

Profile

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Designation and Experience: Assistant professor, 14 years

Educational Qualification:

Qualification	Degree	Passing Year	%Marks / CGPA	Division	University/Institute
Ph.D.	Ph.D.	2023	---	---	Veermata Jijabai Technological Institute, Mumbai.
PG	M.Tech Civil (Structure)	2009	6.60	Ist	Veermata Jijabai Technological Institute, Mumbai.
UG	B.E.(Civil Engg.)	2007	67.85	Ist class with Distinction	SSVPS's BSD Collage of Engg., Dhule, Maharashtra
H.S.C.	12th	2003	71.17	Ist	Maharashtra State Board, Nasik Division
S.S.C	10th	2001	69.46	Ist	Maharashtra State Board, Nasik Division

Courses / Subject Involved with:

- Engineering Mechanics
- Strength of Materials
- Structural Analysis-II
- Dams and Hydraulics structures
- Structural Design-III

Other Achievements:

- Qualified in **GATE 2006** as well as in **GATE 2007**.
- Got Promising Engineer's award 2016 by Institution of Engineers, Nasik Local Center.

Membership of International/National and other Professional Bodies:

- The Institution of Engineers India (IEI) – AM-144446-0 from Feb 2012, Nasik Centre.
- DAB Member At SHHJB, Polytechnic Chandwad In Civil Engg Programme

NPTEL Online Certification

- Strength of Materials.

Expert Lectures Delivered:

- Expert lecture delivered on ‘Construction Techniques’ at Civil Engineering Department, SHHJB Polytechnic Chandwad in 2021-22.
- Taught Strength of Materials in 2013-14 on a demand at Jamia Mohammadia Education Society Mumbai Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon.

Consultancy Work done:

- Started consultancy at SNJB’s LSKBJ COE chandwad from 2011-12.

Papers presented –

Journal papers: Total Journal Papers 6 Nos. As First Author 5 Nos.

- L. B. Pawar, K. K. Sangle and Y. L. Bhirud, “Experimental investigation along with 3-D Finite Element Analysis to determine the stress bearing ability of concrete containing waste plastic aggregates.”, Research on Engineering Structures and Materials, Vol. 9 Iss. 3 (2023) 1081-1099
- L. B. Pawar, K. K. Sangle and Y. L. Bhirud, “Experimental investigation of spalling effect of elevated temperature on concrete containing waste plastic aggregates.” Research on Engineering Structures and Materials, Vol 8, issue 4, 2022, page 861-884.
- L. B. Pawar, K. K. Sangle and Y. L. Bhirud, “Impact of recycled plastic aggregate concrete in high-temperature environments”, Innovative Infrastructure Solutions, Vol. 7 Article 197, 2022,
- Lalit Pawar, “Effect of Copper slag as a sand replacement on the properties of concrete: A Review Paper”, International Journal for Research in Engineering Application & Management (IJREAM), May 2018, e-ISSN 2454 9150.
- Lalit Pawar, “Utilization of sugarcane baggase ash and plastic aggregate”, International Journal for Research in Engineering Application & Management (IJREAM), May 2018, e-ISSN 2454 9151.
- Lalit Pawar, “Behavior of Concrete with plastic waste and natural fibers”, International journal of Innovative research in science and Engineering, March 2017, Vol. 3, issue 3, ISSN (O) 2454-9665 ISSN (P) 2455-0663.

Papers presented –

Conference papers: National/International

Total Papers- 9 Nos.

As First Author- 5 Nos.

- Lalit B. Pawar, “**Design and Analysis of post tensioned bridge with varying cable profile: A Review Paper**”, ICRTET’2021, 7th International conference on Recent trends in Engineering & Technology; 15th and 16th Nov. 2021.
- Lalit B. Pawar, “**Utilization of sugarcane baggase ash and plastic aggregate in concrete: A Review Paper**”, ICRTET’2018, 6th International conference on Recent trends in Engineering & Technology; 30th and 31st May 2018.
- Lalit B. Pawar, “**Effect of Copper Slag As Sand Replacement on The Properties of Concrete**”, 6th International conference on Recent trends in Engineering & Technology; 30th and 31st May 2018.
- Lalit B. Pawar, Dr. K. K. Sangle, Yuvaraj L. Bhirud, “**Behavior of Concrete with plastic waste and natural fibers**”, 3 days International conference on Recent trends in Civil Engineering, science and management; 24th to 26th March 2017, ISBN: 978-93-86171-34-4.
- Lalit B. Pawar, “**Shrinkage & Elastic Shortening In Prestressed Beams Using Self Compacting Concrete**”, SRES National level paper presentation, Kopergaon, March 18-19, 2016.
- Lalit B. Pawar, “**Effect of Natural And Artificial Fiber On Concrete**”, 4th International conference on Recent trends in Engineering & Technology; 2nd and 4th July 2015, e-ISSN No.:2349-9745,Page-62, Impact factor 3.518, 10-Digit ISBN: 93-392-2290-3, 13-Digit ISBN: 978-93-392-2290-1
- Lalit B. Pawar, Krishna Avhad, “**Mitigation of wind induced vibration**”, 2nd International conference on Recent trends in Engineering & Technology; 22nd to 24th February 2013, Paper ID 424, ISBN-978-81-926080-0-6, Page 902
- Lalit B. Pawar, Krishna Avhad, “**Theoretical Analysis and Design of post tension slab**”, 2nd International conference on Recent trends in Engineering & Technology, 22nd to 24th February 2013, Paper ID 482, ISBN-978-81-926080-0-6, Page 847.

- Lalit B. Pawar, “**Enhancement of Flexural Strength of RC Beams Using Kevlar Fabric**”, 2nd International conference on Recent trends in Engineering & Technology; 22nd to 24th February 2013, ISBN-978-81-926080-0-6, Page-958.

Workshop/Seminar/FDP/STTP Attended - 21 Nos

- Five days FDP on “Innovative Teaching and Learning Pedagogy” from 24th to 28th April 2023 by Parul university Gujarat, Research foundation of India and RFI-Care.
- Five days online STTP on “Machine learning” from 21st to 25th Feb 2022 by JJM COE Jaysingpur, Maharashtra.
- Five days online Faculty development program on "Journey To Research And Beyond" from 21st to 25th May 2021 by DR DY Patil COE Lohegaon, PUNE
- Three days online workshop on “Research Development and Innovation Ethics”, From 17th May 2021 to 19th May 2021 by Department of Civil Engineering of MVPS’s K.B.T. College of Engineering, Nashik.
- Four days online workshop on "NBA awareness" from 11th May 2021 to 14th May 2021 by Association of the Managements of Un-aided Engineering Colleges (Maharashtra).
- One week online Faculty development program on "RACE 2020" from 2nd to 7th June 2020 by VJTI and Engineering College, Ajmer.
- One week online Faculty development program on "Promoting quality culture in technical institutions" from 25th to 29th May 2020 at AISSMS College of Engineering Pune.
- Four days online Faculty development program by AICTE on "Examination Reforms" from 29th April to 2nd May 2020.
- Two days Faculty development program on "Project based Learning", on 21st and 22nd June 2019 at SNJB’s LSKBJ College of Engineering, Chandwad.
- Two days Faculty development program on "Leadership", on 11th and 12th June 2019 By UDDAN foundation.

- Two days State level workshop on "intellectual property rights and legal aspects", on 24th and 25th January 2019 at Guru Gobind Singh college of Engineering and research centre, Nashik.
- One week Faculty development program Under QIP on "Matrix methods of structural analysis" from 23rd January to 28th January 2018 at VJTI, Mumbai.
- Two week AICTE sponsored Faculty development program "present scenario of treatment of waste in India: Challenges, issues and new techniques of Treatment" from 13th to 25th November 2017 at Sanjivani college of Engineering, Kopergaon
- Two days State level seminar on "Application of Geographical information system in watershed management", on 11th and 12th Oct. 2013 at SNJB's LSKBJ College of Engineering, Chandwad.

(Short FDP/Workshop/Training Attended)

- One day online Webinar on "Reliability and Validity in Research & Technical Paper Writing" on 04th July 2021 by Manjara Charitable Trust Rajiv Gandhi institute of technology Mumbai.
- One day online Webinar on "Scenario of Construction Industry Post COVID 19" on 29th May 2020 by Guru Gobind Singh college of Engineering Nashik.
- One day online Webinar on "Highway Engineering" on 29th May 2020 by Datta Meghe college of Engineering Navi Mumbai.
- One day online Webinar on "Recycling of asphalt pavements for sustainable road construction" on 29th May 2020 by MIT school of Engineering Pune.
- One day online Webinar on "Practical aspect of building planning" on 26th May 2020 by Jaihind college of Engineering, Junnar (Pune)
- One day online Webinar on "Durability of Concrete- Understanding codal provisions" on 24th May 2020 by KK wagh college of Engineering, Nashik
- One day Faculty development program on Structural Design and Drawing III on 10th sept. 2016 at Padmabhushan Vasantdada patil institute of technology.