

Name:Dr. M. P. Kadam
Designation: Professor
Institute Address:MVPS's KBT COE, Udoji Maratha Boarding
Campus, Gangapur Road, Nashik-422013



Research and Teaching Interest:

Structures
Concrete
Utilisation of Industrial waste in concrete
Construction management

Google Scholar: H Index : 5
i10-Index : 2

Research Gate : 81

Journals : 19

Conferences : 06

Personal information:

Date of birth 14/07/1974

Present address: Sarang Residency, Flat No. 34, Opposite Nirmala Convent high school,
Gangapur road, Nashik-422013

Email: Kadam.madhav@kbtcoe.org

Mobile Number: 9881820453

Education Qualification:

| Qualification | Institution | Board/University | Year of Passing | % | Class |
|---------------|--|----------------------|-----------------|----|-------------|
| Ph.D. | SVNIT, Surat | SVNIT, Surat | 2016 | -- | -- |
| M.E. | VJTI, Mumbai | Mumbai | 2000 | 60 | First Class |
| B.E. | Govt. College of Engineering, Aurangabad | Dr. BAMU, Aurangabad | 1997 | 60 | First Class |
| HSC | Yashwant College, Nanded | Aurangabad | 1992 | 62 | First Class |

Consultancy project undertaken

1. Structural audit
2. Material testing
3. Third party structural design checking

Summary of Experience:

1. Lecture from 16th August 2000 to 31st June 2006
2. Assistant Professor & Head from 1st July 2006 to 31st Aug. 2011.
3. Associate Professor from 1st sept. 2011 to 2010 to 31 Dec.2016
4. Professor from 1st Jan 2017 to till date

Professional Experience:

1. Worked as Civil Engineer in KRISHNA BUILDERS & DEVELOPERS. From 1st June 1997 to 26th Feb. 1998 and 1st Jan 2000 Jan. to 2nd August 2000.

Reviewer of International Journals

1. MVP journal

Book Chapters:

1. Engineering Mechanics

Teaching Experience (Subject Thought) :

1. F.E.:Engineering Mechanics
2. S.E.: Strength of material/ Mechanics of structure
3. T.E.: Structural Design-II
4. B.E.:Structural design-III

Membership in Professional Organizations:

1. Life member of Indian Society for Technical Education (ISTE) (LM-46252).
2. Fellow member of Association of consulting civil engineers India), (Fellow membership no. 4419f)
3. Fellow member of The Institution of Engineers, India (F-1279617)

Computer Skills:

1. Auto -Cad

Seminars /Workshops/Conference/Camps organized:

1. Seminar: 02
2. Workshops: 02

Faculty development programs (STTP/workshops/QIP) attended:

1. Workshop on engineering mechanics effective teaching methodology sponsored by Pune university at AISSMS college of engineering Pune on 9th and 10th January

2004. Appropriate technology for cyclone resistant building Sponsored by AICTE/ISTE at college of engineering and technology Bhubaneswar on 20th to 24th December 2004.
2. Workshop on Industrial solid waste (Fly-ash) Management Sponsored by ministry of Environment and forest Govt. India New-Delhi on 2nd April 2007.
 3. Workshop on teaching awareness and communication skills Sponsored by ISTE at NDMVPS College of engineering Nashik on 22nd to 24th November 2007.
 4. Workshop on implementation of revised syllabus of the subject basic civil and environmental Engineering and engineering mechanics Sponsored. by Pune University at G.H.Raisoni institute of Engineering and technology Pune on 9th April 2008.
 5. Workshop on drafting of S.E.Civil syllabus Sponsored by Pune University at AISSMS College of Engineering Pune On 24/12/2008.
 6. Workshop on drafting of T.E.Civil syllabus Sponsored by Pune University at AISSMS College of Engineering Pune On 27/10/2009.
 7. Workshop on The Abuja concrete mix design held 16th and 17th November 2009 at Nashik.
 8. Workshop on Online and regular theory examination of Engineering Mechanics Sponsored by Pune University at Sinhgad College of engineering Pune on 9th March 2010.
 9. Two days National workshop on Ecological Sanitation (ECOSAN-2011) 20-21 October, 2011 at SVNIT, Surat.
 10. Two-week ISTE workshop on Introduction to structural engineering conducted by IIT Powai, January 2016.
 11. Two days National level workshop on Utilization of Waste Materials in Construction for Sustainable Development on 9 & 10 Feb. 2018 at NDMVPS KBTCOE Nashik.
 12. One week FDP on Modern Techniques in surface and subsurface surveying between 28/05/2018 to 01/06/2018, at NDMVPS KBTCOE Nashik.
 13. Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.) 22 to 26 June-2020.
 14. Civil projects & tendering procedure in various sectors, Civil Engineering Department, GCOERC, Nashik, 22 May-2020
 15. Online Webinar on “Research Project Proposal Writing, Research & Development Cell In association with Dept. of Mechanical Engineering & Internal Quality Assurance Cell of MVPS’s K.B.T. College of Engineering, on 1st May 2020.

16. Innovative teaching pedagogy in the technical Institutions, MVPS'S KBT COE, Nashik
17. Online workshop on "Rule of thumbs for Analysis & Design of Steel and R.C.C Structures" on 29th May 2020, M.H.SABOO SIDDIK COLLEGE OF ENGINEERING Department of Civil Engineering.
18. TEQIP Online - STTP on "Advanced Technologies in Water Resources Management (ATWARM-2020)" organized by Department of Civil Engineering, Government College of Engineering Aurangabad (Maharashtra State), India in association with Indian Water Resources Society and Indian Society for Hydraulics (Aurangabad Local Centre) during 23-27 November, 2020.
19. One day online webinar sponsored by NBA on Awareness webinar on outcome-based education and accreditation on 27 Nov. 2020.
20. One-week online Orientation training Programme for Mentor Organised by AICTE, from 15 march to 19 march 2021
21. One Week Online Short-Term Training Programme on "Structural health monitoring & retrofitting, rehabilitation of structure" approved by Indian Society for Technical Education (ISTE), New Delhi during 10/05/2021 to 15/05/2021 Organised by Department of Civil Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.
22. AICTE-ISTE approved Orientation/Refresher Programme on "Improving Excellence in Teaching" held during 24.04.2021 to 30.04.2021 organized by Anantrao Pawar College of Engineering & Research, Parvati, Pune, Maharashtra.
23. Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus, organized by AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engg, SPPU from 3rd May to 5th May 2021.

Journal Publication list:

1. Kadam M. P. and Patil Y. D., "Effect of sieved coal bottom ash as a sand replacement on the properties of cement concrete," *Magazine of Concrete Research*, 67(5), pp. 227-234, 2014. (SCI Journal)
2. Kadam M.P. and Patil Y.D., "Strength, durability, and micro structural properties of concrete incorporating MS and GCBA as sand substitute," *Journal of scientific and Industrial Research* (Paper accepted, SCI Journal)
3. Kadam M.P. and Patil Y.D., "The Effect of sieved Coal Bottom Ash as a Sand Substitute on the Properties of Concrete with Percentage Variation in Cement," *American Journal of Civil Engineering and Architecture*, 2(5), pp. 160-166, 2014.
4. Kadam M. P. and Patil Y. D. "Effect of coal bottom ash as sand replacement on the properties of concrete with different w/c ratio," *International Journal of Advanced Technology in Civil Engineering*, 2(1), pp. 45-50, 2013.

5. S M Waysal, P D Dhake, and M P Kadam, "Effect on Concrete Properties by Replacement of Sand as Thermal Power Plant Pond Ash," *International Journal of Structural and Civil Engineering Research*, vol. 3, no. 2, pp. 151-157, 2014.
6. Kadam M. P. and Patil Y. D., "Resistance To Wear, Durability and Micro Structural Properties of CBA As Sand Replacement In Mortar," *International journal of Earth Sciences and engineering*,9(1), pp.10-16, 2016.
7. Akshaykumar M. Bhoi, Yogesh D. Patil, Hemant S. Patil, Madhav P. Kadam "Feasibility Assessment of Incorporating Copper Slag as a Sand Substitute to Attain Sustainable Production Perspective in Concrete," *Advances in Materials Science and Engineering*, Volume 2018, Article ID 6502890, 11 pages, <https://doi.org/10.1155/2018/6502890>.
8. Dr. Kadam M P and Shijo S. Thomas " Reduction of Greenhouse Gas Emissions By Clean Development Mechanism For Solid Waste Management In Nashik," *International Journal for Research in Engineering Application & Management*, Special Issue – ICRTET-2018, pp. 699-703, 2018.
9. Dr. Kadam M P and Shijo S. Thomas " Reduction of Greenhouse Gas Emissions by Clean Development Mechanism for Solid Waste Management in Nashik," *International Journal for Research in Engineering Application & Management*, Vol.2(2), pp.473-478, 2018.
10. Rakhi V. Sandhan, Madhav P. Kadam, "Partial Replacement of Pond Ash as a Fine Aggregate in Concrete," *International Journal of Research in Advent Technology*, Vol.6(6), pp. 1064-1067, 2018.
11. Deshmukh B R, Dr. M.P. Kadam, Prof. P.D. Aher, "Road Safety Analysis Using Multi Criteria Approach for Rural Road in Nashik Dist.," *International Journal of Scientific Development and Research* Vol.4, Issue 3, pp. 162 – 173, 2019.
12. P D Aher, M P Kadam, "Road Safety Analysis Using Multi Criteria Approach For Rural Road In Nashik", Vol. 4, Issue 3, pp.1-6, 2019.
13. U Kshirsagar, M P Kadam, S M Waysal, "Application on assignment model in precast Industry for optimizing raw material procurement cost", *Solid state Techanology*, Vol. 63, Issue 1, pp. 1984-1999, 2020.
14. P.D Aher, Mr. A J Bhalerao, M P Kadam, "Downtime coast and reduction analysis", *Journal of emerging technology and innovative research*, Vol. 7, Issue 5, pp.751-757, 2020.
15. Viveka Pandit Bagul&Dr. M. P. Kadam, "Time and Cost Analysis using Prefabrication for Construction Industry", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 10, Issue 5, pp. 4790-4796, 2021.
16. Mohit Patil& Dr.M.P.Kadam, "Construction Site Safety using Internet of Things", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 10, Issue 5, pp. 4786- 4789, 2021.
17. Shabnam A. Shaikh& M. P. Kadam, "Feasibility Study of BOT Project- A Case Study of Vadape-Gonde Expressway", *International Research Journal of Engineering and Technology*, Volume: 08 Issue: 08. pp. 25-29, 2021.

18. Jagruti Ashok Dhivare ,Dr. M. P. Kadam, Prof. P.D. Aher, “Increase the Profit by Upgrading the Organization’s Capabilities through Implementation of the Building Information Modeling”, International Journal of Innovative Research in Science, Engineering and Technology, Volume-9 , issue 7, pp. 6789-6796.
19. Urvashi Kshirsagar, M. P. Kadam & S. M. Waysal, “Effective management of dynamic programming in precast industry”, Journal of Construction management, Vol. XXXVII, issue-1, pp.53-61, 2022.

Conference Papers and Posters:

- [1] M.P. Kadam, Y.D. Patil, “*Effect of coal bottom ash as a sand replacement on the properties of concrete*”, Structural Engineering Convention SEC-2012(8th Biennial Conference), Sardar Vallabhbhai National Institute of Technology, Surat, India, December 19-21, 2012.
- [2] M.P. Kadam, Y.D. Patil, “*Effect of coal bottom ash as sand replacement on the properties of concrete with different w/c ratio*”, The 2nd International conference on “Recent Trends in Engineering & Technology”, Chandwad, Nashik, Maharashtra, India, February 22 - 24, 2013.
- [3] M.P. Kadam, Y.D. Patil, “*Effect of Sieved Coal Bottom Ash (SCBA) as Sand Replacement on Properties of Concrete with Different w/c Ratio*”, 4th Nirma University International Conference on Engineering (Nuicon-13), Ahmadabad, Gujarat, India, 28-30 November 2013.
- [4] M.P. Kadam, Y.D. Patil, “Resistance to wear, durability and micro structural properties of CBA as sand replacement in mortar,” International conference on Innovative trends in civil Engineering for Sustainability (ICICES-2016), Erankulum, Tamilnadu, India, 8th -9th January, 2016.
- [5] Shijo S. Thomas M.P. Kadam, Y.D. Patil, “Reduction of Greenhouse Gas Emissions By Clean Development Mechanism For Solid Waste Management In Nashik,” 6th International Conference on Recent Trends in Engineering & Technology (ICRTET - 2018) (ICICES-2016), Chandwad, Nashik, Maharashtra, India, 31 may 2018.
- [6] Kajal bargat, Pritesh Aher, M. P. Kadam, “Smart Application for Labour Opportunity and Hiring on Site”, International Conference on Computing for Sustainable Development in Civil Engineering” (ICCSDC-2021) Organized during 24th and 25th June-2021.

Curricular/Co-curricular/Extra-curricular activities (Such as Lecture Delivered)

1. Worked as Sports In charge from 2002 to 2004.
2. Member of MVP marathon from 2008 to 2020.
3. Working as local managing committee member of NDMVP SAMAJ COLLEGE OF ENGINEERING for 10 years.
4. Worked as coordinator of various program Arranged in NDMVP KBT College of Engineering.

5. Guided award-winning project at under graduate level in 2010, 2012, 2013 in Avishakar which held by university of Pune at zonal level as well as university level.
6. Worked as senior supervisor and custodian for Pune University examination
7. Worked as Building committee member for Pune University women's hostel BYK (SINNAR) COLLEGE OF COMMERCE SINNAR.
8. Worked as Building committee member for Pune University women's hostel RNC ARTS, JDB COMMERCE&NSC SCIENCE COLLEGE OF NAHIK ROAD.
9. Worked as Building committee member for Pune University women's hostel NDMVPS COLLEGE OF ARTS, COMMERCE AND SCIENCE AT SINNAR.
10. Worked as coordinator for AKHIL Bhartiya Marathi sahitya sammelan.
11. Worked as UGC selection committee member for Pune University.

Administrative Responsibilities:

- [1] Worked as HOD of Civil Engineering Department from 1st July 2006 to 30th June 2010 and 1 July 2015 to November 2015 from 1st July 2016 to 26/04/2021.
- [2] Worked as Coordinator of Admission Committee at institute level from 2006 to 2010.
- [3] Worked as Coordinator of Admission Committee at institute level from 2013, 2014 and 2015.
- [4] Worked as coordinator of proposal new course in Civil Engineering.
- [5] Worked as coordinator of proposal for polytechnic (RajashriShahu Maharaj)
- [6] Worked as coordinator for DTE admission seminar consecutive 3 years from 2007 to 2009.
- [7] Preparation of Compliance Report.
- [8] Member of ISO committee as next to HOD.
- [9] ISO internal Auditor for Institute.