



AkhilBharatiyaMarathaShikshanParishad's
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Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune

University Savitribai

Phule Pune University Identification No. PU/PN/Engg./441/2012, DTE CODE:-EN6794



Dr. Abhay Shelar Ph.D, M.E.(Construction Management).
Associate Professor in Department of Civil Engineering

Experience :20 Years

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International Journal Publication Papers:

- AbhayShelar, Amit B. Mahindrakar,(2020) “ Impact Resistance For Ready Mix Concrete Plant Waste Concrete Aggregate”, *International Journal of Recent Technology and Engineering (IJRTE)* 9 (1) 2311 -2315
- AbhayShelar, D. Neeraja, and Amit B. Mahindrakar (2019) “Experimental Study on

Ready Mix Concrete Plant Waste Concrete as a Aggregate for Structural Concrete”
Springer Nature Singapore,1(01), 112–118,

- AbhayShelar, Dr. D. Neeraja, Dr.Amit B. Mahindrakar(2019) “Effect of Polycarboxylate Ether on Properties of Ready mix concrete plant waste concrete as a aggregate Concrete (RMWCA)” *Journal of Emerging Technologies and Innovative Research*. 6(1), 10-19.
- AbhayShelar, AmitMahindrakar (2019) “Practical Scrutiny for Concrete Strength Properties of Ready-Mix Concrete Plant from Waste Concrete Aggregate” *International Journal of Innovative Technology and Exploring Engineering* .8(10), 2931-2935.
- AbhayShelar, Dr. D. Neeraja and Dr.Amit B. Mahindrakar (2018) “Experiential investigation of nitric acid concentration on the compressive strength of ready mix concrete plant waste concrete aggregate” *International Journal of Civil Engineering and Technology (IJCIET)*, 9(08) ,1353-1364.
- AbhayShelar, Dr. D. Neeraja and Dr.Amit B. Mahindrakar (2018) “Experimental investigation of strength of concrete by using concrete and concrete related product plants waste water use in concrete” *International Journal of Civil Engineering and Technology* .9(09), 1302–1308
- AbhayShelar, Dr. D. Neeraja, Dr.Amit B. Mahindrakar (2018) “Experimentation of rapid chloride permeability test on ready mix concrete plant waste aggregate concrete” *International Journal of Engineering Science Invention Research & Development*; 4(12) ,395-401.

- AbhayShelar, D. Neeraja, Amit B. Mahindrakar(2018) “ Properties of Concrete made with Recycled Aggregate from Partially Hydrated Old Concrete”, *International Journal of Research in Engineering Science and Technology*3(08), 9-14

InternationalConferencePaper:

- Gio polymer concrete with fly ash participate and play page presented at international research conference on management technology and engineering science held on 16 June 2012 at Hotel Vesta MayuraPalace Jaipur organized by Choice college Kothrud Pune
- “Environment Impact Assessment of Precast Concrete” In National Conference on Emerging Trends in Engineering and Technology – 2012 Vidya Pratishthan’s College of Engineering Baramati Conducted during 28 and 29 February 2012
- “Fly ash Based Geopolymer Concrete” In National Conference on Emerging Trends in Engineering and Technology – 2012 Vidya Pratishthan’s College of Engineering Baramati Conducted during 28 and 29 February 2012
- “Resolution of Construction disputes review of current Methodologies” In National Conference on Emerging Trends in Engineering and Technology – 2012 Vidya Pratishthan’s College of Engineering Baramati Conducted during 28 and 29 February 2012
- “Solid waste Management” In National Conference on Emerging Trends in Engineering and Technology – 2012 Vidya Pratishthan’s College of Engineering Baramati Conducted during 28 and 29 February 2012
- Properties of Recycle Concrete Aggregates National Conference on Technical Revolution Jointly Organized by Akhil Bharatiya Maratha Shikshan Parishad'sAnantrao Pawar College of Engineering & Research.Pune and Savitribai Phule Pune University on 9 and 10 January 2015
- Effect of poly carbonated ether on properties of ready mix concrete plant waste concrete as aggregate concrete in National conference on technical regulations jointly organised by anantrao Pawar College of engineering and research Pune and Savitribai Phule Pune University on 12th and 13 February 2019
- “Environmental Impact Assessment of Precast Concrete Products” In National Conference on Emerging Trends in Engineering and Technology – 2012 Vidya Pratishthan’s College of Engineering Baramati Conducted during 28 and 29 February 2012

National Conference Papers:

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- Planning and Design for Green Building Energy Simulation Short Term Training Program (STTP) Organized by Imperial College of Engineering and Research Wagholi, Pune and ISTE New Delhi SRM Chennai During 11 March 2013 to 16 March 2013
- "GIS in water Resource and Transport" State level Seminar Sponsored by Pune University Organized by Civil Engineering Department of G.H. Raisonni Institute of Engineering and Technology on 30 and 31 October 2014
- "Advanced Surveying" One day Workshop Conducted by Vishwakarma Institute of Information Technology Pune on 24 July 2010
- One day Workshop on BE Civil 2012 Course Syllabus Drafting Organized by AISSMS College of Engineering Pune on 10 June 2015
- Effective teaching methodology for engineering mechanics 2019 organised by department of civil engineering Pimpri Chinchwad College of engineering Pune on 27 July 2019
- "TE civil syllabus revision pattern 2012" Organised by MIT College of engineering Pune 9 June 2014
- Introduction to structural engineering conducted by Indian institute of technology Kharagpur and GH college GH Raisonni College of Engineering and Management wagholi workshop was held under the national mission of education through ICT MHRD on 13 November 2015 to January 2016
- Syllabus setting for be civil for Savitribai Phule Pune University organised at Maharashtra institute of technology Pune on 31st March 2011
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- One day workshop on be civil 2012 pattern course syllabus drafting organised by all India Shri Shivaji Shivaji memorial society College of engineering Pune on 10 June 2015
- Blockchain Technology Two days state level workshop organised by Anantrao Pawar College of Engineering and Research Pune in Association with Savitribai Phule Pune University on 18th and 19th December 2019
- Faculty development program on BIM workflow for AEC industry organised by CAD centre and Bentley in hslc and with Savitribai Phule Pune University on 20 December 2018 at Savitribai Phule Pune University campus
- Innovation in building bridge design and construction the big 5 construct India 14 September 2017 at Bombay exhibition centre

- Application of total station green building concept and design of structure practicals at SB Patil College of engineering Indapur on 24 to 28 December 2018 organ organised by department of civil engineering in association with AICTE IST and Savitribai Phule Pune University

Workshop

- MATLAB A to Z in 30 hours ISTE Approved Short Term Training Programme During 21st June to 25th June 2010 at G.H. Raisonni College of Engineering and Management Wagholi Pune
- Motivation & Staff Development Program Organized By National Institute of Technical Teachers' Training & Research Bhopal During 27 September 2007 to 29 September 2007
- Recent Trends in Energy & Environment ISTE Approved Short Term Training Programme Organized by Department of First Year and Civil Engineering Department of During 25 June to 29 June 2012 at G.H. Raisonni College of Engineering and Management Wagholi, Pune
- MATLAB Tools and its Applications One day workshop on 11 October 2013 at G.H. Raisonni College of Engineering and Management wagholi Pune
- MATLAB A TO Z IN 30 Hours Organized by Department of First Year Engineering of G.H. Raisonni College of Engineering and Management Wagholi Pune during 21 June 2010 to 25 June 2010
- Recent Trends in Energy and Environment ISTE Approved Short Term Training Programme (STTP) During 25 June 2012 to 29 June 2012 Organized by Department of First Year and Civil Engineering of G.H. Raisonni College of Engineering and Management wagholi Pune.
- Planning and Design for Green Building Energy Simulation ISTE New Delhi – SRM, Chennai short term training program during 11th to 16th March 2013 at JSPM Imperial College of Engineering and Research Wagholi Pune
- Engineering Mechanics two-week ISTE Workshop Conducted by Indian Institute of Technology Bombay held under the National Mission on Education through ICT (MARD) from 26th November to 6th December 2013
- Recent Trends in Highway Engineering on 22nd and 23rd October 2013 Organized by G.H. Raisonni College of Engineering and Technology Wagholi Pune

FDP/STP/STTP

FDP on 'Structural Design-III' at VPVIT, Pune during 10th Sep 2016.

NPTEL Online Certification

Successfully completing the course
of Geotechnical Engineering II Foundation Engineering, during Jan-
Apr 2019 (12 week course).

Experience (teaching/Industrial/others)

Sr.No.	Experience	Duration
1	Teaching Experience	19 Year
2	Industrial Experience	4 Year