



Ph.D. (Civil-Struct.), M.E. (Civil-Struct), B.E. (Civil),
FIE, LMICI, LMIGS, LMISSET, LMISTE, FICCE, LMICFRC, LMIWRS
E-mail: kalwane62@gmail.com, Mob. +91 9922446083
Address: Plot 58, Laxmi Nagar, Gharkeda, Chh. Sambhajinagar (Aurangabad)
Date of Birth: 10th April 1962

Total Experience	(Teaching) 37 Years and 05 Months (Till 1s January, 2024)
Workshops/Conferences	More than 20+ seminars, workshops, conferences attended successfully More than 31+ seminars, workshops, conferences organized successfully
Publications	20+ Journals (UGC/SCI) & 01 Book Chapter
Google Citations	89 Citations (h-index = 5) (i10-index = 2)

Qualifications

Examination	Institution	Board / University	Passing Year	%
Ph.D.(Civil-Structure)	Government College of Engineering Aurangabad	Dr Babasaheb Ambedkar Marathwada University, Aurangabad.	2011	Awarded
M.E (Civil-Structure)		Marathwada University, Aurangabad.	1993	61.44%
B.E (Civil)		Marathwada University, Aurangabad.	1986	61.93%

Experiences

Post/ Designation	Institution	Period		Total Experience
		From	To	
Honorary Professor	Department of Civil Engineering, Maharashtra Institute of Technology, Chh Sambhajinagar	15 th July 2023	Till date	5 Months & 15 days
Professor & Head	Department of Civil Engineering, Maharashtra Institute of Technology, Aurangabad	30 th Aug. 2022	15 th Jul 2023	10Months & 15 days
Professor	Department of Civil Engineering, Marathwada Institute of Technology, Aurangabad	25 th June 2021	29 th Aug 2022	01 Year & 02 Months
Professor & Head	Department of Civil Engineering, Maharashtra Institute of Technology, Aurangabad	1 st Aug. 2020	24 th June 2021	11Months
Professor	Department of Civil Engineering, Marathwada Institute of Technology, Aurangabad	17 th Sept. 2018	31 st July 2020	01Year & 11Months
Director (Campus)	Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology, Aurangabad	2 nd Sept. 2015	08 th Sept. 2018	3 Years
Principal	Dr. D.Y.Patil School of Engineering & Technology, Charholi (Bk.), Via Lohgaon, Pune	07 th Dec. 2011	1 st Sept. 2015	3 Years & 09 Months
Director (Technical)	Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology, Aurangabad.	19 th Jan. 2009	05 th Dec.2011	02 Years & 11 Months
Principal	Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology, Aurangabad.	1 st Aug. 2008	18 th Jan. 2009	06 Months
Professor	Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology, Aurangabad.	12 th Dec. 2007	31th July 2008	08 Months
Head of Civil Engineering	MGM's, Jawaharlal Nehru Engineering College, Aurangabad.	01 st Aug. 2002	11 th Dec. 2007	05 Years & 04 Months
Assistant Professor	MGM's, Jawaharlal Nehru Engineering College, Aurangabad.	06 th Dec. 1994	31 st July. 2002	07 Years & 08 Months
Lecturer	MGM's, Jawaharlal Nehru Engineering College, Aurangabad.	08 th Aug. 1988	05 th Dec. 1994	06 Years & 04 Months
Lecturer	Vidyavardhini's Polytechnic, Vasai Road, Dist.Thane.	01 st Aug. 1987	01 st Aug. 1988	01 Year
Lecturer	Govt. Ploytechnic, Bandra(E), Mumbai.	10 th Sept. 1986	31 st July. 1987	11 Months

Awards / Felicitation:

He honored with prestigious awards as mentioned below;

1. "Education Leadership Award" from World Education Congress Awards, Mumbai on 25th August 2023.
2. "Swatantraveer Sawarkar Award" from freedom fighter Sawarkar Lovers Friend Circle, Chh Sambhajinagar (Aurangabad) on 26th Feb. 2023
3. Felicitation for social work done by Bharatiya Yog Sansthan for society through Yog by Sneh Sawali Care Centre, Chh Sambhajinagar on 15th July 2023
4. "Yoga Award-2021" from Krida Bharati, Chh Sambhajinagar on 20th June, 2021
5. "Education Leadership Award" from 26th Business School Affaire & Dewang Mehta National Education Awards on 29th August 2018.
6. Felicitation for dedicated service in the field of Engineering by Lions Club of Chh Sambhajinagar, Chikalthana in year 2016.
7. "Excellence Award" from The Institution of Engineers (India), Aurangabad local center, Chh Sambhajinagar on 15th September 2015.

Membership of Professional Bodies:

- ✓ Fellow of The Institution of Engineers (India) (FIE), Membership No.F-112401-5
- ✓ Life Member of Indian Society for Technical Education (LMISTE),LM-8230
- ✓ Life Member of Indian Concrete Institute (LMICI), LM 7170
- ✓ Life Member of Indian Society of Earthquake Technology (LMISSET), LM-1216
- ✓ Life Member of Indian Geotechnical Society (LMIGS), LM-4632
- ✓ Life Member of Indian Water Resources Society (LMIWRS), LM-2005-6639
- ✓ Life Member of International Center for Fiber Reinforced Concrete Composites (LMICFRC), ILM-250
- ✓ Fellow of International Congress of Chemistry and Environment (FICCE)

Presently Working As:

1. Honorary Professor, Department of Civil Engineering, Maharashtra Institute of Technology, Chh. Sambhajinaga
2. Research (Ph.D.) Guide under Civil Engineering at M.I.T. Chh. Sambhajinagar under Dr Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar
3. Up-Prant Pradhan of "Bhartiya Yog Sansthan(Delhi) " Maharashtra Prant.
4. Chairman of Indian Geotechnical Society, Aurangabad local Centre, Chh. Sambhajinagar.
5. Past Chairman of "The Institution of Engineers (India), Aurangabad local centre, Chh. Sambhajinagar for period 2023-25
6. Vice President of "Alumni Association" of Govt. Engineering College, Chh. Sambhajinagar (AAGECA) for the period 2023-25.
7. Executive Body Member of "Urja Sahayog", a charity institution working in the field of Energy conservation & use of renewable energy.
8. Member of Governing Body of Govt. Polytechnic, Chh Sambhajinagar
9. Member, Board of Studies, Civil Engineering Department, Govt. Polytechnic, Chh. Sambhajinagar.
10. Yoga, Pranayama and Dhyana Teacher
11. Member of "We for Environment" Social Group, working towards tree plantation and Sustainable Environment activities.

Noteworthy Achievements / Performance :

- ✓ Campus Director, Shreeyash Pratisthan's, Shreeyash College of Engineering and Technology, Chh Sambhajinagar.
- ✓ Principal, D. Y. Patil School of Engineering & Technology, Charholi, Lohgaon, Pune
- ✓ Head of the Department, M.G.M.'s, Jawaharlal Nehru Engineering College, Chh. Sambhajinagar
- ✓ Professor and Head, Department of Civil Engineering, Maharashtra Institute of Technology, Chh Sambhajinagar
- ✓ Professor, Department of Civil Engineering, Maharashtra Institute of Technology, Chh Sambhajinagar
- ✓ Worked as Honorary Secretary of The Institution of Engineers (India), Aurangabad Local Center, Chh Sambhajinagar for the period 2006 -2008.
- ✓ Worked as Joint Secretary of The Institution of Engineers (India), Aurangabad Local Center, Chh Sambhajinagar for the period 2004 06.
- ✓ President of "Urja Sahayog", a charity institution working in the field of Energy conservation & use of renewable energy for the period of 2012-20
- ✓ Board of Studies (BoS) member Civil Engineering of Dr Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar for period 2017-22

- ✓ Executive Body Member of The Institution of Engineers (India), Aurangabad Local Center, Chh Sambhajinagar for the period 2010-2012 , 2012-14 and 2016-18, 2018-20
- ✓ Vice President of “Alumni Association” of Govt. Engineering College, Osmanpura, Chh Sambhajinagar (AAGECA) for the period 2013-2015.
- ✓ Secretary of “Alumni Association” of Govt. College of Engineering, Osmanpura, Chh Sambhajinagar (AAGECA) for period 2015-2017.
- ✓ Joint Treasurer of “Alumni Association” of Govt. College of Engineering, Chh Sambhajinagar (AAGECA) for period 2020-2021.
- ✓ Worked as project-in-charge for starting & setting up (including permission, construction activity, setting of Laboratories, and Appointment of staff) of New Engineering College, Institute of Management (MBA) , Institute of Pharmacy & Polytechnic Institute
- ✓ Worked as Secretary of JNEC-ISTE Chapter
- ✓ Worked as investigator for third party evaluation of Civil Works of District Primary Education Program (DPEP) of Govt. of Maharashtra under World Bank Project.
- ✓ Worked as Presiding Officer for Joint Entrance Examination (JEE) and Graduate Aptitude Test in Engineering (GATE).
- ✓ Worked as Chief Test Administrator (CTA) for written Examination for the recruitment of probationary officers in State Bank of India.
- ✓ Worked as Chief Superintendent (CS) for Engineering Examination of Dr.Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar.
- ✓ Worked as Chairman / Member of Local Inquiry Committee (LIC) for Affiliation of Graduate & Post Graduate Courses of Dr.Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar
- ✓ Worked as Subject Expert for staff selection at different Engineering Colleges.
- ✓ Worked as Vice-Chancellors Nominee for selection of Assistant Professor and Lectures in different Engineering Colleges under Dr.Babasaheb Ambedkar Marathwada University Chh Sambhajinagar.
- ✓ Worked as member of Vigilance Squad for Smooth conduct of Engineering Examinations of Dr.Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar.
- ✓ Representative of the Dr.Babasaheb Ambedkar Marathwada University, Chh Sambhajinagar on the Building Committee of the different Colleges.

Seminars / Workshops / Conferences Attended:

More than 35 seminars, workshops, conferences attended successfully.

Seminars / Workshop / Conference Organized:

Many Seminars, Conferences and Workshops are arranged for faculty and students.

Publications:

Book:

Co-Author of the book “Engineering Mechanics - Statics and Dynamics”, Published by Renuka Prakashan, Aurangabad.

Papers:

- 1) Uttam B. Kalwane, Yuwaraj M. Ghugal and Ajay G. Dahake, “ Shear Strength of Modified Steel Fiber Reinforced Concrete” The Indian Concrete Journal (ICJ), February 2016, Vol. 90, No.2, pp54-63.
- 2) Uttam B. Kalwane and Ajay G. Dahake, “Effect of Polymer Modified Fibers on Strength of Concrete”, Journal of Polymer & Composites, ISSN: 2321-2810 (Online), ISSN: 2321-8525 (Print), Vol. 3, Issue 1, 2015, pp15-24.
- 3) Uttam B. Kalwane, Yuwaraj M. Ghugal, Ajay G. Dahake, “ Elastic Constants of Polymer Modified Fiber Reinforced Concrete” The Asian Review of Civil Engineering(TRACE), ISSN: 2249-6203, Vol.3, No.2, 2014, pp.27-40.
- 4) Uttam B. Kalwane, A. G. Dahake and V. R. Upadhye, “ Effect of Polymer Modified Steel Fiber Reinforced Concrete on Bond Strength” Journal of Experimental & Applied Mechanics, ISSN: 2230-9845(online), ISSN: 2321-516X (print), Vol.6, Issue 2, 2015, pp.33-43.
- 5) U. B. Kalwane, Y. M. Ghugal and A. G. Dahake, “Toughness of Polymer Modified Steel Fiber Reinforced Concrete” ,Open Journal of Civil Engineering, Vol.6(1), Feb 2016, pp. 8-18.

- 6) Uttam B. Kalwane, Pankaj B. Autade, Dipak S. Patare, "Effect of Varying Ratio of Silicon Dioxide to Sodium Oxide on Geopolymer Concrete", International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Vol. 5, Issue 4, August 2016, pp.1-10.
- 7) Vishal A. Itware, Dr Uttam B. Kalwane, " Effects of Openings in Shear Wall on Seismic Response of Structure", International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 5, Issue 7(part-1), July 2015, pp.41-45.
- 8) Jitendra D. Dalvi, Dr Uttam B. Kalwane, "Effect of Fibre Length and Percentage of Sisal on Concrete", Multidisciplinary Journal of Research in Engineering and Technology, ISSN: 2348- 6953, Vol.3, Issue 1, Jan.2016, pp. 923-932.
- 9) Sharadrao Patil and Uttam Kalwane, "Shear Lag in Tube Structures", International Journal of Innovative Science, Engineering & Technology, ISSN: 2348-7968, Vol. 2, Issue 3, March 2015, pp. 509-511.
- 10) Charuhas K. Karalkar and Dr Uttam Kalwane, "Comparative Study of Structure Using Composite Members and Conventional Members", International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 5, Issue 5, (part-5) May 2015, pp. 88-92.
- 11) Hemant Desai and Uttam Kalwane, "Effect of Soil Structure Interaction on the Seismic Behavior of Buildings", International Journal of Science and Advance Research in Technology (IJSART), ISSN(Online): 2395-1052, Volume 1, Issue 10, October 2015, pp. 64-67.
- 12) Shivaji Barkale and Dr Uttam B. Kalwane, "Rice Husk Ash Concrete – Compressive Strength and RCPT Test", Multidisciplinary Journal of Research in Engineering and Technology, ISSN: 2348-6953, Vol.3, Issue 1, Jan.2016, pp. 942-947.
- 13) P. Kapdis, U. Kalwane, U. Salunke and A. Dahake, " Flexural Analysis of Deep Aluminium Beam", Journal of Soft Computing in Civil Engineering, Vol.2, Issue 1, Winter 2018, pp.71-84.
- 14) Dr. Uttam B. Kalwane, Dr. Yuwaraj M. Ghugal, Ajay G. Dahake, "Effect of Polymer Modified Steel Fiber Reinforced Concrete on Various Strength of Concrete", Proceedings of "Recent Advances in Structural Engineering(RASE-2013), University College of Engineering(A), Usmania University, Hyderabad-07, on 12- 14th September-2013, pp293-301.
- 15) Dr. Uttam B. Kalwane, Dr. Yuwaraj M. Ghugal, Ajay G. Dahake, "Effect of Polymer Modified Steel Fiber Reinforced Concrete on Various Strength of Concrete", Proceedings of "Recent Advances in Structural Engineering (RASE-2013), University College of Engineering(A), Usmania University, Hyderabad-07, on 12- 14th September-2013, pp293-301.
- 16) U. B. Kalwane, Y. M. Ghugal and A. G. Dahake, "Flexural Strength of Polymer Modified Fiber Reinforced Concrete", The National Conference on Advances in Materials and Structures, AMAS 2011, Department of Civil Engineering, Pondicherry Engineering College, Puducherry, India, during February 3 - 4, 2011.
- 17) U. B. Kalwane and Y. M. Ghugal, "Some Properties of Steel Fiber Reinforced Concrete", First International Conference on Sunrise technologies(i-COST-2011) on January13th -15th, 2011 at SSVPS's B S Deore College of Engineering and Polytechnic,Dhule, M.S.,India
- 18) G. K. Patil, P. A. Sadgir, U. B. Kalwane, "Effects of Air Pollutant on Concrete" 4th International Congress of Chemistry and Environment (ICCE-2009) at Ubonratchathani, Thailand on 21-23 January 2010.

Key Skills

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| ✓ Administration of Engineering, MBA, Polytechnic and Pharmacy Colleges | ✓ Starting & Setting up of New Engineering, MBA , Polytechnic and Pharmacy Educational Institutes, |
| ✓ Teaching and motivating to Civil Engineering Students, | ✓ Yog, Pranayam & Dhyana Teacher |
| ✓ Project Management (Civil Engineering), | ✓ Motivational talk on Stress Management, Ideal Life Style, etc |
| ✓ Handle Construction Site (of any size) with quality work, | ✓ Social Worker |

Personal Evaluation:

- ✓ My objective is to convey an enthusiastic attitude and create an energized atmosphere while maintaining discipline in the field of teaching in a growth oriented Institution.
- ✓ Ability to teach, motivate and direct students while maintaining high interest and achievement.
- ✓ Dedicated to creating stable learning environments & inspiring students to deliver their best.
- ✓ Optimistic, Positive approach and Total involvement in whatever I do, has helped me to achieve Success. I hope this will help me in future also.
- ✓ I took initiative in arranging educational /Technical visits, Expert lectures, programs & social work related activities.
- ✓ Starting & Setting up of new Engineering, MBA & Polytechnic Institute, Passionate towards arranging and conducting the Free Yoga, Pranayam & Dhyana classes.
- ✓ Motivational lectures on Stress Management through Yog, Ideal Life Style for Happy and Healthy Living, My Social Responsibility, etc