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Savitribai Phule Pune University Identification No. PU/PN/Engg. /441/2012, DTE CODE:- EN 6794



Ms. Supriya B. Shinde

Ph.D.(Pur), M.E.(Structural Engineering)

Assistant Professor in Department of Civil Engineering

Experience: 10 Years

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International Journal Publication Papers:

1. Paper published on "Effect of Shape of Column on Seismic Design of Framed Structure" *International Conference on Science & Technology 'ICST-2K14'*, Pune University, 2014.
2. Paper published on "Landslide Investigation In BhorTahsil: A Case Study of Mahadevswadi, *International Journal of Engineering Science and Computing*, April- 2016.
3. Paper published on "A Review on Rubblemound Breakwater Design By Empirical Formulae And Hydraulic Model Tests", *International Research Journal of Engineering and Technology*, Vol. 04, Issue 04, April -2017.
4. Paper published on, "A Review on Structural Audit Report of Oldest Bridges In Pune City", *International Journal of Research In Engineering, Science and Technologies*, Vol. 03 Issue 08, February 2018.
5. Paper published on, "Review on Processing and Analysis of Digital Strong Motion Accelerogram and Its Importance" *International Journal of Engineering Research & Technology*, Vol. 7 Issue 03, March-2018.
6. Paper published on, "Health Monitoring Assessment of Sambhaji Bridge" *International Research Journal of Engineering and Technology*, Vol. 05, Issue 05, May-2018.
7. Paper published on, "Psychoanalysis and Restoration of Structure", *Journal of Emerging Technologies and Innovative Research*, Vol. 04, Issue 06, Sep-2018.
8. Paper published on, "Review On Structural Health Monitoring With The Help Of Wireless Sensing Network", *International Research Journal of Engineering and Technology*, Vol. 06, Issue 03, May-2019.

9. Paper published on, "Review On Utilization of Ceramic Waste In Grout" ,*International Research Journal of Engineering and Technology*, Vol. 06, Issue 01, Jan-2019.
10. Paper published on, "Structural Health Monitoring With The Help Of Wireless Sensing Network", *International Research Journal of Engineering and Technology*, e-ISSN:2395-0056, p-ISSN:2395-0072, May-2019.
11. Paper published on, "Parametric Study & Seismic Analysis of AAC Block using STAAD. Pro V8i SS6", *International Research Journal of Engineering and Technology*, ISSN 2395-0056, Vol. 7, Page No. 1217-1212, 2020.
12. Paper published on, "Study Of Sewage Treatment Plant & Its Advancement With Innovative Approach", *Mathematical Statistician and Engineering Applications*, Volume 69, No.1, Page No. 596–602, 2020. <https://doi.org/10.17762/msea.v69i1.2634>
13. Paper published on, "Cow Dung for Improving the Ecosystem of Soil and Cow Importance from Vedic Scriptures" *Mathematical Statistician and Engineering Applications*, Volume 69, No.1, Page No. 2326-9865, 2020. <https://doi.org/10.17762/msea.v69i1.2630>
14. Paper published on, "A Review on Structural Audit Report of Oldest Bridges in Pune City" *Mathematical Statistician and Engineering Applications*, Volume 69, No.1, Page No. 565-568, 2020. <https://doi.org/10.17762/msea.v69i1.2629>
15. Paper published on, "Investigation of the Initial Condition of Motion for Non-Uniform Sediments" *Mathematical Statistician and Engineering Applications*, Volume 69, No.1, Page No. 476–480, 2020. <https://doi.org/10.17762/msea.v69i1.2586>
16. Paper published on, "Experimental Investigation on Cracks in Concrete Road Pavement" *Mathematical Statistician and Engineering Applications*, Volume 70, No.2, Page No. 1931-1939, 2021. <https://doi.org/10.17762/msea.v70i2.2565>
17. Paper published on, "A Review On Experimental Investigation on Flexural Strength Enhancement Of Fiber Reinforced Polymer (FRP) Strengthened Beams", *Science and Engineering Journal*, Volume 25, Issue 5, 228-231, May -2021.
18. Paper published on, "A Review On Optimum Dosage of Carbon-nanotubes In Concrete By Varying Aggregate Cement Ratio", *Science and Engineering Journal*, Volume 25, Issue 6, P.P 222-227, May 2021.
19. Paper published on, "Experimental Study of Openings in R.C. Deep Beam" *Mathematical Statistician and Engineering Applications*, Volume 71, No.4, Page No. 2326-9865, 2022. <https://doi.org/10.17762/msea.v71i4.2659>
20. Paper published on, "Analytical Study of Shape of Tall Building Subjected to Wind Load for Steel Frame Structures" *Mathematical Statistician and Engineering Applications*, Volume 71, No.4, Page No. 12854-12860, 2022. <https://doi.org/10.17762/msea.v71i4.2561>
21. Paper published on, "Properties of Concrete Made with Recycled Aggregate from Partially Hydrated Old" *Mathematical Statistician and Engineering Applications*, Volume 71, No.4, Page No. 12969-12985, 2022. <https://doi.org/10.17762/msea.v71i4.2561>

International Conference Paper:

1. Presented in *International Conference on Recent Development in Engineering and Technology 2015 (ICRDET 2015)* on “**Role of shape of column In Earthquake Resistance Framed Structure**”, at Chennai, 2015.
2. Presented in *International Conference on Souths of the World* on “**Impact of High-Density Urban Agglomerations & Slums on Pandemic Situation & Redevelopment Model for Pune City**” University of Milan & FEE, Milan, Italy, 2020.
3. Presented in *International Conference on Souths of the World* on “**De-Urbanization – How Will this New Trend Affect Pune City In the Future**” University of Milan & FEE, Milan, Italy, 2021.

National Conference Papers:

1. Presented technical paper on “Costal Zone Management for Tsunami-A Typical Analysis” in *National Conference*, at Akurdi, Pune, 2010.
2. Presented technical paper on “Bark of Sapindus Trifoliatius: Low Cost Absorbant to Remove Fluoride From Water” in *National Conference on Science and Technology*, at Indapur, Pune, 2012.
3. Presented technical paper on “Solid Waste Management” in *National Conference on Emerging Trends In Engineering and Technology*, at Baramati, 2012.
4. Presented technical paper on “Performance of special Shape of Column in Earthquake Resistant Design of frame Structure- A Review”, *National Conference on Technical Revolution*, at Pune, 2015.
5. Presented technical paper on “Bark of Sapindus Trifoliatius: Low Cost Adsorbant to Remove Fluoride Form Water” in *National Conference on Emerging Trends in Engineering & Technology*, at S. B. Patil College of Engineering, Pune university, 2012.
6. Presented technical paper on “Performance of Special Shape Column In Earthquake Resistant Design of Frame Structure- A Review” *National Conference on Technical Revolution (NCTR-2015)*, Pune university, 2015.
7. Presented technical paper on “Slums and High-Density Urban Agglomerations' Effects on Pune City's Pandemic Situation” *National Conference on Sustainable Development of Smart Cities Infrastructure (SDSCI-2023)*, NIT Kurukshetra, 2023.

National Seminar

1. **Attended** National Seminar on ‘**Quality Assurance and Architectural Doctoral Research**’, organized by BNCA, sponsored by Savitribai Phule Pune University, Pune during, 19th -20th Feb 2016.
2. **Attended** National Seminar (web) on “**Ancient Indian Education System**” organised by NITTTR Kolkata on 11th & 12th November, 2020.

3. **Attended** National Level Online Workshop on "Discovery In Geological Parameters Of Our Planet In Civil Engineering Perspective" 7 June 2021.
4. **Conducted** National Seminar on "*Koyana Dam Lake Tapping*" by Former Chief Engineer Koyana Hydro Electric Projects, Maharashtra & Chairman, Dam Safety Review Panel Pune for Dam Rehabilitation & Improvement Program World Bank, on 8 July 2021.

Workshop

1. **Attended** workshop on '*NPTEL Awareness Workshop*', conducted on 19th 2017.
2. **Attended** workshop on '*Engineering Mechanics*', conducted on 21st Jan 2013.
3. **Attended** workshop on '*Destructive & Non-Destructive Testing Methods For Civil Engineering Structures*', organized by Bharati Vidyapeeth Deemed University College of Engineering (BVUCOE), Pune, during 22th -24th September 2016.
4. **Attended** workshop on " faculty development in Entrepreneurship" during 10 to 21 dec 2018.
5. **Attended** Workshop on '*Civil & Structural Industrial Design Leveraging Latest Technology (TEKLA)*' under AICTE Guidelines, COEP, Pune, during 27th May- 1st June 2019.
6. **Conducted** workshop on '*Entrepreneurship Awareness Camp- A Step from Technocrat To Entrepreneur*', Pune, during 3rd - 5th Jan 2019.
7. **Attended** Two Days National Workshop on "*Trends in Cyber Security*" Organized by "IQAC and Department of Information Technology" of MCT's Rajiv Gandhi Institute of Technology, Mumbai held on 13th & 14th June 2020.
8. **Attended** Three Days Workshop on "*Online Content Delivery for B. E. Civil (2015 Pat.)*" in the subject Structural Design & Drawing III, organized by AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engg, SPPU, during 14/7/2020 to 16/7/2020.
9. **Conducted** workshop on '*Entrepreneurship Awareness Camp- A Step from Technocrat To Entrepreneur*', Pune, during 3rd - 5th Jan 2020.
10. **Conducted** one week *AICTE-ISTE Induction/Refresher Program* on "Improving Excellence in Teaching", 24/04/2021 To 30/04/2021.
11. **Attended** Three Days Workshop on "Online Teaching Syllabus of T.E. Civil - 2015 pattern" organized by Dr. Vithalrao Vikhe Patil College of Engg, Ahmednagar in association with Board of Studies, Civil Engg, SPPU, Pune. On 1/7/2020 to 3/7 2020.
12. **Attended** 3 Day Work on "*Implementation & Execution of Third Year Civil Engineering 2019 Pattern Syllabus*" 7/9/2021 to 9/9/2021.
13. **Attended** five days workshop on "*Latex- A to Z*", organized by Pimpri chinchwad college of

engineering during 27 1/10/2021.

14. **Attended** One week AICTE-ISTE Induction/Refresher Program on “**Outcome Based Education**” during 13/12/2021 to 18/12/2021.
15. **Conducted** One week workshop on ‘**Entrepreneurship Awareness Camp**’, Pune, during 4rd - 8th Jan 2022.
16. **Conducted** 3 Day Workshop on “**Implementation & Execution of Third Year Civil Engineering 2019 Pattern Syllabus**” 13/1/2022 to 15/1/2022.

FDP/STP/STTP/webinar

1. FDP on ‘Structural Design-III’ at VPVIT, Pune during 10th Sep 2016.
2. Attended Faculty Development Programme (FDP) in Entrepreneurship, sponsored by NSTEDB, Dept. of Science and Technology, Govt. of India, Savitribai Phule Pune University Campus, Pune during, 10th -21st Dec 2018.
3. Attended Two Week FDP on "Prayo A– Experiments on click – Usin A Virtual Labs" during 18-05-2020 to 27-05-2020.
4. Attended five day FDP "Advances in Civil Engineering" during 26-05-2020 to 30-05-2020 organized by NIT, Nagpur
5. Attended One week STP "Innovation and Upgradation in Infrastructural Technology" during 27-05-2020 to 02-06- 2020 organized by Terna Engineering College, Nerul.
6. Attended One Week FDP on “Engineering Education & the Industry: A Post COVID-19 Perspective” during 1-06-2020 to 5-06-2020 organized by MCT, Mumbai.
7. Attended One Week National STP on “A SMART AND SUSTAINABLE WORLD IN CONCRETE & STRUCTURES” during 4-06-2020 to 8-06-2020 organized by AISSMS College of engineering, Pune.
8. Attended 3 Day Workshop on “Recent Trends & Scope in Civil Engineering” during 2-06-2020 to 4-06-2020 organized by ARKA JAIN University, Jamshedpur (Jharkhand).
9. Attended Six Day Webinar Series on “Effective use of Digital tools in Academic Administration- Work from Anywhere Anytime” organized by the UGC - Human Resource Development Center, Savitribai Phule Pune University, SPPU Edutech Foundation from 8/6/2020 to 13/6/ 2020.
10. Attended webinar on “Teachers & Learners Of English From Exam To Workplace Communication” on 2/6/2020. (Evening)
11. Attended webinar on “New Research Area in Structural Engineering” during 11/6/ 2020 organized by K. K. Wagh Institute of Engineering Education and Research, Nashik.
12. Attended Webinar on “ASCE INFRASTRUCTURE REPORT CARD” organised by ASCE-ISWR on 25/6/ 2020.

13. Attended Expert Talk on “Modelling of Geotechnical Construction Processes on the Centrifuge: a Few Examples” IIT Bombay on Dated 29th June, 2020.
14. Attended Webinar on “How to Write a Research Paper” organized by Department of Civil Engineering, Sinhgad College of Engineering, Pune, on 18th July 2020.
15. Attended Online Two Week International STTP (Short Term Training Program) on “Advances in Technology and Management for Civil Engineering” (ATMCE) organised by Department of Civil Engineering, KDKCE, Nagpur from 23rd June to 3rd July 2020.
16. Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Smart Cities" from 12/10/2020 to 16/10/2020 at Indian Institute of Information Technology Dharwad.
17. Attended one week online Faculty Development Program on “Entrepreneurship in Material Testing and consultancy Services in Civil Engineering (NABL Accreditation)” from 21st to 25th December 2020.
18. Attended STTP on “Refresher Course in strength of material” organized by NITTRK, 4/1/2021 to 8/1/2021.
19. Attended Two Week's "Faculty Development Program on Entrepreneurship Development" organized by Innovations & Entrepreneurship Development Cell (IEDC), Sandip Institute of Technology and Research Centre, Nashik sponsored by Department of Science and Technology, Government of India, 15/3/ 2021 to 27/3/ 2021.
20. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Basic Course in Animation Film Making" from 17/5/2021 to 21/5/2021.
21. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Data Sciences" from 31/05/2021 to 04/05/2021 at National Institute of Technology Durgapur.
22. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "NBA Accreditation Process" from 28/6/2021 to 02/7/2021 at JNTUA Ananthapuramu.
23. Attended STTP on “Recent Trend In Civil Engineering” organized by SCSCoE during 25/10/2021 to 29/10/2021
24. Attended AICTE Sponsored One Week Online Short Term Training Program (STTP) on “Machine Learning” Applications In Civil Engineering during 21/2/2022 to 25/2/2022.
25. Successfully completing 5 week FDP on innovation & industry readiness from 24/12/2021 to 21/1/2022.
26. Attended Training Program on "Analytical Instrumentation Techniques for Measurement of Environmental Contaminants", at NEERI, Nagpur, November 01-02, 2022.
27. Attended one week STP on "Disaster Risk Reduction and Management (DRRM-2023)" during June 12-16, 2023 at NIT Kurukshetra.

NPTEL online Certification

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

Successfully completing the course of physical chemical waste water treatment II, during Jan- Apr 2022(12 week course).