

Civil Engineering Department

FACULTYPROFILE

Asst Prof. Ms Sushama S. Thorat



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| Qualification: | B. E. (Civil Engineering), M. E.(Structural Engineering) PhD (Civil Engg)-Pursuing |
| Designation: | Assistant Professor |
| Date of Joining: | 10 Feb 2017 |
| Teaching Exp.: | 06 years |
| IndustrialExp.: | 15 years |
| MobileNo.: | 9423524274/8668874449 |
| E-mail: | thoratsushma@redifmail.com |

Subjecttaught:

1. Enviromental Engg -II
2. Professional Practice
3. Structural Mechanics-I
4. Structural Mechanics-II
5. Design of Structure (R.C.C)
6. Transportation Engg-II
7. Engineering Mechanics
8. E C & E E
9. Building Construction
10. Building Planning & Drawing
- 11.Theory of Structure-II
- 12.Design of Reinforced Concrete

**Research/
Publications:**

1. "Bending Analysis for thick beam Using Hyperbolic Shear Deformation Theory" Rex Journal of ISSN 2321-1067 Renewable Research Journal
2. Paper Published in IJAR SCT " SFRC used RC Beam And its Increasing Torsional Strength" Volume 2,Issue 1, Nov 2022
3. Paper Published in IJSRD "Flexural Analysis of thick T-beam Using Fifth order Shear Deformation Theory" Vol.10, Issue 5,2022
4. Publication of the call for book Chapter "Understanding Research and Methodology" With the ISBN-978-1-387-98588-3 Published by, Lulu Publication 3101 Hillsborough St,Raleigh, NC 2767,United States.
5. Paper presented in International Conference on Recent Advances in Civil Engg for Sustainable Development _ Presented paper "Structural Audit-A Review "on Feb 13-14,2021
6. Published in IARJSET "Experimental Investigation of Structural Behaviors of CFST Column Under Axial Loading "Vol .8,Issue 7,july 2021
7. Paper Published in IJETST "Pushover Analysis of R.C.C Framed Structure" Volume 2,Issue 11, Nov 2015 ISSN 2348-9480

**Training/
Workshop
attended:**

- 1) Four Week .“Induction/ Orientation Program” (04th June 2020 to 1st July 2020 on Teaching & Learning Center “ Ramanujan College university of Delhi
- 2) One Day National Conference on Environment & water resources Managements – Challenges & Solutions on dated 27 July 2022 organized by Govt Shri Pratap College, Shrinagar(J&K) In collaboration with Shri JJT University Jhunjhunu Rajasthan
- 3) National Conference on “Emerging Practices & Innovation in Civil Engineering (EPIC 2020)” on dated 26th Oct & 27th Oct 2020 organized by Dept of Civil Engg, S.R.K.R Engineering College Bhimavaram , Andhra Pradesh
- 4) “3rd International Conference on Engineering Challenges in Gulf Countries” on dated 22th Jan 2021 organized by The Institution of Engineers(India)
- 5) “ International Conference on Emerging Novel Trends in Science for Human Welfare 2021” on dated 15th & 16th Feb 2021 organized by Dept of Science, Jnan Vikas Mandal’s Degree College Mumbai
- 6) Recent Advances in Civil Engineering for sustainable development (RACESD-2021) on dated 13th & 14th Feb 2021 organized by Maulana Azad National Institute of Technology Bhopal
- 7) FDP on ‘Futuristic Trends in Civil Engineering’ on dated 6 Feb 2023 to 11 Feb 2023 organized by Dept of Civil Engg at Kongunadu College of Engineering and Technology
- 8) FDP “Research Methodology in Science & Technology “ on dated 14th Jan 2019 to 20th Jan 2019 organized by Dept of Education & Extension, Savitribai Phule Pune University
- 9) FDP “Analytical Techniques for Applied Research, interdisciplinary Program” on dated 16th to 20th Feb 2020 organized by SGGS Nanded (AICTE-QIP)
- 10) FDP “ICT Tools for Effective Teaching Learning” on dated 27th April to 2nd May -2020 organized by School of Mathematical Science ,SRTMU Nanded
- 11) FDP “Machine Learning & Deep Learning Application in Engineering & Science” on dated 16th May to 20th May 2020 organized by Dept of Civil Engg, Govt College of Engg, Karad
- 12) FDP “Sustainable Environment- An Engineering Perspective(SEEP-2020)” on dated 13th July to 18th July 2020 organized by Dep of Civil Engg, Assam Engineering College Guwahati
- 13) FDP “Moodle- Learning Management System” on dated 4th May to 8th May 2020 organized by KLS Vishvnathrao Deshpande Institute of Technology, Haliyal Uttarakannada, Karnataka
- 14) Two week FDP on “Entrepreneurship” on dated 15th March to 27th March 2021 organized by Dept of Science & Tech, Gov of India
- 15) Two week FDP on “Statistical Inference & Linear Algebra(Series I)” on dated (15th to 27th Feb 2021) organized by DBATU Lonere

- 16) FDP “Advances in Civil & Structural Engineering(ACSE-2020)” on dated 15th June to 19th June 2020 organized by Dept of Civil Engg, Govt College of Engg,Karad
- 17) FDP “Innovation to Academicians” on dated 11th May to 16th May 2020 organized by Dept of Science & Tech, Ramachandra college of Engg,(NewGen IEDC-RCE Eluru)
- 18) FDP “Performance of Engineering Structures Under Extream Loading” on dated 8th June to 13th June 2020 organized by Dept of Civil Engg, Vignana Bharati Institute of Technology ,Hyderabad
- 19) FDP“Research Methodology: Data Collection Methods, Research Tools & Techniques”on dated 9th June to 15th June 2020 organized by Research & Deveopment Cell,AISSMS’s IOIT,Pune
- 20) FDP “Stepping Towards Problem & Project Based Learning for Acadamic Excellence” on dated 9th June to 13th June 2020 organized by Dept of Mech Engg,Kolhapur Institute of Technology(Autonomous) Kolhapur
- 21) FDP on “QGIS” on dated 29th June to 4th July 2020 organized by Dept of Civi Engg,in association with Spoken Tutorial ,IIT-Bombay(PMMMNMTT),MHRD,Govt of India
- 22) FDP on “Research Methodology “ on dated 26th May to 30th May 2020 organized by Padm.Dr.V.B. Kolte College of Engg Malakapur Dist –Buldhana(M.S)
- 23) FDP on “Preparing for NBA Accreditation with case study of Course & Program Outcomes Attainment” on dated 28th May to 30th May 2020 organized by IQAC of AISSMS IOT, Pune & Association of Managements of Un-aided Engineering Colleges(Mah)
- 24) FDP on “Software Application & Research in Civil Engineering” on dated 13th to 17th july,2020 organized by Dept of Civil Engg, A.P. Shah Institute of Technology ,Thane
- 25) FDP on “Strategies & Techniques for Influential Teaching” on dated 22th to 24th July 2020 organized by Dept of Civil Engg, Hinusthan College of Engineering & Technology, Coimbatore
- 26) FDP on “Emerging Technologies in Civil Engineering & Applications (ETCA)” on dated 22th June to 26th June 2020 organized by Dept of Civil Engg,Vaageswari College of Engineering Karimnagar,Telangana
- 27) FDP on “Technologies for Infrastructure Planning,Design ,Monitoring & Management” on dated 16th June to 20th June, 2020 organized by Nalla Malla Reddy Engineering College, Hyderabad
- 28) National Level workshop on “Implementation of National Education Policy -2020” on dated 3 feb 2023 to 4 feb 2023 organized by G.H Raisoni college of Engineering & Management ,Pune
- 29) Workshop on “ Recent Developments in Underground Construction” on dated 29th & 30th Jan 2020 organized by Dept of Civil Engg, RMD Sinhghad Scool of Engineering Warje , Pune
- 30) “3rd online National Research Methodology Workshop” on

dated 11th May 2020 to 18th May 2020 organized by SJJTU, JHUNJHUNU-Rajsthan

- 31) “4th online National Research Methodology Workshop” on dated 19th May 2020 to 26th May 2020 organized by SJJTU, JHUNJHUNU-Rajsthan
- 32) Workshop on “Education-4.O- Session –II” on dated 28th May to 30th May 2020 organized by IQAC, Atharva College of Engineering Mumbai
- 33) STTP on “Practical Aspects of Civil Engineering” on dated 3rd Aug 2020 to 8th Aug 2020 organized by Dept of Civil Engg, Setu Institute of Technology ,Virudhunagar in Association With ISTE,New Delhi
- 34) STTP on “Advances in Finite Element Method for Industry & Research Application” on dated 23rd to 28th Nov 2020 organized by Dept of Civil Engg , Vasavi College of Engg(Autonomous) Hyderabad
- 35) STTP on Disaster Management & Mitigation (Phase I) on dated Aug 3 - Aug 8 ,2020 organized by Dept of Civil Engg, Dr N.G P Institute of Technology ,Coimbatore
- 36) STTP on Advances in Civil Engineering & Sustainable Infrastructural Development (ACESD-2020) on dated Nov 26-30 ,2020 organized by Dept of Civil Engg,Maulana Azad NIT , Bhopal
- 37) STTP on A Smart & Sustainable word in concrete & Structures on dated 4 June 2020 to 8 June 2020 organized by Dept of Civil Engg, AISSMS,Pune
- 38) STTP on Futuristic Prospects of Geoenvironmental & Geotechnical issues of Coal mine Overburden & Mile tailings on dated 15th to 18th March 2021 organized by Scheme for promotion of Academic & Research Collaboration(SPARC) ,MHRD ,Gov of India ---IIT Dhanbad
- 39) STTP on “Business Analytics” on dated 19th April to 24th April 2021 organized by Dept of Comp Science & Engg MCKVIE Liluah,Howrah
- 40) STTP on “Disaster Risk Management - Phase II” on dated 06th Dec 2021 to 11th Dec 2021.organized by Dept of Civil Engineering,University College of Engineering, BIT Campus, Anna University, Tiruchirappalli

Role and Responsibilities:

- Worked as Head of Dept
- FC Head
- FC Member
- Examiner
- Paper setter for University
- Project coordinator
- Departmental Library coordinator
- Departmental Term work coordinator
- Departmental NAAC /NBA Coordinator
- NAAC Criteria 4 head

Committee Involvement:

- Presiding officer in internal complaint committee under sexual harassment of women at workplace