

	Name	Dr. Pradeep Babanrao Kodag		
	Designation	Associate Professor		

Qualification	B.E.(Civil), M.E.(Structures), Ph. D. (Civil)			
Email ID	pbkodag@bvucoep.edu.in			
Experience in Years	Teaching :	17 years	Industry :	2.5 years

Research				
Publications	International Journal (s):	9	National Journals (s) :	Nil
	International Conference (s):	4	National Conference:	5
Publication Details	<ol style="list-style-type: none"> 1. Kodag Pradeep B., Gaurang R. Vesmawala, "Effect of aspect ratio for FRP wrapped biaxially loaded circular columns" Journal of Structural Engineering (ISSN: 0970-0137), Volume 45, No. 5, December 2018 - January 2019 pp. 432-443. 2. Rohan R. Shelke, Kodag P. B., Mahesh J. Mohite, "Design and Cost Comparison for Single Stack and Two Pipe System for Domestic Drainage using New Techniques", International Journal for Science and Advanced Research in Technology (ISSN Online: 2395-1052), Volume 4, Issue 7, July 2018 pp. 612-614. 3. Vesmawala G. R., Kodag P. B., "Investigation of GFRP strengthened RC non-slender columns under eccentric loading", Građevinar, (ISSN Online: 1333-9095), Volume 69, No. 09, 2017 pp. 831-840 DOI: https://doi.org/10.14256/JCE.1591.2016. 4. Kodag P. B., Noorullah Ahmadi, "Plastic Hinge Replacement and Enhancing the Load Carrying Capacity of the RC Joints using CFRP", International Journal of Engineering Sciences & Research Technology (IJESRT) (ISSN: 2277-9655), Volume 06, Issue 10, October 2017 pp. 9-25. 5. Kodag P. B., Mr. Shantanu Bhide, Ms. Darshana Shinde, Mr. Jayesh Darshane, Mr. Yashraj Desai, Mr. Prathmesh Deshmukh, Mr. Sudhanshu Dhokale, "Effect of Sugarcane Molasses on Compressive Strength and Workability of Fly Ash Mixed Concrete", International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET) (Print ISSN: 2395-1990 Online ISSN : 2394-4099), Volume 03, Issue 03, May-June 2017 pp. 607-612. 6. Kodag P. B., Saif Fallah Hassan, "Experimental Behavior of Fly Ash Mixed Ferrocement Concrete Panels", International Journal for Scientific Research & Development (IJSRD) (ISSN (online): 2321-0613), Volume 05, Issue 04, June 2017 pp. 712-718. 7. Kodag P. B., Vishal Madane, Aakash Kumar, Abhishek Mali, Ojas Mahajan & Md. Tanzil Alam, "To Study Compressive Strength and Permeability of Pervious Concrete by Varying Mix Proportions", Imperial Journal of Interdisciplinary Research (IJIR)(ISSN Online 2454-1362), Volume 2, Issue 7, June 2016, pp. 1674- 			

	<p>1676 published by Finlogy Publication.</p> <p>8. Dande Prashik S, Kodag P. B., "Influence of Provision of Soft Storey in RC frame Building for Earthquake Resistance Design", International Journal of Engineering Research and Applications (IJERA ISSN : 2248-9622), Volume 3, Issue 2, March-April 2013, pp.461-468.</p> <p>9. M. D. Kevadkar, P. B. Kodag, "Lateral Load Analysis of R.C.C. Building", International Journal of Modern Engineering Research (IJMER ISSN: 2249-6645 www.ijmer.com) Volume 3, Issue 3, May-June. 2013 pp-1428-1434.</p>
Patent Published	Nil
Books Published	<p>1. Kodag P. B. and Vesmawala G. R., "Effect of Wrap Thickness and Ply Orientation on Cracking and Failure of FRP-Wrapped Columns", Advances In Structural Integrity, © Springer Nature Singapore Pte Ltd. Chapter 19, pp. 215-224, 2017-2018, R. Prakash et al. (eds.), Book ID: 450271_1_En, Book ISBN: 978-981-10-7196-6, DOI: https://doi.org/10.1007/978-981-10-7197-3_19.</p>

<p>STTPs/ Conference /WorkShop/ Seminar attended</p>	<p>STTPs:</p> <ol style="list-style-type: none"> 1. One week Webinar Series on 'BRIDGE ENGINEERING', of Dr. V. K. Raina, Sponsored by 'All India Council of Technical Education,' New Delhi, Under "Distinguished Chair Professor Scheme", 5-9 July, 2021, organized by Walchand Institute of Technology, Solapur. 2. One week ISTE Approved Online STTP on "Structural Health Monitoring & Retrofitting Rehabilitation of Structures" 10-15 May, 2021, organized by Department of Civil Engineering, P. R. Pote College of Engineering & Management, Amravati. 3. One week Orientation/Refresher Program on "Advanced Surveying Instruments and Technique" under All India Council for Technical Education (AICTE-ISTE), 24 February-02 March, 2021, organized by AISSMS's Polytechnic College, Pune, Maharashtra. 4. One week Virtual Short Term Training Program on "Advances in Earthquake Resistant Design of Structures (AERDS-2021)" under Technical Education Quality Improvement Program (TEQIP-III), 18-22 January, 2021, organized by Structural Engineering Division, Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat. 5. One week Online Faculty Development Program on "Advances in Civil and Structural Engineering" sponsored by Technical Education Quality Improvement Programme (TEQIP Phase III)", 15-19 June, 2020, jointly organized by Government College of Engineering, Karad and Government College of Engineering, Nagpur. 6. One week Online Faculty Development Program on "Recent Advances in Civil Engineering sponsored by Technical Education Quality Improvement Programme (TEQIP Phase III)", 02 to 07 June, 2020, organized by Civil & Environmental Engineering Department, VJTI Mumbai under twinning activity with Civil Engineering Department, Engineering College Ajmer, Rajasthan. 7. One week Online Faculty Development Program on "Outcome Based Education: A step Towards Excellence" under margdarshan scheme of All India Council for Technical Education (AICTE), New Delhi , 11-15 May, 2020, organized by Government College of Engineering, Karad. 8. One week Online Faculty Development Program on "LaTex Programming in association with Spoken Tutorial IIT Bombay", 27 April- 01 May, 2020, organized by Department of Information Technology, SCOE, Pune. 9. One week Faculty Development Program on "Recent Advances in Structural Engineering (RASE-2019)" sponsored by All India Council for Technical Education (AICTE-ATAL), 18-22 November, 2019, organized by Department of Applied Mechanics, SVNIT, Surat. 10. Two days Short Course on "The Finite-Element Method sponsored by Technical Education Quality Improvement Programme (TEQIP Phase III)", 12-13 July, 2019, organized by Structural Engineering Department, Veermata Jijabai Technological Institute(VJTI), Matunga. 11. One week Workshop on "INDUSTRIAL CIVIL AND STRUCTURAL DESIGN LEVERAGING SOFTWARE (TEKLA) sponsored by All India Council for Technical Education (AICTE)", 27 May-1 June, 2019, organized by Department
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of Civil Engineering, College of Engineering, Pune.

12. Two weeks Faculty Development Program on "PRESENT SCENARIO OF TREATMENT OF WASTE IN INDIA: CHALLENGES, ISSUES AND NEW TECHNIQUES OF TREATMENT sponsored by All India Council for Technical Education (AICTE)", 13-25 November, 2017, organized by Department of Civil Engineering, SRES's Sanjivani College of Engineering, Kopargaon.
13. Two weeks Short Term Training Program on "ADVANCED RESEARCH THRUST AREAS IN ENGINEERING & SCIENCE (ARTAES-2015) approved by Indian Society for Technical Education sponsored by Technical Education Quality Improvement Programme (TEQIP Phase II)", 21-30 November, 2015, organized by Civil Engineering Department Government College of Engineering, Karad.
14. One week Short Term Training Program on "Fractional Calculus, Integral transforms, Special Functions and their Computations in Engineering and Sciences (FCITSFTCES-2015) sponsored by Technical Education Quality Improvement Programme (TEQIP Phase II)", September 30 - October 04, 2015, organized by Applied Mathematics & Humanities Department SVNIT, Surat.
15. One week Short Term Training Program on "Probabilistic Seismic Hazard Assessment and Structural Design", 5-9th June 2006, organized by Department of Civil Engineering, IIT, Guwahati.
16. One week Short Term Training Program on "Staad.Pro-2005", 14-21th August 2006, organized by TKIET, Warananagar.
17. Two weeks Short Term Training Program on "Staff Development", 26th November to 08 December 2007, National Institute of Technical Teachers Training and Research, Bhopal, Extension Center, Pune.

Workshops:

18. "The Ambuja Concrete Mix Design Workshop", 21st -22nd August, 2015, SCOE, Vadgaon (Bk), Pune.
19. Webinar for one week Workshop on "Research and Practices in Civil Engineering (RPCE-2020)", from 3rd-7th August, 2020, organized by Department of Civil Engineering, Indira Gandhi Institute of Technology Sarang Dhenkanal, Odisha.
20. Online three days workshop on "Online Content Delivery for B. E. Civil (2015 Pat.)", from 14th to 16th July, 2020, organized by AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engg, SPPU, Subject: Structural Design and Drawing III.
21. Online One Week "Syllabus Orientation Workshop for S.E. Civil (2019 Pat.)", from 22nd to 26th June, 2020 (26/06/2020), organized by STES'S Sinhgad College of Engineering, Pune -411041 in association with Board of Studies, Civil Engg, SPPU, Subject: Mechanics of Structures.
22. ISTE approved one day workshop on "Overview of LEAN Construction Efficiency Improvement Program", 31st January, 2020, Department of Civil Engineering, SCOE, Vadgaon, Pune.
23. "Train The Trainer", Structural Design II, 13th -15th December, 2017, SCOE, Vadgaon, Pune.

24. "Train The Trainer", Structural Analysis I, 11th -13th December, 2017, SCOE, Vadgaon, Pune.
25. "Train The Trainer", Strength of Material, 5th -10th June, 2017, STES Narhe, Pune.
26. "One day workshop on Intellectual Property Rights", 27th December, 2016, SKNCOE, Pune.
27. "One day workshop on Revision of SE Civil Engineering Syllabus-CBCS-2015 Pattern", 4th April 2016, VIIT, Pune.
28. "Train The Trainer", Strength of Material, 10th June, 2016, STES Narhe, Pune.
29. "Teachers Advancement Program- Level 1 & 2 (Wren & Pecker)", 28th - 30th October, 2013, STES, Pune.
30. "National Workshop on Design of Steel Structures using Revised IS 800-2007", 30th June-4th July 2009, SCOE, Pune.
31. "National Workshop on Earthquake and Design of Earthquake Resistant Structure", 7th March 2009, PVPIT, Budhgaon, Sangli.
32. "Two Day workshop on Engineering Mechanics - Effective teaching Methodology", 8th - 9th January 2009, VIIT, Pune.
33. "One day workshop on Website Awareness 09", 2nd January 2009, SCOE, Pune.
34. "One day workshop on IS-800:2007- General Construction in Steel- Code of Practice", 30th August 2008, Epicons, Mumbai.
35. "One day workshop on Provisions in IS-456 (Revised 2000) and its Implications", RSCOE, Pune.
36. "Three days Continuing Programme on Self Learning and Multimedia Aids using Flash", 11-13th January 2007, SCOE, Pune.
37. "Two days Induction Training Programme on Educational Technology", 4-5th February 2006, TKIET, Warananagar.
38. "Two days Good Concrete Construction Practices", 23-24th February 2001, RIT, Rajaramnagar, Sakharale, Sangli.

Conferences:

39. "Conference on Smarter Cities - India 2015: Smarter Solutions for a Better Tomorrow (SCI - 2015)", 8th -9th June, 2015, SCOE, Vadgaon (Bk), Pune.
40. "ePGCON 2015", 24th -25th April 2015, MIT, Kothrud, Pune.
41. "Regional Research Conference, Innovation-2013", 18th April, 2013, JSPM's RSCOE, Tathawade, Pune.
42. "National Symposium on Pre Engineered Buildings", 25-26th July 2009, Pune University, SCOE, Pune.
43. "Avishkar 2008, Zonal Research Project Competition for UG/PG/Doctoral Students", 23-24th September 2008, SCOE, Pune.
44. "National Symposium on Diagnosis and Evaluation of Concrete Structures using Non-Destructive Techniques", 25-26th February 2004, PIET, Shivajinagar, Pune.

Projects/Achievements	<ol style="list-style-type: none"> 1. BCUD (2016-18) funded project entitled "Behavior of concrete columns confined with fiber composites loaded eccentrically" Reference: O.S.D./B.C.U.D./220 dated 06/05/2016. Amount Sanctioned: Rs. 1, 30, 000/- 2. BCUD (2011-13) funded project entitled "Behavior of concrete column confined with FRP composites" Reference: BCUD/OSD/512, Dated: 15/02/2011. Amount Sanctioned: Rs. 2, 00, 000/- 3. MPSC Exam-2004-05:- Selected as Assistant Engineer-II for Irrigation Department. 4. Registered patent on "Lightweight Concrete for Structural Applications" dated on 22nd March 2016 to Indian Patent office, Mumbai. Patent application No- 201621009888
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