

RESUME

Dr. Sachin Balasaheb Kadam

Office Address Department of Civil Engineering Walchand College of Engineering, Vishrambag, Sangli - 416415, Maharashtra, India. email: sachin.kadam@walchandsangli.ac.in ☎ 0233-2300714	Residential Address "Laxmi-Jyot" Near Khare Club House Dhamni Road, Limye Chowk Vishrambag, Sangli - 416415, Maharashtra, India. email: sachin.kadam1109@gmail.com ☎ 9423857987, 0233- 2304714	
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Date of Birth	1 th May 1976
Education	Ph.D. in Structural Earthquake Engineering <ul style="list-style-type: none">• Indian Institute of Technology Roorkee awarded in year 2014.• Thesis Title: "Performance based Seismic design and Retrofit of Masonry Buildings"
	M. E. in Civil (Structural) Engineering <ul style="list-style-type: none">• Awarded in June 2002• Shivaji University Kolhapur• Dissertation Topic: "Analysis of Shear wall with opening by Finite Element Method"• Percentage - 68.50
	Bachelor of Engineering in Civil Engineering <ul style="list-style-type: none">• Awarded in 1997• Shivaji University, Kolhapur• Percentage – 69.23
	Pre-University College (H.S.C.) <ul style="list-style-type: none">• Willingdon College, Sangli (Kolhapur board)• Percentage – 74.20
	S.S.C (X) <ul style="list-style-type: none">• Nandani High School Nandani (Pune Divisional Board)• Percentage – 83.00

Industrial Experience	Sr.	Designation	Employer	Duration	Project/ Division
	1	Jr. Engineer	L & T (ECC) Ltd.	3.00 years (15th August 1997 to 1st September 2000)	L & T – John Dhree Tractor Plant at Sanaswadi-Pune
	2	Structural Engineer	Reliance Industries Ltd	2 years (20th September 2002 to 1st October 2004)	Reliance Industries at Jamnagar.
Teaching Experience	In Department of Applied Mechanics, Walchand College of Engineering, Sangli,				
	No.	Designation	Period		
	1	Lecturer	18 October 04 to 31 Dec 05		
	2	Assistant Professor	1 Jan 06 to 18 October 2017		
	3	Associate Professor	18 October 2017(Institute CAS)		
	4	Professor	18 October 2017(Institute CAS)		
	5	Head of the Department	10 April 2024 till date		
Subjects Taught:	<p>At the undergraduate level:</p> <ul style="list-style-type: none"> • Structural Mechanics • Design of Concrete Structures • Prestressed Concrete • Engineering Mechanics • Earthquake Engineering <p>At the postgraduate level:</p> <ul style="list-style-type: none"> • Structural Dynamics and Earthquake Engineering • Advanced Earthquake Engineering 				
Administrative Experience	<ul style="list-style-type: none"> • Head of Applied Mechanics from 10 April 2024 till date • Registrar of the Institute from July 2020 to December 2023 • Member on BOS in Civil Engineering at Shivaji University from Jan 2023 • Chief Rector of Institute from Feb 2017 to July 2020 • Associate Dean Planning of Institute from Sept 2016 to Nov 2019 • Member of Purchase committee of Institute from October 2017. • General Maintenance in charge: 2 years Oct. 2008 to July. 2010 • Assistant Rector at WCE Hostel: From July 2005 to July 2010 				
Research Interests	<ul style="list-style-type: none"> • Structural Dynamics and Earthquake Engineering • Performance Based design of R.C. and Masonry Buildings • Seismic Evaluation and Retrofitting of Structures • Structural Fire Engineering • Finite Element Analysis for Composites • Nonlinear Material modeling • Structural Health Monitoring • Smart Materials 				

Ph. D. Research Guidance	Sr. No.	Roll No.	Admission Type	Name of Research Scholar	Name of Topic.	Status
	1	21170002	AICTE Doctoral Fellow (Shivaji University Kolhapur)	Digambar Balsaheb Patil	Computational Investigation of the Flood on a Reinforced Concrete Highway Bridge.	Awarded in May 25
	2	21211203	(Shivaji University Kolhapur)	Pooja Prakash Joshi	Seismic Performance Evaluation Of steel Plate-Concrete Composite Shear walls in building system	Ongoing
	3	21221234	(Shivaji University Kolhapur)	Athar Maksud Jamadar	Effect of Elevated Temperature on Collapse Performance of Steel-Concrete Composite structure	Ongoing
	4	21221236	(Shivaji University Kolhapur)	Sachin Subhash Pawar	Fragility Analysis of Building With and without EPS Core Sandwich Infill Wall Panel.	Ongoing
Student Guidance	<ul style="list-style-type: none"> Completed 64 Dissertation of M. Tech (Civil-Structural Engineering) 7 Students are working this year for their M. Tech Dissertation 					
Sponsored/Research Projects	<ul style="list-style-type: none"> DST-FIST proposal entitled “Servo Hydraulic Loading Frame System with Pseudo Dynamic Test Arrangement for grant of Rs. 1.03 Crore sanctioned on 5/3/2021 by the Department of Science and Technology New Delhi. Principal Investigator: - Dr. S. B. Kadam Worked as Principal Investigator on Research grant received for project ‘Rationalization of Live Load on Indian Road Bridges’ from MORTH Ref-RW/NH-34050/02/2017-S&R(B) costing Rs.5 Lack in Year 2017 Worked as External Principal Investigator on Research project ‘Study on Seismic Strengthening Technologies and Comparative Assessment of various Retrofit Techniques for URM School Buildings in India’ costing Rs.1.30 Crore from year 2013-2015. Worked as Research Student in project “Performance Based Design and Retrofitting of Masonry Buildings” during year 2012-13 of Ministry of Earth Science, New Delhi costing Rs.25.00 Lacks at IIT Roorkee. 					

Patents	<ul style="list-style-type: none"> • A Method of “Working of Vibration Isolation System Using Phononic Material in a Structure” Indian Utility patent granted on 10/12/2021, Application No: 202121001002, dated 08/01/2021 by Pradeep Borde, Dr. S. B. Kadam, Dr. S. N. Tande, Mr. S. D. Jagtap, Mr. V. P. Mohale • “Smart Egg Hatching Machine “Indian Design patent granted on the Date 10/09/2021 with Journal No 37/2021 by Mr V. P. Mohale, Mr. S. D. Jagtap, Dr. S. G .Tahmankar, Dr. S. B. Kadam, Dr. R. P. Hasbe • “Vibration Isolator “Australian Design patent granted on the Date 17/03/2022 with patent number 202114485 by Rahul Bamane, Dr. S. B. Kadam, Dr. S. N. Tande, Mr. S. D. Jagtap, Mr. V. P. Mohale, Mr. B. N. Naik and Dr. A. P. Patil • “A method to suppress vibration in Civil Engineering Structures using 3D Isolator” Australian Utility patent granted on 11/05/2022, with patent number 20211104588 by Rahul Bamane, Dr. S. B. Kadam, Dr. S. N. Tande, Mr. S. D. Jagtap, Mr. V. P. Mohale, Mr. B. N. Naik and Dr. A. P. Patil
Books	<ul style="list-style-type: none"> • Patane A. S. and Kadam S. B. "Seismic Performance of RC framed building Located on Hills-Dynamic Analysis” by LAP LAMBERT Academic Publishing, UK, London, Oct. 2021 ,ISBN:978-620-420687-5
Grants	<ul style="list-style-type: none"> • Dr. S. B. Kadam received International Travel Grant under UGC scheme for Paper Presentation at “15th World Conference on Earthquake Engineering, on 24-28th Sept 2012, Lisbon, Portugal” (Ref. No.: F. No. 6 – 482/2012 (TG), Date: 5th Aug 2014) • Dr. S. B. Kadam received International Travel Grant under UGC scheme for Paper Presentation at “10th Australasian Masonry Conference at Sydney during 10-14th Feb 2018 organized by University of New Castle Australia,” (Ref. No.: F. No. 6 – 311/2018 (TG), Date: 21th June 2018)
Research Publications	<ul style="list-style-type: none"> • International Journal – 17, International Conference – 18 • National Journal – 01, National Conference - 06
Testing & Consultancy Projects	<ul style="list-style-type: none"> • For Year 2022-2023- 90 Lakhs • For Year 2023-2024- 98 Lakhs • For Year 2024-2025- 1.3 Cr
<p>INTERNATIONAL / NATIONAL JOURNAL PUBLICATIONS -: Google Scholar Link- https://scholar.google.com/citations?user=zYSTyvcAAAAJ</p> <ol style="list-style-type: none"> 1. K Jagdale, P Kumbhar, S Kadam (2025)” Investigations on non-linear behavior of castellated steel beams with circular, hexagonal and diamond-shaped openings using CFRP stiffeners” Asian Journal of Civil Engineering, 2025 https://doi.org/10.1007/s42107-025-01421-9 2. Digambar Patil, and Sachin Kadam (2024) “Assessment of damage levels in reinforced concrete bridge piers subjected to flooding using a deflection based damage index.” Innovative Infrastructure Solutions, 9(12), p.489. https://link.springer.com/article/10.1007/s41062-024-01799-6 3. Digambar Patil, and Sachin Kadam (2024) “Assessment of Hydrological Pressure on Concrete Bridge Piers Considering Fluid–Structure Interaction.” Journal of Performance of Constructed Facilities. 38(6), p.04024048. https://ascelibrary.org/doi/full/10.1061/JPCFEV.CFENG-4809 	

4. Digambar Patil, and **Sachin Kadam** (2023) "Assessment of water pressure on reinforced concrete highway bridge piers by univariate regression analysis approach" Journal of Building Pathology and Rehabilitation 9 (1), 21. <https://link.springer.com/article/10.1007/s41024-023-00373-4>
5. M Rokade, M Gaikwad, S Singh, **S. Kadam** (2022) "A simplified regression-based approach for concrete mechanical properties at elevated temperature" Asian Journal of Civil Engineering 23(7), 1065-1085. <https://link.springer.com/article/10.1007/s42107-022-00469-1>
6. Kartik Choudhari **Sachin Kadam** and Vijay Khose (2020) "Wind-Induced Fatigue Analysis of Diagrid Structural System for High Rise Steel Buildings" Journal of Structural Engineering (JOSE), SERC Paper No. 93 Vol. 47, No. 2, July 2020, <https://serc.res.in/jose-contents>
7. **Kadam, S. B.** and Singh, Y. (2020) "Experimental Investigations on Masonry Buildings Strengthened using Ferro-Cement Overlay under Dynamic Loading". ISET Journal of Earthquake Technology Paper No. 548, Vol. 57, No. 1, March 2020, pp. 1-16. https://iset.org.in/public/publications/14221_Paper%20No.%20548-Final.pdf
8. **Kadam, S. B.**, Singh, Y. & Bing, L.(2020) "Seismic fragility reduction of an unreinforced masonry school building through retrofit using ferrocement overlay". Earthquake Engineering Engineering Vibration 19, 397–412 (2020). <https://doi.org/10.1007/s11803-020-0569>
9. Ghule Akash and **Sachin Kadam** (2018) "Effect of Substructure on Seismic Performance of Bridges" International journal of Advance Research in Science and Engineering, volume No 7, Special issue No 3, April 2018, ISSN:2319-8354
10. Chirag P. Chaudhari and **Sachin Kadam** (2016) "Seismic Analysis of Self Supporting Telecommunication Tower" Journal of Civil Engineering and Environmental Technology ISSN: 2349-8404; e-ISSN: 2349-879X; Volume 3, Issue 6; April-June, 2016, pp. 549-552.
11. Shashikant G. Kothalkar and **Sachin Kadam** (2016) "Seismic Vulnerability Assessment of an Existing Railway Bridge" Journal of Civil Engineering and Environmental Technology ISSN: 2349-8404; e-ISSN: 2349-879X; Volume 3, Issue 6; April-June, 2016, pp. 553-557.
12. Aneket T.Patil and **Sachin Kadam** (2016) "Behaviour of Multistoried Building under effect of Wind and Earthquake" Journal of Civil Engineering and Environmental Technology ISSN: 2349-8404; e-ISSN: 2349-879X; Volume 3, Issue 6; April-June, 2016, pp. 558-563.
13. Priya S. Kadam and **Sachin Kadam** (2016) "Influence of Tapered staging on seismic performance of Elevated Water Tank" Journal of Civil Engineering and Environmental Technology ISSN: 2349-8404; e-ISSN: 2349-879X; Volume 3, Issue 6; April-June, 2016, pp. 564-569.
14. Atul Patne and **Sachin Kadam** (2015) "Effect of Horizontal Irregularity on Seismic Behaviour of Building" International Journal of Engineering Sciences and Research Technology", Volume 4, Issue 10,446-450 October 2015.
15. A.U.Salunkhe, **S. B. Kadam**,& S. N. Tande (2015)"Behaviour of RCC in-filled buildings with different configurations of plan under seismic force. "International journal of Innovations in Engineering and Technology (IJIET), Volume 5, Issue 2, April 2015.
16. Sandesh N. Suryawanshi, **S. B. Kadam**,& S. N. Tande (2014)"Torsional Behaviour of Asymmetrical Buildings in Plan under Seismic Forces" International Journal of Emerging Engineering Research and Technology" Volume 2, Issue 4, July 2014, PP 248-254, ISSN 2349-4395 (Print) & ISSN 2349-4409 (Online)
17. Amit A. Kusnale, **S. B. Kadam**,& S. N. Tande (2014)" Analysis and Design of R.C. Deep Beam by Finite Element Method" International Journal of Emerging Engineering Research and Technology" Volume 2, Issue 4, July 2014, PP 238-241, ISSN 2349-4395 (Print) & ISSN 2349-4409 (Online)
18. **Kadam,S.B.**,Singh,Y.,&Li,B.(2013)."Strengthening of unreinforced masonry using welded wire mesh and micro-concrete-Behaviour under in-plane action". Construction and Building Materials,54(0),247-257.doi <http://dx.doi.org/10.1016/j.conbuildmat.2013.12.033>
19. **Kadam Sachin. B.** Singh Y and Bing Li., (2014) " Out-of-plane behaviour of unreinforced masonry strengthened using Ferrocement Overlay" Materials and Structures",1-17 (Springer, Netherland), DOI [10.1617/s11527-014-0390-8](https://doi.org/10.1617/s11527-014-0390-8)

1. Digambar Patil and **Sachin Kadam**. (2024) "Investigating the Impact of Water Pressure on Bridge Pillars Made with Reinforced Concrete Using Univariate Regression Analysis." (Book Chapter) Emerging Trends in Civil Engineering (ETCE'23), Walchand College of Engineering, Sangli.
2. Digambar Patil, Rushikesh Jadhav, Dhanashree Gajankush, Prachi Sohoni, **Sachin Kadam** (2024) "Effective Location of Shear Wall in Torsionally Imbalanced Reinforced Concrete Tall Building under Lateral Loading" ICLTET Proceeding (**Scopus indexed**), Taylor and Francis CRC Press. <https://www.taylorfrancis.com/chapters/edit/10.1201/9781032665443-71/effective-location-shear-wall-torsionally-imbalanced-reinforced-concrete-tall-building-lateral-loading-digambar-patil-rushikesh-rushikesh-jadhav-dhanashree-gajankush-prachi-sohoni-sachin-kadam>
3. Digambar Patil, **Sachin Kadam**, Indraneel Khilare, Kunal Mali, Rohan Bawage, Ajinkya Ghule, Snehal Devkar (2024) "Evaluating the Performance of Reinforced Concrete Road Bridges: A Functional Analysis." ICLTET Proceeding (**Scopus indexed**), Taylor and Francis CRC Press. (**Best Paper Award**) <https://www.taylorfrancis.com/chapters/edit/10.1201/9781032665443-69/evaluating-performance-reinforced-concrete-road-bridges-functional-analysis-digambar-patil-sachin-kadam-indraneel-khilare-kunal-mali-rohan-bawage-ajinkya-ghule-snehal-devkar>
4. Digambar Patil and **Sachin Kadam**. (2023) "Flood Resilience Assessment of Reinforced Concrete Highway Bridges: A Computational Investigation." Engineering Research Transcripts (Book Chapter), Volume 6: 25-40. https://doi.org/10.55084/grinrev/ERT/978-81-964105-2-0_3
5. Digambar Patil and **Sachin Kadam**. (2023) "Basics of computational fluid dynamics: An overview" IOP Conference Series: Earth and Environmental Science" (**Scopus indexed**) Volume 1130, issue 1,p. 012042 <https://iopscience.iop.org/article/10.1088/1755-1315/1130/1/012042/meta>
6. SajidAhmad Almuddin Mulani, **Sachin B. Kadam**, and Mahadev S. Rokade (2024) "Construction Sequence Analysis: Empowering Fire Resistance in RC Buildings "at National Conference on Emerging Trends in Civil Engineering ETCE 2023 at Walchand College of Engineering Sangli on 28-29 Dec 23
7. Shital R. kamble, and **Sachin B. Kadam** (2024) "Tensegrity Foot Bridge – Novel Approach "at National Conference on Emerging Trends in Civil Engineering ETCE 2023 at Walchand College of Engineering Sangli on 28-29 Dec 23
8. Rohan R. Kumbhoje, SajidAhmad Mulani, **Sachin B. Kadam** and Mahadeo Rokade (2024)" Seismic Analysis of Fire-Exposed RC Structures by Capacity Spectrum Method" at National Conference on Emerging Trends in Civil Engineering ETCE 2023 at Walchand College of Engineering Sangli on 28-29 Dec 23
9. Pratiksha B. Yadav, and **Sachin B. Kadam** (2024) "Efficacy of Buckling Restrained Braces in Reinforced Concrete Frame "at National Conference on Emerging Trends in Civil Engineering ETCE 2023 at Walchand College of Engineering Sangli on 28-29 Dec 23
10. Rasam Siddhesh and **Kadam Sachin** (2023)" Dynamic response of Industrial Pipe rack module" International Conference on civil engineering and architecture for sustainable infrastructure development and environment on 19-21 April 2023 at Government Engineering College Thrissur,Kerla (CEASIDE 2023)<https://gectcr.ac.in/about-us/conferences/>
11. Estalkar Nikita and **Kadam Sachin** (2019) " Behaviour of Transmission Line Tower using Hot-Rolled Sections " International Conference on Emerging Trends in Engineering (ICETE) 22-23 March 2019 at University College of Engineering Osmania University, Hyderabad <https://www.icete2019.com>
12. Shinde Snehal and **Kadam Sachin** (2018) " Comparative Study of Reinforced Concrete and Post tensioned Flat Slab in Commercial Building under the Influence of Seismic Load ", Paper number 373 in Proc.16th Symposium of Earthquake Engineering,20-22 Dec 18 at IIT Roorkee. <https://www.iitr.ac.in/16see/>

13. Phadtare Sheetal and **Kadam Sachin** (2018) " Performance Based Analysis of Eccentrically Braced Steel frames with Horizontal Links" Proc. 3rd R.N. Raikar ACI Intl. Conference and 'Gettu – Kodur' International Symposium on 14th & 15th December 2018 at St. Regis Hotel, Mumbai –India. ISBN:987- 93-88237-30-7, Volume III ,Page No 63-70
14. **Kadam Sachin B.** Singh Y., and Li Bing (2018) " Shock Table Test on Masonry buildings strengthened using Welded Wire Mesh and Micro- Concrete ", Proc. 10th Australasian Masonry Conference at Sydney during 10-14th Feb 2018 organized by University of New Castle Australia, ISBN -978-0-7259-0018-2
15. **Kadam S. B.** and Choudhari C. (2017) "Seismic Performance of Self Supporting Telecommunication Tower" 3rd International Conference on "Advances in Steel, Power and Construction Technology" during March 22-23, 2017 at Hotel Hyatt, Raipur (CG), India, which is being organized by OP Jindal University, Raigarh (CG) in association with Association for Iron & Steel Technology (AIST) USA, and Jindal Steel and Power Limited, Raigarh, India.
16. **Kadam S. B.** and Bholebhavi R. (2017) " Seismic Response Reduction factor for Irregular Structure using Non Linear Analysis" 3rd International Conference on "Advances in Steel, Power and Construction Technology" during March 22-23, 2017 at Hotel Hyatt, Raipur (CG), India, which is being organized by OP Jindal University, Raigarh (CG) in association with Association for Iron & Steel Technology (AIST) USA, and Jindal Steel and Power Limited, Raigarh, India.
17. **Kadam Sachin.B.** Singh Y., and Li Bing (2014) "Behaviour of Masonry Strengthened Using Welded Wire Mesh and Micro- Concrete", Proc. 15th Symposium of Earthquake Engineering (SEE), 11-13 Dec 14 at IIT Roorkee <http://15see.org/15sse/tech-schedule-dec-11-13/>
18. Pawan D. Tikate, Paresh G. Mirgal, Atul S. Patne. & **Sachin. B Kadam.** (2014) "Seismic Retrofitting for Reinforced Concrete Structures" 2nd National Conference on Systems, Energy and Environment, 1-2nd Aug 2014, Government College of Engineering, Kannur-670563, Kerala. http://gcek.ac.in/ncsee/index.php?option=com_content&view=article&id=58&Itemid=82
19. **Kadam S.B.** and Singh Y., (2013) "Macro and Micro Modelling technique used for Seismic Design of Externally Strengthened Masonry", Proc. The National Conference on Recent Advances in Structural Engineering (RASE-2013), 13-15th Dec 2013, Division of Civil Engineering, School of Engineering, Cochin University of Science and Technology Kochi- 682 022, Kerala.
20. **Kadam S.B.** and Singh Y., (2012) "Mechanical Properties of External Strengthened Masonry", Proc. 15th World Conference on Earthquake Engineering, 24-28th Sept. 2012, Lisbon, Portugal. http://www.iitk.ac.in/nicee/wcee/article/WCEE2012_0895.pdf
21. **Kadam S.B.** and Singh Y., (2011) "Seismic Safety of school buildings in Uttarakhand", Proc. 6th Uttarakhand State Science & Technology Congress-2011(UCOST) held at Kumaun University, S.S.J. Campus, Almora during 14-16 November 2011
22. **Kadam S.B.** and Tande S. N., (2007) "Seismic Analysis and Design of Setback Building Frames Subjected to Torsion" Proc. National Conference on 'Emerging Technology and Developments in Civil Engineering', 22-23 March 2007, Govt. College of Engineering, Amravati.
23. **Kadam S.B.** and Khire M.Y., (2007) "Composite Materials - A Novel Approach" Proc. International Symposium on Advanced Materials and Processing 29-30 October 2007, Basaveshwar Engineering College, Bagalkot, Karnataka, India.
24. **Kadam S.B.** and Tande S.N., (2005) "Seismic Response of Shear Wall with Openings" Proc. International Conference on advances in Structural Dynamics and its Applications, 7-9 Dec. 2005 at GITAM Visakhapatnam, India.

Sr. No	Course	Place	Institute	Period
01	Effective Communication Skills	Sangli	Walchand College of Engineering, Sangli	10-05-2005 to 12-05-2005
02	Students evaluations system under autonomous status Oct 2005	Sangli	Walchand College of Engineering, Sangli	21-10-2005.
03	Proposed Revision of IS:800	Pune	Sinhgad College of Engineering,Pune	18-11-2005 to 19-11-2005
04	Two day work shop on “Effective Teaching Methodology” under TEQIP Networking Program.	Sangli	Walchand College of Engineering, Sangli	16-07-2006 to 17-07-2006
05	Two weeks course of AICTE-SDP On “ Base Isolation Techniques in Earthquake Resisting Design”	Karad	Govt. College of Engg. Karad.	27-11-2006 to 09-12-2006
06	Proposed Revision of IS:800	Pune	Sinhgad College of Engineering,Pune	18-11-2005 to 19-11-2005
07	Two day work shop on “Effective Teaching Methodology” under TEQIP Networking Program.	Sangli	Walchand College of Engineering, Sangli	16-07-2006 to 17-07-2006
08	Two weeks course of AICTE-SDP On “ Base Isolation Techniques in Earthquake Resisting Design”	Karad	Govt. College of Engg. Karad.	27-11-2006 to 09-12-2006
09	Two weeks course of AICTE-SDP On “ Effective Teaching Skills organized by N.I.T.T.R. Bhopal,Pune Local Center	Pune	NITTTT, Extension Centre, Pune.	26-11-2007 to 08-12-2007
10	STTP on Safety of ships & offshore structures	Madras	IIT Madras, Chennai	11 Dec 2007 to 21 Dec 2007
11	Opportunities in NRB-DRDO Research Projects	Sangli	Walchand College of Engineering, Sangli	02-11-2007
12	Finite Element Method & Application in Civil Engineering	Mumbai	IIT Bombay, Mumbai	17-11-2008 to 21-11-2008.
13	Modern Approaches for Earthquake Resistant Design of Structures	Jaysingpur	Dr.J. J. Magdum College of Engineering, Jaysingpur	22-12-2008 to 27-12-2008
14	Seismic Strengthening	Roorkee	IIT Roorkee -NTU Singapore	17-05-2010 to 21-05-2010
15	Finite Element Method, Constitutive Modeling and Applications	IIT Gandhinagar	IIT Gandhinagar	28-01-2013 to 01-02-2013
16	Structural Dynamics and Earthquake Engineering	Sangli	Walchand College of Engineering, Sangli	03-06-2013 to 15-06-2013
17	Geotechnical Earthquake Engineering	Roorkee	IIT Roorkee	02-06-2014 to 06-06-2014

18	Two Week ISTE-STTP Workshop on “Introduction to Structural Engineering” remotely conducted by IIT Kharagpur at remote centre WCE Sangli	Sangli	IIT Kharagpur/Walchand College of Engineering, Sangli	Online activity equivalent to one week from 30-11-2015 to 3-01-2016 and Physical participation at remote centre from 04-01-2016 to 09-01-2016
19	Two days workshop on Earthquake Resistant Design, IS 1893-Latest Revision 2016, IS 13920-Latest Revision 2016 and Issues related to shear wall design by EFC	Mumbai	VJTI Mumbai	03-06-2016 to 04-06-2016
20	Two Week GIAN course on “Advanced Prestressed Concrete Design for Modern Buildings and Bridges “	Hyderabad	Indian Institute of Technology Hyderabad.	12 Dec 2016 to 22 Dec 2016
21	One week STTP on “Finite Element Analysis in Geotechnical Engineering using Plaxis 2D”	Sangli	Walchand College of Engineering Sangli	20 Feb 2018-24 Feb 2018
22	“GIAN” Course on “Structural Health Monitoring by Full Field Measurement Techniques and Simulation Models”	Hamirpur	NIT Hamirpur	16-06-2018 to 22-06-2018
23	International Seminar on "Performance Based Design of Building and Bridges for Enhance Seismic Resilience "	New Delhi	Indian Association of Structural Engineering, PHD House New Delhi	08-11-2019 to 09-11-2019
24	Two Day Workshop on "Fire safety of Civil Engineering Infrastructure" at Department of Civil Engineering IIT Delhi	New Delhi	Department of Civil Engineering, IIT Delhi	05-12-2019 to 06-12-2019
25	One week E-Course on Vulnerability Atlas of India	Online	BMPTC-SPA(Ministry of housing and Urban affairs)	27-03-2020 to 31-03-2020
26	Two week Digital Transformation In Teaching Learning Process	Online	SWAYAM/IITB	04-06-2020 to 22-06-2020
27	Mechanics of Materials I: Fundamentals of Stress offered by Coursera – Georgia Tech University	Online	Coursera – Georgia Tech University	24-04-2020 to 15-05-2020
28	Mechanics of Materials III: Fundamentals of Stress offered by Coursera – Georgia Tech University	Online	Coursera – Georgia Tech University	30-05-2020 to 20-06-2020

29	Mechanics of Materials IV: Fundamentals of Stress offered by Coursera – Georgia Tech University	Online	Coursera –Georgia Tech University	21/06/2020 to 05/07/2020
30	“Repair and Rehabilitation of Masonry Structures”	Online	NITTR, Chandigarh	25/05/2021
31	Academic and Administrative audit work of Engineering Institute	Online	SVERI's, College of Engineering, Pandharpur.	07/01/2022
32	“Repair and Retrofitting of Bridges”	Online	NITTR, Chandigarh	11/02/2022
33	“Two days Nations Meet cum Workshop on Building Human Capital through Technical Education for PM Gati Shakti”	Bhopal	NITTR, Bhopal	18/05/2023 to 19/05/2023

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01	Earthquake Risk Management	Roorkee	NITTR Chandigarh	16-07-2012 to 20-07-2012
02	Seismic Strengthening for Buildings, for Nepalese Engineers	Kathmandu	NTU Singapore and NSET, Nepal	27-05-2013 to 31-05-2013
03	Structural Dynamics and Earthquake Engineering	Sangli	Walchand College of Engineering, Sangli	03-06-2013 to 15-06-2013
04	Seismic Strengthening of School Buildings	Pandharpur	SVRI, College of Engineering, Pandharpur.	23-06-2014 to 27-06-2014
05	Repair, Retrofitting and Strengthening of Building	Jaysingpur	Dr.J.J.Magdum college of Engineering Jaysingpur	07-12-2015 to 11-12-2015
06	Advanced construction Trends	Budhagaon	P.V.PI.T.Bhudhagaon	21-12-2015 to 26-12-2015
07	Advanced construction Techniques	Vijayapur	BLDE Vijayapur (Karnataka)	8-02-2016 to 12-02-2016
08	Session Chair at International Conference on “Advances in Civil Infrastructure and Developments of Smart Cities”	Islampur	RIT Rajaramnagar	27-02-16 to 28-02-16

09	1st National Conference and relevant national STTP on “Advances In Structural Health Monitoring, NDT, Audit And Strengthening Technologies in Civil and ,Aerospace structures”	Sangli	Walchand College of Engineering, Sangli	02-01-2017 to 07-01-2017
10	Resource Person at STTP on “Teaching Learning Practices in Structural Design And Drawing”	Pune	Zeal College of Engineering Pune	04-12-2017 to 08-12-2017
11	Resource Person at One week ISTE approved STTP on“ Structural Audit and Retrofitting of Civil Structures”	Ashta	ADCET Ashta	27-01-2018 to 31-01-2018
12	Resource Person at one week AICTE-ISTE program on “Advanced Structural Dynamic Analysis and Its Applications to Civil Engineering”	Pandharpur	SVERI Pandharpur	04-06-2018 to 09-06-2018
13	Delivered Session at GIAN programme on “Structural Health Monitoring by Full Field Measurement Techniques and Simulation Models”	Hamirpur	NIT Hamirpur	16-06-2018 to 22-06-2018
13	Worked as external expert team member for “Academic and Administrative Audit” of Civil Engineering Department	Pandharpur	SVERI Pandharpur	29-07-2018
14	Expert lecture on Seismic Behavior of masonry building and ductile detailing.	Sangli	PVPIT Budhgaon	19/10/2019

15	Expert Lecture FDP on Recent Advances in Civil Engineering Topic “Structural Assessment of Existing Railway Bridges under current and Hi-speed train Loading using SHM techniques	On line	VJTI Mumbai	02/06/2020
16	Video Lecture Series on Advanced earthquake engineering – Nonlinear Analysis. and Foundation Design.	On line	You Tube Channel Link https://www.youtube.com/channel/UCF2huWrvjohSyj1vfk8NVQ	
17	“Seismic Analysis of Multistoried RC Building using SAP2000 and ETAB”	On line	Walchand College of Engineering, Sangli	22/07/2020 to 26/07/2020
18	Delivered online expert lecture on “Repair and retrofitting of bridges”,	On line	NITTR Chandigarh	11 February 2022
19	Delivered online expert lecture on “Repair and retrofitting of bridges”,	On line	NITTR Chandigarh	16 June 2023
20	Delivered expert lecture on “Health Monitoring of BridgesAdvances in Civil Engineering” conducted by	Budhgaon	Civil Engineering Department, PVPIT, Budhgaon	22/07/2024 to 26/07/2024
21	Worked as External Examiner for M.Tech Dissertation work at	Karad	Govt.College of Engineering at Karad.	23/12/2024
22	Worked as BOS member in Civil Engineering at	Miraj	SBGI Miraj	30/12/2024
23	RRC Meeting at SUK, Kolhapur	Kolhapur	Shivaji University Kolhapur	31/12/2024

24	Chaired a session as the chief guest and delivered a talk on writing effective research proposals and research articles. The event was organized under the LEAD College Scheme of Shivaji University, Kolhapur, and the IIC by RIT, Rajaramnaga	Islampur	Rajarambapu Institute of Technology	08/02/2025
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ACHIEVEMENTS AND AWARDS:

- **Young Scientist** Award under the discipline of “Engineering science and Technology” by Utrakhand State Council for Science & Technology, Department of Science & Technology, Government of Utrakhand for oral presentation of paper entitled “Seismic Safety of School Buildings in Utrakhand” at 6th Utrakhand State Science & Technology Congress-2011 held at Kumaun University, S.S.J. Campus, Almora during 14-16 November 2011.

PERSONAL PROFILE:

Date of Birth	May 1, 1976
Gender	Male
Religion	Hindu Maratha.
Marital Status	Married.
Languages Known	English, Hindi, Marathi and Kanada.
Office Address	Professor and Head, Department of Applied Mechanics, Walchand college of Engineering, Vishrambag, Sangli- 416415.
Permanent Residential Address	“Laxmi-Jyot” Near Khare Housing Project Dhamni Road Vishrambag, Sangli- 416415.(Maharashtra). Contact Person- Mr. Balasaheb Kadam.(Father) Ph. No. - (02322) 235587 Mobile No. - 09423857987

Declaration

I hereby declare that the above-furnished details are true and correct to the best of my knowledge.

Place: Sangli.

Date: July 12, 2025

Dr. Sachin B. Kadam