

FACULTY PROFILE

Name : Dr. R. B. Khadiranaikar



Designation : Professor
Department : Civil Engineering
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Vidwan Id : 125118
Researcher ID : AAF-5542-2021
(Web of Science)
Google Scholar ID : nEiwL6wAAAAJ

Qualification : Ph.D.

Professional Experience

Teaching experience : 34
Industry experience : -

Administrative Responsibilities

- 1. Worked as Placement officer.
- 2. Empaneled as a National level NBA committee member.
- 3. Worked as an Executive Member of NBA Committee constituted at the college level.
- 4. Worked as Member of BOE and BOS.
- 5. Worked as Nodal officer for Faculty and Staff Development under TEQIP.
- 6. Worked as Member of State level library book selection committee.
- 7. Worked as H.O.D. Civil engineering department.

Teaching :
No. of Projects Guided

UG : 65 +
PG : 35

Research
Interest Area

: High performance concrete (HPC), Reactive powder concrete(RPC), Geopolymer concrete(GPC), Fibre reinforced concrete(FRC), Concrete mechanics, Design of reinforced concrete and steel structures.

No. of
Research Scholars

Pursuing

: 5

Awarded

: 5

Patents

: -

Research Grants

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Sl. No.	Project title	Amount (Rs. in Lakhs)	Year	Remarks
1.	Modernization of Concrete Laboratory	12.00	2002	Completed
2.	National Seminar on IPRS	2.00	2002	Completed
3.	Two-days National Workshop on IPR	0.75	2004	Completed in Feb. 2006.
4.	SDP on Maintenance of Concrete Highways	2.00	2004	Completed in January, 2006
5.	Behaviour of High Performance Concrete Columns.	14.07	2009	Completed and UC submitted
6.	Durable Concrete for sustainable development	12.70	2009	Completed
7.	Properties of Reactive powder concrete	10.25	2010	Completed

Publications

Books/Chapters

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Sl.No	Title
1.	Khadiranaikar, R.B, Aijaz Zende “Experimental investigation of high strength self-compacting fibre reinforced concrete” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol. 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer. Pp. 345-356
2.	Khadiranaikar, R.B., A.A. Momin, “Experimental and Finite Element Analysis of 80MPa Two-span High-Performance Concrete Beam under Flexure” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal, 19-June2018 A book Chapter on published in Vol. 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.pp381-392
3.	Khadiranaikar, R.B, S. M. Muralan “Aggregate size and void content effect on the characteristics of pervious concrete” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.

4.	Khadiranaikar, R.B Aslam Hutagi, “The Effects of GGBFS on Strength Properties of Geopolymer Concrete Cured at Ambient Temperature”, International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.369-378
5.	Khadiranaikar, R.B., Abbas Ali Dhundasi “Effect of Curing Conditions on Mechanical Properties of Reactive Powder Concrete with Different Dosage of Quartz Powder”, International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol. 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.

Journals (with citations)

No.	Paper
1.	Khadiranaikar R.B., and Awati M.M., “Stress-block parameters for High Strength Concrete - A Review,” Journal of Structural Engineering, Vol.35 Aug-Sept.2008, pp.224-231
2.	Khadiranaikar R.B., and Awati M.M., “Evaluation of Design Issues of Compression Members with High Performance Concrete, Indian Concrete Institute Journal, Chennai, Oct-Dec. 2009, pp33-40
3.	Khadiranaikar R.B., and Awati M.M., “Behaviour of Reinforced Concrete Beams under Flexure,” Civil Engineering and Construction Review (CE&CR), Vol.22, No.7, July 2009, pp 46-51
4.	Khadiranaikar R.B., Awati M.M., “Behaviour of Short Concrete Columns Under Axial Compression, Indian Concrete Journal, Vol.85, No.4, April 2011,35-49
5.	Khadiranaikar R.B., and Awati M.M., “Concrete Stress Distribution factors for High Performance Concrete, ASCE, Journal of Structural Engineering, and Vol.138. No.3, March 1, 2012, 402-415.
6.	Khadiranaikar R.B., Awati M.M., “Behaviour of Concentrically Loaded High Performance Concrete Tied Columns”, Elsevier - Engineering Structures,37(2012), 76-86.
7.	Khadiranaikar R.B., and Shankar H.Sanni. “Rapid Chloride Penetration test on Geopolymer Concrete”, International Journal of Earth Sciences and Engineering” ISSN0974-5904, Vol.5, No.6, Dec.2012,pp.1652-1658.
8.	Khadiranaikar R.B., and Murnal S.M., “Factors affecting the strength of Reactive Powder Concrete”, International Journal of Civil Engineering and Technology (IJCIET), Vol.3, Issue2, July-Dec.2012,pp 455-464, ISSN0976-6308.
9.	Khadiranaikar R.B., and Shankar H. Sanni, “ Performance of Geopolymer Concrete Under Various Environmental Conditions”, International Journal of Civil and Structural Engineering, Vol. 3, Nov.2012,pp.396-407.
10.	Khadiranaikar R.B., and Awati M.M., “Design implications of IS:456:2000for high performance concrete”, Journal of structural engineering, Vol 39, number 6, February 2013, PP 39-64, ISSN 0970-0137.
11.	Khadiranaikar R.B., and Awati M.M., “Economy of Using HPC in Multistorey Buildings, Journal of Structural Engineering, Accepted for publication.

12.	Khadiranaikar R.B., and Shankar H.Sanni, “ Performance of Geopolymer Concrete Under Various Curing Conditions”, ISJR-International Journal of Scientific Research, Vol. 2, Issue:3 Mar. 2013, ISSN No. 2277-8179. Pp16-18
13.	Khadiranaikar, R. B., and Sanni S.H., “Performance of Alkaline Solutions on Grades of Geopolymer Concrete” International Journal of Research in Engineering and Technology,, Nov. 2013. pp.366-371.
14.	Khadiranaikar R.B., and Shankar H.Sanni, “Stress strain Characteristics for Geopolymer Concrete-An Experimental Approach”, Current Advances in Civil Engineering, Vol.2. No.2.Apr 2014.pp.1-4.
15.	R.B.Khadiranaikar, B.G. Naresh Kumar, Md. Aqeeb Hussain and Avinash Gornale “Strengthening of RC framed Structures Using Energy Dissipation Devices” IOSR Journal of Mechanical and Civil Engineering(IOSR-JMCE), e-ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 8, Issue 5 (Sept-Oct 2013), PP 48-55
16.	Khadiranaikar R.B., and Murnal S.M.,” Study on the Durability Characteristics of Reactive Powder Concrete”, International Journal of Structural and Civil Engineering Research, Vol.2, No.3, May 2014.
17.	Khadiranaikar R.B., and Shankar H.Sanni, “Non-Destructive Tests with Rebound Hammer and Ultrasonic Pulse Velocity Measurements on Geopolymer Concrete”, International Journal of Earth Sciences and Engineering. Vol.07, No 1,Feb.2014, PP 331-335
18.	Khadiranaikar R.B., and Shankar H.Sanni, “Flexural Behaviour of Reinforced Geopolymer Concrete Beams”, International Journal of Earth Sciences and Engineering. ISSN volume 07, No 04 August 2014 PP 595-602
19.	Khadiranaikar R.B., and Shankar H.Sanni, “Mechanical Properties of Geopolymer Concrete,” Indian Concrete Institute Chennai, April-June 2014,PP.24-31.
20.	Khadiranaikar, R.B. and Masali Arif, “Seismic Performance of Buildings Resting on Sloping Grounds-A Review,” International Organization of Scientific Research Journal of Mechanical and Civil Engineering (IOSR-JMCE), Vol.11, Issue 3 Ver. III (May-June, 2014), PP 12-19,e-ISSN: 2278-1684, p-ISSN: 2320-334X.
21.	Khadiranaikar, R.B., Halli, Yallappa, “Seismic Performance of RC Frame With Steel Bracings” International Journal of Engineering Research & Technology (IJERT), Vol.3, Issue 8, August 2014. PP 726-735,ISSN: 2278-0184.
22.	Khadiranaikar, R. B., Abbas Ali, Dhundasi, “Equations for estimation of fundamental time period for Elevated water tank” International Journal of Civil Engineering & Technology (IJCIET), Vol. 5, Issue 9, Sept. 2014, pp. 266-275.
23.	Khadiranaikar R. B., Murnal Santosh, Nagesh, “Flexural Behaviour of High Performance Concrete Beams using Finite Element Analysis”, Journal of Structural Engineering, SERC, Chennai, Vol.42, No.2., June-July 2015, pp.158-166.
24.	Khadiranaikar R.B., and Haibathpure, Someshwar, “Comparative study on RC frame, Flat slab frame, Flat plate frame and Prestressed slab frame with shear wall and without shear wall in seismic region.” International Journal of Advance Engineering and Research Development, Volume 02, Issue 08,Aug 2015.pp.65-77.
25.	Khadiranaikar R.B., and Haibathpure, “A Comparative study on RC frame, flat plate frame and Prestressed slab frame in Seismic Region.” International Journal for scientific research and development, volume 03, Issue 06,August 2015, pp.1052-1055.
26.	Khadiranaikar R.B., and Tiger Venkateshwar, “Study on effect of shape in PSC Box Girder Bridge.” International Journal for

	Scientific Research and Development, Volume 03, Issue 06, August 2015, pp.412-416
27.	Khadiranaikar R.B., and Mahantesh S. Patil, "Dynamic Analysis Of High Rise RC Structure with Shear Walls and Coupled Shear Walls " International Journal of Advance Engineering and Research Development, Volume 02, Issue 08, August- 2015, pp.24-35.
28.	Khadiranaikar R.B., and Murnnal S.M., "Quantification of Hydration Products in Reactive Powder Concrete", Indian Concrete Journal, August 2015, Vol.89, Issue 8, pp.64-72.
29.	Khadiranaikar, R.B M.V. Tatikonda, "Mechanical Properties of High Performance Concrete Containing Rice Husk Ash" International Journal of Advance Foundation and Research in Science and Engineering, Volume 02, Issue 06, August 2015, pp.26
30.	Khadiranaikar, R.B., M.V. Tatikonda, "Modulus of elasticity and Poisson's Ratio of High Performance Concrete Containing rice Husk Ash" International Journal of Advance Foundation and Research in Science and Engineering, Volume 02, Issue 06, August 2015, pp.31
31.	Khadiranaikar, R.B, and S.M. Murnal "Flexural fatigue strength of reactive powder concrete under repeated cyclic loading "International Journal for scientific research and development. February 2015. Vol. 2, Issue 12, 513-517
32.	Khadiranaikar, R.B., and Tiger Venkateshwar, "effect of number of cells in PSC box girder Bridge." International Journal of advance Engineering and Research Development (IJAERD), Volume 03, Issue 06, June 2016, pp.226-236
33.	Khadiranaikar, R.B and Shankar H. Sanni "Experimental Investigations of Reinforced Geopolymer Concrete Beams" ICI July-September 2016, pp. 29-37
34.	Khadiranaikar, R.B, S. M. Murnal "Stress-strain behavior of reactive powder concrete" Journal of Structural Engineering. Feb March 2016 Vol. 42 –T11, No.6, pp. 579-588.
35.	Khadiranaikar R.B. and Chidanand S. H. "Flexural behaviour of concrete beams reinforced with GFRP Rebars", International Journal of advance research, ideas and innovations in technology (IJARIIT), Sept-Oct -2017, Vol -3, Issue-5, pp. 119-128.
36.	Khadiranaikar, R.B A.A. Momin, "Mix Proportioning of High-Performance Concrete using Fly Ash and Silica Fume", International Journal of Technical Innovation in Modern Engineering and Science ISSN No 2455-2585 Vol-4, No.11. November 2018, pp.211-220
37.	Khadiranaikar, R.B Aslam Hutagi, "Factors Affecting Properties of High Strength Geopolymer Concrete Cured at Ambient Temperature", International Journal of Microstructure and Materials Properties (IJMMP). Vol-13, No.5.2018, pp.277-285
38.	Khadiranaikar, R.B A.A. Momin, "Finite Element Analysis of 60MPa High-Performance Concrete Beam under Flexure", Journal of Applied Science and Computation ISSN No 1076-513 Vol-5, No.12. December 2018, pp.22-31
39.	Khadiranaikar R.B., and Shankar H. Sanni, "Elastic Constants of Geopolymer Concrete," Indian Concrete Institute Chennai, October-December 2018, pp.7-15.
40.	Khadiranaikar, R.B Aslam Hutagi, "Stress-Strain Characteristics of Geopolymer Concrete." Journal of Applied Science and Computation ISSN No 1076-513 Vol-5, No.12. December 2018, pp.68-72
41.	Khadiranaikar, R.B Aslam Hutagi, Aijaz Ahmad Zende, "Behaviour of Geopolymer concrete under Cyclic loading", Journal of Construction and Building Materials (Elsevier), Volume 246, June 26, 2020.

Conferences

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No	Paper
1.	A study on Cement Superplasticizer Compatibility presented in National Seminar on role of building chemicals in construction industry, 18 -19 July, 1997 held at MNREC Allahabad.
2.	Khadiranaikar, R.B. , Sinha, S.N. and “Development of 100 MPa HPC” presented in the National Seminar on advances in concrete technology 2000 held at TIET Patiala, 21-23 Sept, 2000
3.	Khadiranaikar, R.B., Potdar, A.M., Production of HPC using binary mineral additives presented at the International Conference on concrete technology, INCONTEST 10-12 September 2003 held at KCT Coimbatore.
4.	Khadiranaikar, R.B., Potdar, A.M., Production “WLC Analysis of Concrete Vs. bituminous overlays – case study of Indore City,” presented at International Conference on Concrete Technology, INCONTEST, 10-12 September 2003 held at KCT Coimbatore.
5.	Khadiranaikar, R.B., Potdar, A.M., Production Role of whole life cost analysis in highway pavements, presented at the 2nd International Conference on Advances in materials and Mechanics of Concrete Structure, 12-13 August 2005, Chennai.
6.	Khadiranaikar, R.B., Potdar, A.M., Production Perspective of WLC Analysis in Development of Road Infrastructure Projects, presented in National Seminar on High Speed Corridor Road Projects 23-24 September 2005 New Delhi.
7.	Khadiranaikar, R.B., Awati, M.M Stress-strain relation of High performance concrete- A review, Presented in National conference on Recent developments in concrete Technology, GCT, Coimbatore, 21-22 December, 2006.
8.	Khadiranaikar, R.B., Awati, M.M., Production Mechanical Properties of High Performance Concrete, Presented in Structural Engineering World Congress held on 2-6, November, 2007 at Bangalore, India.
9.	Khadiranaikar, R.B., Sanni, S.H., “Characteristics of Geopolymer concrete, Presented in National conference on Recent Trends and Advances in Civil Engineering- TRACE-2010.B.S.Abdur Rahaman University, Chennai, April 21-22,pp 178-179.
10.	Khadiranaikar, R.B., Sanni, S.H “A Study on Geopolymer concrete, Presented in 26 th Indian Engineering Congress, 15-18 December 2011, Bangalore Palace, Bangalore.
11.	Khadiranaikar, R.B., Sanni, S.H “Short Term Durability Properties of Geopolymer concrete”, International conference on Recent Technologies, i-CORT 2012, 9-11 Feb 2012. Institute of Knowledge-College of Engineering, Shirkapura, Pune, pp. C1-C8.
12.	Khadiranaikar, R.B. Giradhari, “Durability of High Performance Concrete containing RHA using Rapid Chloride Penetration Test”. International conference on Sustainability Challenges and Advances in Concrete Technology-SCACT-2012, May 2-4,2012, PSG College of Technology, Coimbatore.

13.	Khadiranaikar, R.B and Sanni, S.H., “Effect of Molarity on Geopolymer Concrete .,” Presented in International conference on Sustainability Challenges and Advances in Concrete Technology-SCACT-2012, pp203-208 May 2-4, 2012, PSG College of Technology, Coimbatore.
14.	Khadiranaikar, R.B, S. M. Murnal, “Mix proportioning and Microstructure of Study of Reactive Powder Concrete (RPC).” Presented in International conference on Sustainability Challenges and Advances in Concrete Technology-SCACT-2012, pp337-343 May 2-4, 2012, PSG College of Technology, Coimbatore.
15.	Khadiranaikar, R.B, Sanni, S.H., “Performance of Alkaline Solutions on Grades of Geopolymer Concrete”, Presented in International conference on Recent Innovations in Civil Engineering RICE-13, PDA College of Engineering, Gulbarga, Oct. 25-27, 2013. Pp.503-509.
16.	Khadiranaikar, R.B, S. M. Muranal “Behavior of High Performance Concrete under Repeated Compressive Loading”, UKIERI Concrete Congress Innovations in Concrete Construction , 5-8 March 2013 at Dr. B. R. Ambedkar, NIT, Jalndhar
17.	Khadiranaikr, R.B., and Sanni, S.H.,” Non-destructive tests on Geopolymer Concrete” National Conference on Futuristic of Concrete, School of Engineering, Karunya University, Coimbatore, July 20, 2013, pp.90-97.
18.	Khadiranaikar, R.B and Sanni, S.H., “Flexural Behaviour of Reinforced Geopolymer Concrete Beams.” Presented in International conference on Emerging Trends in Civil Engineering, VNR Vignan Jyoti College of Engineering & Technology, Hyderabad, Jan. 6-8, 2014, pp.203-208.
19.	Khadiranaikar, R.B, Sanni, S.H., “Performance of self-compacting concrete incorporating fly ash” IOSR Journal of Mechanical and Civil Engineering(IOSR-JMCE), e-ISSN: 2278-1684, p-ISSN: 2320-334X, pp-33-37
20.	Khadiranaikar, R. B, A. A. Momin, Vakeel S. Jagirdar and A. A. Inamdar, “Study on Light Transmittance of Concrete Using Optical Fibers and Glass rods” Presented in International conference on Advances in Engineering & Technology-2014 (ICAET-2014) organized by IOSR Journal of Mechanical and Civil Engineering(IOSR-JMCE), e-ISSN: 2278-1684, p-ISSN: 2320-334X, PP67-72
21.	Khadiranaikar, R.B A.A. Momin, Mr. Siddarooda T., Nagaraj. K, “Plastic Floor Tiles”, Proceedings of International Multi Conference on Innovations in Engineering and Technology- 2014 (IMCIET-2014), August 21st-23rd, 2014, Bangalore, published by Elsevier. Organized by Vijaya Vittala Institute of Technology and Society of Information Processing (SIP). ISBN: 978-93-5107-268-3, pp-282-289.
22.	Khadiranaikar, R.B, A.A. Momin, “Properties of High Performance Concrete- A State of Art”, Proceedings of International Multi Conference on Innovations in Engineering and Technology- 2014 (IMCIET-2014), August 21st-23rd, 2014, Bangalore, published by Elsevier. Organized by Vijaya Vittala

	Institute of Technology and Society of Information Processing (SIP). ISBN: 978-93-5107-268-3, pp-202-212.
23.	Khadiranaikar, R.B Aijaz Zende “An Overview of the properties of self-Compacting concrete” International conference on Advances in Engineering & Technology-2014. published by IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X PP 35-43
24.	Khadiranaikar, R.B, Aslam Hutagi, “Review on mechanical properties of Geopolymer Concrete and its durability” Presented in International Conference on Recent Advances in Engineering Sciences ICRAES 2014 organized by Journal of Civil Engineering Technology and Research Volume 2, Number 1 (2014), pp.7-14
25.	Khadiranaikar, R.B Aslam Hutagi, Reshma Shembale “A Study on Fiber Reinforced Geopolymer Concrete” Presented in International Conference on Recent Advances in Engineering Sciences ICRAES 2014 organized by Journal of Civil Engineering Technology and Research Volume 2, Number 1 (2014), pp.15-22
26.	Khadiranaikar, R.B Aslam Hutagi, “Experimental Investigation on Toughness Characteristics of Fiber Reinforced Geopolymer Concrete” International Conference on Sustainable Energy and Built Environment, 12-13 March 2015 at VIT, Vellore
27.	Khadiranaikar, R.B Aslam Hutagi, Reshma Shembale ³ ” Experimental investigation on Fiber Reinforced Geopolymer Concrete” International Conference on Sustainable Energy and Built Environment, 12-13 March 2015. at VIT, Vellore
28.	Khadiranaikar, R.B Aslam Hutagi, “Comparative study on theoretical and experimental load carrying capacity of reinforced Geopolymer concrete beams” international conference on advances in civil infrastructures and developments of smart cities (ICACIDS-2K16) 27-28 February 2016. at RIT, Rajaramnagar, Islampur, Sangli.
29.	Khadiranaikar, R.B Aslam Hutagi, Grish Yavagal, “Service Load Ultimate Load and Moment of GPC Beam Concrete” National Conference on Emerging Trends in Engg and Technology, 25 Jan 2016 at Tontadarya college of Engineering, Gadag.
30.	Khadiranaikar, R.B, Aijaz Zende “Effect of steel fibers on self-compacting concrete” International conference on electrical, electronics and optimization techniques 3-4 March 2016. At DMI college of Engineering, Chennai. IEEE Conference Publications. PP-2240 – 2244
31.	Khadiranaikar, R.B Aslam Hutagi, “Flexural behavior of reinforced Geopolymer concrete beams” International conference on electrical, electronics and optimization techniques. 3-4 March 2016. At DMI college of Engineering, Chennai. IEEE Conference Publications. PP-3463 – 3467.
32.	Khadiranaikar, R.B, Aijaz Zende “Experimental investigation of high strength self-compacting fibre reinforced concrete” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol. 25,

	Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer. Pp. 345-356
33.	Khadiranaikar, R.B.A.A. Momin, “Experimental and Finite Element Analysis of 80MPa Two-span High-Performance Concrete Beam under Flexure” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal, 19-June2018 A book Chapter on published in Vol. 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.pp381-392
34.	Khadiranaikar, R.B, S. M. Muralan “Aggregate size and void content effect on the characteristics of pervious concrete” International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.
35.	Khadiranaikar, R.B Aslam Hutagi, “The Effects of GGBFS on Strength Properties of Geopolymer Concrete Cured at Ambient Temperature”, International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.369-378
36.	Khadiranaikar, R.B., Abbas Ali Dhundasi “Effect of Curing Conditions on Mechanical Properties of Reactive Powder Concrete with Different Dosage of Quartz Powder”, International Conference on Sustainable Construction and Building Materials National Institute of Technology Karnataka, Surathkal 19-June2018 A book Chapter on published in Vol. 25, Chapter-34, ISSN- 978-981-13-3316-3. Publisher- Springer.
37.	Khadiranaikar, R.B., A.A. Momin, “Elastic properties of High-Performance Concrete Beam under Flexure” 33 rd Indian Engineering Congress, The Institution of Engineer (India) Udaipur,2018
38.	Khadiranaikar, R.B, Aijaz Zende “Some Major Properties of High Strength Self-Compacting Fibre Reinforced Concrete” 33 rd Indian Engineering Congress, The Institution of Engineer (India) Udaipur, 2018

Invited Talks

Sl.No.	Topic of Lecture	Organization	Date
1.	Cement Consumer Point of View	Bagalkot Udyog Limited, Bagalkot	Dec, 1995
2.	High Performance Concrete	IIT Delhi	Dec, 1999
3.	How to make good concrete`	BEC Bagalkot	Nov, 1996
4.	What after Graduation	BEC Bagalkot	Nov, 2002
5.	Maintenance of Concrete	CWC Almatti	July,

	Structures		2003
6.	Introduction to High Performance Concrete	B.L.D.E.S Engg. College, Bijapur	Mar, 2006
7.	Lecture on HPC	Maratha Mandal Polytechnic, Belgaum	June 2006
8.	My Career options	BEC Bagalkot	July 2014
9.	My Career options	B.L.D.E.S Engg. College, Bijapur	Aug 2015
10.	Advances in Construction Technology	B.L.D.E.S Engg. College, Bijapur	Feb 2016
11.	Civil Engineering Problems – Case History	MIT, Pune	Sept 2016
12.	Future Opportunities	BEC Bagalkot	Sept 2016
13.	Lectures in many CEPs	BEC Bagalkot	Since 1997 to till date

Events Organized

- : Conducted short term training programmes for practicing Civil engineers on concrete quality control, mix design, durability aspects and design of reinforced concrete structures.

Conferences/ Symposiums/ Workshops/ Training Programs Attended

Sl.No.	Title	Institute	Period
1.	Treatment of Industrial Wastes	CIT Coimbatore	14-26 December, 1987
2.	Construction Failure	CEPT Ahmedabad	06-17 December, 1988
3.	Efficient Design of Multistoried Buildings	UOR Roorkee	19.6.1989 to 01.07.1989
4.	Writing for Distance Learning,	TTTI Bhopal	25.11.1991 to 07.12.1991
5.	Design and Construction of Structural Masonry	IIT Madras	12-17 December, 1994
6.	Intelligent Architecture and Building Automation Systems	SAP Madras	12-23 June, 1995
7.	Induction Training Programme	KUD Dharwad	03-23 July, 1996
8.	Quality Assurance in Engineering Education	REC Surathkal	14-19 July, 1997
9.	Non-linear Finite Element Analysis	IISc. Bangalore	17-22 November, 1997
10.	Solar Architecture	IIT Delhi	10-24 May, 1999

11.	Instrumentation, Measurement and Analysis	IIT Delhi	03-13 July, 2000
12.	Net Surfing and Office Automation	IIT Delhi	08-12 May,2001
13.	Seismic Resistant Design of Concrete Structures	IISc. Bangalore	17-21 January, 2005
14.	Structural Steel Design	GIT Belgaum	July, 2005
15.	India - Australia Workshop on Cold Formed Steel Structures	I.I.T., Madras, Chennai	19-20 Jan. 2006
16.	Applied Mathematics	B.E.C., Bagalkot	April 3- 8,2006
17.	Recent trends in applications of Finite Element Analysis	B.E.C., Bagalkot	March 6- 11,2006
18.	Vision- R & D	B.E.C., Bagalkot	March 20- 25, 2006
19.	Modern Concrete Construction Processes	IIT, Delhi	24-29, June 2006
20.	Learning to Lead Adaptively	S.I.T., Tumkur	June 5-6, 2007
21.	Recent Developments in Concrete Technology	IINSTRUCT, Bangalore	13-14 July 2007
22.	Structural Engineering World Congress	Forum of Consulting Engrs.	2-7, Nov 2007
23.	Interpersonal skills, assertiveness, positive attitude, personal and professional ethics	ISQT & SDM Dharwar	28-29, March 2008
24.	Design of Earthquake Resistant Structures	BEC., Bagalkot	26-30, May2008
25.	Training needs analysis and impact evaluation	ESC Hyderabad	23-27 March 2009
26.	Finite Element Applications in Civil Engineering	IIT, Mumbai	16-20 Aug.2011
27.	Outcome Based Accreditation Process and Parameters	NBA, Delhi and NIITE	25 th .Nov., 2012
28.	Effective Leadership for Excellence for Competency Enhancement	B.E.C., Bagalkot& I.A.	8& 9, Feb. 2014
29.	Radiation Shielding Design and Analysis	INA and BAARC, Mumbai	10-8-2015 to 14-8-2015
30.	Achieving Academic Excellence	IIM Raipur	12-10-2015 to17-10- 2015
31.	Advances in Structural Engineering	IIT Roorkee	20-02-2017 to24-02- 2017

32.	Two days National workshop on National Building Code of India 2016 and Revised seismic Codes	Indian Concrete Institute Goa Chapter	27-28 April 2018
33.	GIAN course on Concrete: Microstructural Characterization	NITK Surathkal Mangalore	18-22 June 2018

Awards and Honors

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Sl.No.	Award
1.	Awarded : Roorkee University Gold Medal for securing First Rank in M.E. Examinations 1991.
2.	Received “Best Technical Paper” award for the paper entitled, “Effect of curing conditions on mechanical properties of reactive powder concrete with different dosage of quartz powder”, presented at International Conference on Sustainable Construction and Building Materials, National Institute of Technology Karnataka, Surathkal 2018.

Membership of Scientific and Professional bodies

:

1. Life Member ISTE LM : 6560
2. Fellow Institute of Engineers No.: F.110119/2
3. Chartered Civil Engineer
4. Member of Indian Building congress, Delhi. ML - 6893
5. Indian Society of Structural Engineers (ISSE) : 1651
6. Indian Concrete Institute: 12304 (HD).