Dharshan K. "Stability Enhancement of Cantilever Earth Retaining Wall with Pressure Relief Shelf by Soft Computing Technique". *Advanced Engineering and Applied Sciences: An International Journal*, ISSN 2320-3927, Volume 6, Issue 2, 2016, 65-68, Universal Research Publications.
17. **Keerthi Gowda B S** and Karthik Babu C. "Analysis of Counterfort Retaining Wall with and without Pressure Relief Shelf using Soft Computing Technique", *Science Insights: An International Journal*, ISSN: 2277-3835, Volume 6, Issue 1, 2016, 7-10, Universal Research Publications.
18. Hanamanagouda, **Keerthi Gowda B S**, Easwara Prasad G L, Velmurugan R. "Mechanical Properties of Raw Jute Polyester Composite" *International Journal of Fiber and Textile Research*, ISSN: 2277-7156 Volume 6, Issue 1, 2016, 20-24, Universal Research Publications.
19. **B S Keerthi Gowda**, V Lokesh, and G L Easwara Prasad. (2020). "Improvement of Structural Robustness Against Progressive Collapse of the Structure using In-Fill Walls". *Journal of Structural*

- Technology, (e-issn: 2581-950X), Volume 5, Issue 1, 2020, pp 36–43.
<http://doi.org/10.5281/zenodo.3685638>
20. **Keerthi Gowda, B S.**, Dakshayini, M. Application of FOSM and Chebyshev's theorem concept to predict compressive strength attributes of Corncob ash embedded cement concrete. *Computational Engineering and Physical Modeling*, 2020; 3(1): 11-20. doi: 10.22115/cepm.2020.212079.1075
 21. **B S Keerthi Gowda**, G L Easwara Prasad and R Velmurugan. (2020). "Utilization of Agriculture Waste Embedded Composite Wall Panels as Alternative Building Materials: A Concept of Lightweight Structures". *Journal of Structural Technology*, (e-issn: 2581-950X), Volume 5, Issue 2, 2020, pp 30–41.
 22. **Keerthi Gowda, B. S.**, Easwara Prasad, G. L, Velmurugan, R. Prediction of Mechanical Strength Attributes of Coir/Sisal Polyester Natural Composites by ANN. *Journal of Soft Computing in Civil Engineering*, 2020; 4(3): 70-94. doi: 10.22115/scce.2020.226219.1200
 23. **B. S. Keerthi Gowda**, K. Naresh, S. Ilangovan, M.R. Sanjay & S. Siengchin (2021): Effect of Fiber Volume Fraction on Mechanical and Fire Resistance Properties of Basalt/Polyester and Pineapple/Polyester Composites, *Journal of Natural Fibers*, DOI: 10.1080/15440478.2021.1904479

Conferences

1. Karisiddappa, Ramegowda and **Keerthi Gowda B S** "Unsolved 'KP' Estimation: Solved by ANN Approach", Proceedings of National Conference on Advances and Innovations in Civil Engineering, 25 March-2009, pp 83 to 87.
2. Vasantha.D, Sri RamaRaoT.A and **Keerthi Gowda B.S** "Complex Finite Slope Stability Analysis of Cohesive Soil Made by ANN", National Conference on Contemporary Civil Engineering Research and Practices – CCERP 2012 April 20-21 at M.I.T, Manipal.
3. Dr K Manjunath, **Keerthi Gowda B S** and Dr G L Easwara Prasad "Optimization of Cantilever Earth Retaining Wall using Artificial Neural Network", Proceedings of National Conference on Innovations in Civil Engineering, April 19&20, 2012 (Paper No T118.)
4. Kiran. S.P, R .Muralidhara and **Keerthi Gowda. B.S** "Optimum Design and Forecasting of Cantilever Earth Retaining Wall by Soft Computing Technique", National Conference on Contemporary Civil Engineering Research and Practices – CCERP 2012 April 20-21 at M.I.T, Manipal.
5. Chethan V.R, Sri RamaRaoT.A and **Keerthi Gowda B.S** "Optimization of Counterfort Retaining Wall Using Artificial Neural Network", National Conference on Contemporary Civil Engineering Research and practices – CCERP 2012, April 20-21 at M.I.T, Manipal.
6. Kavan M. R, Prakash P and **Keerthi Gowda B. S** , "Optimization and Prognostication of Counterfort Earth Retaining Wall with Traffic Load Using Artificial Neural Network", Proceedings of First National Conference on Innovative Approaches to meet Challenges in Civil Engineering – 2013, 4th May 2013.
7. Manu. K Gowda, Ananthayya. M. B, **Keerthi Gowda. B. S** , "Prediction Of Optimized Cantilever Retaining Wall With Batter (Sloping Backfill) By Soft Computing Technique", Proceedings of First National Conference on Innovative Approaches to meet Challenges in Civil Engineering – 2013, 4th May 2013.
8. **Keerthi Gowda B S**, E G L Prasad, R Velmurugan and N K Akshay. "Comparative study of tensile strength of coir and sisal fiber reinforced composites". The Indo Russian Workshop on Tropical Problems in Solid and Applied Mechanics. 2013, Indian Institute of Technology Madras, November 12-16.

9. **Keerthi Gowda B S** and Sunil Kumar P, "Experimental study on strength characteristics of Self Curing Concrete", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 56-62.
10. **Keerthi Gowda B S** and Madhusudan S R, "Experimental study on Pervious Concrete", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 63-69.
11. **Keerthi Gowda B S**, Shivananda S M and Shiva kumar K, "Study of Sismic Pounding Effects between Adjacent Buildings", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 522-527.
12. **Keerthi Gowda B S** and Syed Tajjodeen, "Seismic Analysis of Multistorey Building with Floating Coulmn", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 528-535.
13. **Keerthi Gowda B S** and Nakul N, "Behavior of Regular Multistoreyed Structures Subjected to Gravity Loads and Lateral Loads", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 536-543.
14. **Keerthi Gowda B S** and Bharath M S, "Effect of Diaphragms on Nonlinear Analysis of RC Structure with and without Infill ", Proceedings of the First Annual Conference on innovations and developments in Civil Engineering, ACIDIC – 2014, NITK Surathkal, India, 19-20 May 2014, pp 544-551.
15. Vidya Angadi · **Keerthi Gowda B S** · Prasad G L Easwara · Velmurugan R. "Prognostication of Concrete Mix Proportion using Soft Computing Technique", Proceedings of International Conference on Trends and Recent Advances in Civil Engineering, Aug - 2016, 536-542.
16. **Keerthi Gowda B S**· Abhilash A S. "A Comparative Study of Multi-storey RC Structures with Y-Shaped Columns", Proceedings of International Conference on Trends and Recent Advances in Civil Engineering, Aug - 2016, 551-557.
17. **Keerthi Gowda B S** · Easwara Prasad · Bindusara T.S. · Velmurugan R. "Optimum Design of Isolated RCC Footing using Soft Computing Technique", Proceedings of International Conference on Trends and Recent Advances in Civil Engineering, Aug - 2016, 500-505.
18. **Keerthi Gowda B S** Muktha K, "Comparative Study on OPC and PPC Composites with Foundry Sand as Partial Replacement for Fine Aggregate - An Experimental Approach", ATCESD-2016, 258-260, ISBN-978-93-5258-252-5.
19. **Keerthi Gowda B S** and Dudal Kenchappa Mangeni, "Experimental Study on Flexural Strength of Normal Beam by Replacing Tension Reinforcement with Waste Rubber Tyre", ATCESD-2016, 226-229, ISBN-978-93-5258-252-5.
20. **Keerthi Gowda B S** Dayananda N, "An Experimental Study on Utilization of Fly Ash and Slag in the Production of Compressed Bricks", ATCESD-2016, 254-257, ISBN-973-93-5258-252-5.
21. **Keerthi Gowda B S** Bindusara T S, "Analysis of Steel Truss Member and a Parametric Study Using Spread Sheet", ATCESD-2016, 247-253, ISBN-978-93-5258-252-5.
22. **Keerthi Gowda B S**, AN Ramakrishna, GL Easwara Prasad. "Prediction of CBR Value of Black Cotton Soil Blended with Lime and Coffee Husk". Proceedings of Golden Jubilee Conference of the IGS Bangalore Chapter, Geo-Innovations, 30-31 October 2014.

23. Punit Tilekar, Mahesh Chandra, **Keerthi Gowda B S**. " Experimental Study on Strengthening of RC Beams by Using GFRP Wrapping", ICGCSC 2017, 17th -18th March, 2017, 338-343, ISBN: 978-93-5267-355-1
24. Pavanakumar Pastay, Venkatareddy Koppad And **Keerthi Gowda B S**. "Application of Natural Coagulants in Removal of Turbidity and Hardness", ICGCSC 2017, 17th -18th March, 2017, 344-346, ISBN: 978-93-5267-355-1.
25. Rohan Pawar, Amit Patted And **Keerthi Gowda B S**. "Recycling of Bituminous Pavement by RAP Method", ICGCSC 2017, 17th -18th March, 2017, 347-350, ISBN: 978-93-5267-355-1.
26. Arpana Beeranna Devakate, Acharya V T And **Keerthi Gowda B S**. "Effect of Sugar on Setting-Time and Compressive Strength of Concrete", ICGCSC 2017, 17th -18th March, 2017, 335-337, ISBN: 978-93-5267-355-1.
27. G L Easwara Prasad, **B S Keerthi Gowda**, R Velmurugan and M K Yaswanth, "Prediction of Properties of CRPCSC Particulate Composite by ANN", *Experimental Mechanics of Composite, Hybrid and Multifunctional Materials*, Volume 6, Springer International Publishing, 1st Jan 2014, pp 17-22.
28. G L Easwara Prasad, **B S Keerthi Gowda** and R Velmurugan, "Prediction of Properties of Coir Fiber Reinforced Composite by ANN", *Experimental Mechanics of Composite, Hybrid and Multifunctional Materials*, Volume 6, Springer International Publishing, 1st Jan 2014, pp 1-7.
29. Prasad, GL Easwara, **B S Keerthi Gowda**, and R. Velmurugan. "Prediction of Flexural Properties of Coir Polyester Composites by ANN." *Mechanics of Composite and Multi-functional Materials*, Volume 7. Springer International Publishing, 2016. 173-180.
30. Prasad, GL Easwara, **B S Keerthi Gowda**, and R. Velmurugan. "Comparative Study of Impact Strength Characteristics of Treated and Untreated Sisal Polyester Composites." *Procedia Engineering* 173 (2017): 778-785.
31. Prasad, GL Easwara, **B S Keerthi Gowda**, and R. Velmurugan. "A Study on Impact Strength Characteristics of Coir Polyester Composites." *Procedia Engineering* 173 (2017): 771-777.
32. Prasad, GL Easwara, **B S Keerthi Gowda**, and R. Velmurugan. "A Study on Mechanical Properties of Raw Sisal Polyester Composites." *Mechanics of Composite and Multi-functional Materials*, Volume 7. Springer International Publishing, 2017. 287-293.
33. Dhakal, Saurab, and **B S Keerthi Gowda**. "An experimental study on mechanical properties of banana polyester composite." *Materials Today: Proceedings* 4.8 (2017): 7592-7598.
34. Dayananda, N., and **B S Keerthi Gowda**. "Prediction of properties of fly ash and cement mixed GBFS compressed bricks." *Materials Today: Proceedings* 4.8 (2017): 7573-7578.
35. Adhikari, Ram Krishna, and **B S Keerthi Gowda**. "Exploration of mechanical properties of banana/jute hybrid polyester composite." *Materials Today: Proceedings* 4.8 (2017): 7171-7176.
36. Abhishek, A. P., **B S Keerthi Gowda**, GL Easwara Prasad, and R. Velmurugan. "Probabilistic Study of Tensile and Flexure Properties of Untreated Jute Fiber Reinforced Polyester Composite." *Materials Today: Proceedings* 4, no. 10 (2017): 11050-11055..
37. Kejariwal, Roshan K., and **B S Keerthi Gowda**. "Flammability and moisture absorption behavior of sisal-polyester composites." *Materials Today: Proceedings* 4.8 (2017): 8040-8044.
38. Muktha, K., and **B S Keerthi Gowda**. "Investigation of Water Absorption and Fire Resistance of Untreated Banana Fibre Reinforced Polyester Composites." *Materials Today: Proceedings* 4.8 (2017): 8307-8312.

39. Prasad, GL Easwara, **B S Keerthi Gowda**, and R. Velmurugan. "A Study on Mechanical Properties of Treated Sisal Polyester Composites." *Mechanics of Composite and Multi-functional Materials, Volume 6*. Springer, Cham, 2018. 179-185.
40. Dayananda, N., **B S Keerthi Gowda**, and GL Easwara Prasad. "A Study on Compressive Strength Attributes of Jute Fiber Reinforced Cement Concrete Composites." *IOP Conference Series: Materials Science and Engineering*. Vol. 376. No. 1. IOP Publishing, 2018.
41. Bindusara, T. S., **B S Keerthi Gowda**, and R. Velmurugan. "A Study on Mechanical Properties of Symmetrical and Asymmetrical Woven Jute Fiber Composite Polymer." *IOP Conference Series: Materials Science and Engineering*. Vol. 376. No. 1. IOP Publishing, 2018.
42. Prasad, GL Easwara, B. E. Megha, and **B S Keerthi Gowda**. "Study of Mechanical Characteristics of Banana and Jute Fiber Reinforced Polyester Composites." *Mechanics of Composite, Hybrid and Multifunctional Materials, Volume 5*. Springer, Cham, 2019. 23-29.
43. Easwara Prasad G.L., **Keerthi Gowda B.S.**, Velmurugan R. (2021) Experimental Study on Compressive Strength of Copper Slag Replaced Cement Concrete. In: Singh R.P., Chalivendra V. (eds) *Mechanics of Composite, Hybrid and Multifunctional Materials*, Volume 6. Conference Proceedings of the Society for Experimental Mechanics Series. Springer, Cham. https://doi.org/10.1007/978-3-030-59868-6_12

Other Degrees/Diplomas:

- a) PGDDCCS: Post Graduate Diploma in Design and Construction of Concrete Structures (Annamalai University – by distance education, 2010-2011 batches).
- b) PGDKS: Postgraduate Diploma in Kuvempu Sahithya (Karnataka State Open University, Mysuru, Karnataka – by distance education, 2012-2013 batches).
- c) PGDCE: Postgraduate Diploma in Communicative English (Karnataka State Open University, Mysuru, Karnataka – by distance education, 2014-2015 batches).

Certificates/MOOC courses:

- 1) NATIONAL CERTIFICATE IN MODULAR EMPLOYABLE SKILLS -2010.
- 2) Certificate of completion of Auto CAD Essentials – 2010.
- 3) Computer literacy test certificate of Govt. of Karnataka - 2016
- 4) Earth science for Civil Engineering – II (NPTEL Online Course) – 2017.
- 5) Outcome Based Pedagogic Principles for Effective Teaching - (NPTEL Online Course) – 2017.
- 6) Manufacturing of Composites - (NPTEL Online Course) – 2017.
- 7) Reinforced Concrete Road Bridges - (NPTEL Online Course and AICTE approved ½ week FDP course) – 2018.
- 8) Hydration, Porosity & Strength of Cementitious Materials - (NPTEL Online Course and AICTE approved 01week FDP course) – 2019.
- 9) Introduction to Composites - (NPTEL Online Course and AICTE approved 1½ week FDP course) – 2019.
- 10) The certificate is presented for translating the SWAYAM-NPTEL files of the course “Design of Masonry Structures (105106197) offered by IIT-Madras in Kannada language. Dated 22/04/2021.

- 11) Fundamentals of Artificial Intelligence - (NPTEL Online Course and AICTE approved 1½ week FDP course) – 2021.
- 12) The certificate is presented for translating the SWAYAM-NPTEL files of the course “Engineering mathematics - I (111105121)” offered by IIT-Madras in Kannada language. Dated 24/01/2022.

Research Projects handled / handling:

- 1) Financial Assistance under V T U Research Grants Scheme- 2011-12 (Research work completed).
- 2) Seed Money to Young Scientist for Research (SMYSR), VGST, GoK, 2014-2015. (Research work completed and submitted)

FDP through NPTEL/SWAYAM MOOC course

SI No.	Name of the Course	Duration of FDP	Year of Completion
01	Reinforced Concrete Road Bridges	½ Week	Aug-Sept 2018
02	Hydration, Porosity & Strength of Cementitious Materials	01Week	Jan-Mar 2019
03	Introduction to Composites	1½ Week	Jan-Mar 2019
04	Fundamentals of Artificial Intelligence	1½ Week	July- Oct 2021

Conferences / Seminars / Workshops attended:

SI No.	Year	Conferences/seminars/workshops attended	Period
56	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Advances in Composites and Nano Materials" at Dr Ambedkar Institute of Technology, Bangalore. No: ATAL/2021/1639110047	13/12/2021 to 17/12/2021 (One week)
55	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FRACTURE MECHANICS IN CONCRETE STRUCTURE" organized by OSMANIA UNIVERSITY No: ATAL/2021/1625285446	06/12/2021 to 10/12/2021 (One week)
54	2021	AICTE Training And Learning (ATAL) Academy sponsored Online Elementary FDP on National Education Policy “Teachers Role in NEP Implementation” organized by Indira Gandhi National Open University Regional Centre Panaji. No: ATAL/2021/1634103810	22/11/2021 to 26/11/2021 (One week)
53	2021	Five Day Faculty Development Program on "Analysis, Design and Testing of Towers", organized by Department of Civil Engineering, NMIT, Bengaluru.	13th - 17th September 2021 (One week)
52	2021	Online Faculty Development Program on “Software Applications in Civil Engineering ” organized by Department of Civil Engineering, Ballari Institute of Technology & Management,	6th -10th September 2021 (One week)

		Ballari in Association with- IQAC Cell, BITM Ballari, Karnataka.	
51	2021	A National level 5-days online faculty development program on “Design and Construction practices of Bridges” organized by the Department of Civil Engineering, MITE Moodbidri.	30/08/2021 to 03/09/2021 (One week)
50	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Innovations in Concrete Technology" at Sakthi Polytechnic College, Tamilnadu. No:ATAL/2021/1625284405	2021-07-12 to 2021-07-16 (One Week)
49	2021	International Conference on Recent Trends in Science & Technology ICRTST – 2021, organized by ATME College of Engineering, Mysuru. Title of the paper: “Effect of Carbon-Dioxide curing on Concrete”	8 th and 9 th July 2021
48	2021	Online training programme on "Futuristic Research in Disaster Resilience" organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Department of Civil Engineering Vidyavardhaka College of Engineering Mysuru.	11 June 2021 to 13 June 2021
47	2021	One Week Faculty Development Program on “Modern Approach for Structural Design and Construction (MASDAC-2021)” Organized by Department of Civil Engineering, Bangalore Institute of Technology, Bangalore.	26th April to 1st May 2021. (One Week)
46	2021	TEQIP- III sponsored one week online faculty development programme on “Recent Advances in Sustainable Materials For Engineering Applications” organized by Department of Civil Engineering, BMSCE, in association with F.E.T. M.J.P. Rohilkhand University, Bareilly.	22/02/2021 to 26/02/2021 (One week)
45	2020	AICTE sponsored One week online short term training programme on “Structural Dynamics and earthquake resistant design of structures” organized by the Department of Civil Engineering, Malnad College of Engineering, Hassan.	14/12/2020 to 19/12/2020 (One week)
44	2020	International web symposium on Technology and Management conducted by VTU in collaboration with Aspire for her Foundation.	16/12/2020 to 18/12/2020 (03 days)
43	2020	The Five Day Online Faculty Development Programme on “RECENT TRENDS IN DATA SCIENCE APPLICATIONS”. Organized by the department of Computer Science and Engineering in association with ISTE Faculty Chapter, SMVITM, Bantakal.	23/11/2020 to 27/11/2020 (One week)
42	2020	Faculty development programme on virtual labs for affiliated engineering colleges under VTU Belagavi for civil engineering and related domains organized by VTU – Belagavi, in association with NITK – Surathkal.	19/10/2020 (One day)
41	2020	6 Day National Online FACULTY DEVELOPMENT PROGRAM On “WASTE MANAGEMENT & ENVIRONMENTAL PROTECTION- ASUSTAINABLEAPPROACH” conducted by the Department of Civil Engineering, Nitte Meenakshi Institute of Technology, Bangalore.	12/10/2020 to 17/10/2020. (One week)
40	2020	Five day faculty development program on “Structural Engineering”. Organized by Department of Civil Engineering, Adichunchanagiri Institute of Technology, Chikkamagaluru.	21/09/2020 to 25/09/2020 (One week)
39	2020	Faculty Development Program on, "An Overview of Multidisciplinary Approaches in the Field of Civil Engineering". Organized by Department of Civil Engineering, Rajeev Institute of Technology, Hassan.	07-09-2020 to 11-09-2020 (one week) (02.30 pm to 04.00 pm)
38	2020	TEQIP – III sponsored one week (five days) online faculty	07-09-2020 to 11-09-2020

		development program on “Research Opportunities in Civil Engineering”, organized by Department of Civil Engineering, The National Institute of Engineering (NIE) Mysuru.	(one week) (10.00 AM to 1.30 PM)
37	2020	AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence", at Government Polytechnic, Harapanahalli. No:ATAL/2020/1597213051	2020-8- 31 to 2020-9-4 (One week)
36	2020	One - week online Faculty Development Program (FDP) on “Advanced or Smart Processing Technology” organized by Department of Polymer Science and Technology, SJCE, Mysuru.	10 th to 14 th August 2020 (One week)
35	2020	One – week Online Faculty Development Programme on “SUSTAINABLE DEVELOPMENTS IN CIVIL ENGINEERING”, organized by Department of Civil Engineering, Vidyavardhaka college of Engineering, Mysuru.	3rd to 8th August 2020 (One Week)
34	2020	TEQIP-III Sponsored One Week Online Faculty Development Program on “Quality Control and Safety in Polymer & Allied Industries”, organized by the Department of Polymer Science and Technology, SJCE, Mysuru.	27 th to 31 st July 2020 (One week)
33	2020	Five days Online Faculty Development Programme on “Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario”. Organized by the Department of Civil Engineering BMS Institute of Technology and Management, Bengaluru, in association with Paradigm Environmental Strategies (P) Ltd, Bengaluru.	14/7/2020 to 18/7/2020 (One week)
32	2020	Chair person of civil Engineering stream sessions and also presented a paper in Global conference “Advanced Smart and Sustainable Technologies in Engineering” (GCASSTE-2020). MITE Moodabidri, Karnataka. India.	30 -31 January, 2020 (Two days)
31	2020	Invited Talk in Second International Conference on Advanced Materials and Technology (ICMAT-2020) at SJCE, Mysuru, Karnataka, India.	Jan 16 – 18 (03 days)
30	2019	Symposium on collaborative research	Aug 19 – 20 (Two days)
29	2019	Faculty Development program on “ Characterization of Materials by Advanced Analytical Techniques”. Organized by the Department of Polymer Science and Technology, SJCE, Mysuru.	June 17 – 21 (One week)
28	2018	GIAN course on “Composite Materials & Structures: Processing and Fabrication, Analysis and Design”. Organized by the Department of Polymer Science and Technology, SJCE, Mysuru.	Dec 31 st 2018 to Jan 11 th 2019 (Two weeks)
27	2018	Indian Geotechnical Conference – IGC – 2018	Dec 13 – 15 (Three days)
26	2018	Workshop on “New Model Curriculum for PG Courses as per Outcome – Based Education format including Course Outcomes and Bloom’s Taxonomy”	Aug 08 (One day)
25	2018	Resource person in Short term training programme on “Managerial Excellence for technical Teachers”	March 05 th (One day)
24	2017	Two days national conference on “Modern Trends in Mechanical Engineering”	May 19 – 20 (Two days)
23	2017	International conference on Advances in Mechanical Engineering Sciences [ICAMES-17]	April 21 – 22 (Two days)
22	2016	11 th International Symposium on Plasticity and Impact Mechanics – IMPLAST 2016	Dec 12 – 14 (Three days)
21	2016	Design Safe 2016	Nov – 19 (One day)
20	2016	Advanced Trends in Civil Engineering & Sustainable Development – National Conference	Feb 26 – 27 (Two days)
19	2015	Avoiding the Risk of Plagiarism	Oct 10 (One day)

18	2015	Research Methodology and Statistical Tool Analysis using SPSS	July 24 – 28 (One week)
17	2015	Faculty Orientation	July 20 – 24 (One week)
16	2015	Structure and Foundation Analysis	July 05 – 10 (One week). Secured 42% in online examination.
15	2015	Big Data Analytics and its Applications	June 22 – 25 (Four Days)
14	2015	MAT Lab and its Applications	March 28-29, April 11-12 and April 20 (One week)
13	2015	LATEX and its applications	Feb 26 – 28 and March 06-07 (One week)
12	2014	Faculty Skill Sets – Discovering the Teacher in You	Dec 01 – 06 (One week)
11	2014	Finite Element Method - Foundation	March 27 (One day)
10	2014	Use, Abuse and Misuse of Language in Research Publications	March 22 (One Day)
09	2014	Water Proofing of Concrete Structures	Feb 26 (One Day)
08	2014	Role of Teachers: Challenges and opportunities	Feb 23 (One Day)
07	2014	Training of Evaluators and Outcome Based Education and accreditation	Feb 03, Feb 14 – 16 (Four Days)
06	2014	PLC and SCADA	Jan 17 to 18 (Two days)
05	2013	Communication Analysis and Skill Development Programme	Sept 23 to 27 (One Week)
04	2013	QIP: Instructional Design and Delivery Systems	Feb 25 to March 01 (One week)
03	2013	Inductional Training	Feb 12 to 22 (Two week)
02	2012	Advances in Composites – A Research Perspective	June 26 to 30 (One week)
01	2011	Two Days Workshop on Research Methodologies and Latex	Nov 21 and 22

**Continuing Education Programmes / Short Term Courses / Workshops / Seminars etc.
Organized:**

Title of Programme	Period	Funding Agency
Significance of #D Printing for Academia & Research	March 08, 2014 (Workshop Coordinator)	VTU, Belagavi
Research Methodology and Intellectual Property Rights	November 23, 2019 (Program Coordinator)	TEQIP-1.3, VTU, Belagavi
Kannada Lipikar	21/09/2020 to 25/09/2020 (Workshop Coordinator)	Approved by VTU, Belagavi (Online workshop, No financial fund utilized)

Attended industrial trainings:

Title of Programme	Period and Industry name	Permitted by
Industrial Training on “Analysis and design of bridges and multi-storied structures”	01/04/2020 to 21/04/2020 (21 days) Classic consultants – Mysuru	Visvesvaraya Technological University Ref: VTU/BGM/DPAR/CR(2)/07/2018-19/3019 Dated 23/03/2020

As a Reviewer of research article in:

Journal name	Publication

Advances in Materials and Processing Technologies	Taylor & Francis
Polymer Testing	ELSEVIER

Patent:

*Application No.: **202141033168 A**
*Title: **A Natural Fiber Reinforced Polymer Composite as Alternative Building Material And Preparation Method Thereof**
*Applicant Name: **Dr. Keerthi Gowda B S**, Dr. G L Easwara Prasad and Dr. R Velmurugan
*Field of Invention : Polymer Technology
*Country: **INDIA**
*Date of filing of Application: 23/07/2021
*Publication Date: 06/08/2021
*Page Number: 34580
*Indian Patent Journal Number: **The Patent Office Journal No. 32/2021 Dated 06/08/2021**

Copyrights:

*Application No.: **26393/2021-CO/L**
*Title: **Machine Learning Method and System for Solving a Prediction Problem**
*Applicant Name: Dr. Ratnababu Pilli, Dr.G.Shobana, Dr. R. Suresh Kumar and **Dr. Keerthi Gowda B S**
*Field of Invention : **Literary/ Dramatic Work**
*Country: **INDIA**
*Date of filing of Application: **29/10/2021**
*Registered Date: **21/01/2022**
*Page Number: **NA**
*Indian Copyright Registration Number: **L-110699/2022 Dated: 21/01/2022**

(Dr. Keerthi Gowda B S)