

SHIVAJI UNIVERSITY, KOLHAPUR

DEPARTMENT OF TECHNOLOGY

Vidyanagar, **KOLHAPUR**- 416 004 (INDIA)

NAAC 'A' Grade with CGPA 3.16



Ms. P. P. Phadnis

Phone: +91 231 2609424 (O), Fax:

(**B.E. (Civil), M.Tech (Structural Engineering)**) Mob : +91 9890613492

Assistant Professor

E-mail: ppp_tech@unishivaji.ac.in

Birthdate: 05/01/1983 **Date of joining:** 06/07/2009 **Date of Superannuation:** 31/01/2043

Language competency: English, Marathi

Academic credentials: *Note: International (Intl.); National (Natl.); Grants in crore; Participation (Parti.)

Publicationbs: Intl. (<i>Natl.</i>)	6(05)	Citation index	0
<i>h</i> -index	0	<i>i</i> -10 index	0
Research Gate Score	0	Research Gate total impact points	0
IF range (Total) Average	0-5	Paper with IF >2(>5) >10	1
Research projects as PI (<i>Co-PI</i>)	0	Total Project grants	0
Patents	0	Invited talks	4
Research guidance: Ph.D (Total)	0	Research guidance : M. Phil/M.Sc.	1
Number of Books: Intl. (<i>Natl.</i>)	0	Conference organized (Convenor)	0
Conferences: Intl. Parti. (Attd.)	0	Conferences: Natl. Parti. (Attd.)	05
Training Prog. Attended Intl. (<i>Natl.</i>)	0(10)	Training prog. Organized Intl. (<i>Natl.</i>)	0(0)
Instrumental in active MoU Intl. (<i>Natl.</i>)	0	Experience-Teaching (Research)	09(04)
Member of Academic Body Intl. (<i>Natl.</i>)	01	Member of Editor. Board Intl. (<i>Natl.</i>)	0

❖ **Broad research areas:** Civil Engineering Structures

❖ **Specific research areas:**

1. **Seismic analysis of structures:** Nonlinear static analysis and nonlinear dynamic analysis of structures
2. **Steel-Concrete Composite structures:** Analysis and design of building and bridge

❖ **Benchmark achievements:**

Analysis and design of 3 span continuous steel-concrete composite bridge

❖ **Recognition:**

Member of NICEE, IIT, Kanpur

❖ **Representative 10 latest publications:**

1. **P. P. Phadnis**, S.N. Tande (2009), Analysis and Design of 3-span Continuous Steel-concrete Composite Bridge, ACSGE-2009, BITS Pilani, India
2. **P. P. Phadnis**, M.S. Salunkhe (2012) Continuous Steel-Concrete Construction for Bridge - an Efficient Solution National Conference on 'Emerging Technologies for Sustainable Developments (NCET)', Department of Technology, Shivaji University, Kolhapur.
3. **P. P. Phadnis**, Dr. D. K. Kulkarni (2013) Seismic Analysis of Multistoried RCC Building With Shear Wall, Proceeding of National Conference on Research and Development in Structural Engineering, RIT Sakharale, 133-141, ISBN: 978-81-923755-4-0
4. **P. P. Phadnis**, M.S. Salunkhe (2014) ANSYS in strength of Materials, National Conference on 'Emerging Trends in Engineering and Technology' at D.Y. Patil College of Engineering and Technology, Kolhapur, 35-39, ISBN: 978-81-920561-4-2.
5. O. P. Suryawanshi, **P.P. Phadnis** (2015), Water Resources Management for Sustainable Development of Sadale-Madale Village, Kolhapur, International Journal of Science and Research, (IF: 4.438), ISSN: 2319-7064

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6. **P. P. Phadnis**, Dr. D. K. Kulkarni (2016) Performance Evaluation of Composite Steel-Concrete shear wall, National conference on Computer Aided Analysis and Design of structures (CADDs-2016) Shri Dharmastala Manjunatheshwara College of Engineering and Technology, Dharwad.
7. **P. P. Phadnis**, Dr. D. K. Kulkarni (2016) Pushover Analysis of High Rise Reinforced Concrete Building with and without Infill walls, International Research Journal of Engineering and Technology (IRJET), Volume: 03, Issue: 12, e-ISSN: 2395 -0056, p-ISSN: 2395-0072.
8. **P. P. Phadnis** (2017) Choice Based Credit System, National Conference on Impact Assessment and Accreditation on Higher Professional Institutes (A2HPI) jointly organized by K.I.T.'s College of Engineering and Shivaji University, Kolhapur.

❖ Workshop Attended:

1. Participated in 2 weeks ISTE workshop on "Solar Photovoltaics: Fundamentals, Technologies and Applications", organized by IIT, Bombay sponsored by MHRD, 11th December 2011 to 22nd December 2011 at Department of Technology, Shivaji University, Kolhapur.
2. Participated in 2 weeks ISTE workshop on "Computational Fluid Dynamics", organized by IIT, Bombay sponsored by MHRD, during 12th June, 2012 to 22th June, 2012 at Department of Technology, Shivaji University, Kolhapur.
3. Participated in 2 weeks ISTE workshop on "Introduction to Research Methodologies" organized by IIT, Bombay sponsored by MHRD, during 25th June, 2012 to 4th July, 2012 Department of Technology, Shivaji University, Kolhapur.
4. Participated in 2 weeks ISTE workshop on "Engineering Thermodynamics", organized by IIT, Bombay sponsored by MHRD, during 11st December, 2012 to 21st December, 2012 Department of Technology, Shivaji University, Kolhapur.
5. Participated in 2 weeks AICTE sponsored Faculty development Programme on 'Structural Dynamics and Earthquake Engineering' at Department of Applied Mechanics, Walchand College of Engineering, Sangli, during 3rd June, 2013 to 15th June, 2013 Department of Technology, Shivaji University, Kolhapur.
6. Participated in 2 weeks ISTE workshop on "Engineering Mechanics", organized by IIT, Bombay sponsored by MHRD, during 26th November, 2013 to 6th December, 2013.
7. Participated in 2 weeks ISTE workshop on "Computer Programming", organized by IIT, Bombay sponsored by MHRD, during 16th June, 2014 to 23rd June, 2014 Department of Technology, Shivaji University, Kolhapur.
8. Participated in 2 weeks ISTE workshop on "Cyber Security", organized by IIT, Bombay sponsored by MHRD, during 10th – 20th July, 2014 Department of Technology, Shivaji University, Kolhapur.
9. Participated in 1 week Continuing Education and Quality Improvement Programme on 'Computing Techniques for Solving Engineering Problems' organized by Department of Technology, Shivaji University, Kolhapur during 18th February to 22nd February, 2015 sponsored by TEQIP.
10. Participated in 1 week Faculty development Programme 'Fundamentals of Structural Dynamics and Application to Earthquake Engineering', organized by Sajay Ghodawat Group of Institutions, Atigre during 7th December, 2015 to 12th December, 2015.

❖ M.Tech Thesis Guided

M.Tech Thesis Title: 'Techno-Social study of Watershed Management for Village in Kolhapur district'

Name of student: Mr. Omkar P. Surywanshi

❖ Additional computer skills:

1. AutoCAD, STAAD.PRO, ETABS, SAP, ANSYS

❖ Preparation and Development Absolute Grade Credit system for B.Tech

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❖ Design of Curriculum

1. Preparation and Development of syllabus for First Year B.Tech of subjects Engineering Mechanics and Fundamentals of Civil Engineering Syllabus
2. Preparation and Development of Second, Third and Final Year B.Tech Civil Engineering Syllabus

❖ Additional academic skills/activities: -

1. Working as a member of Admission Committee.
2. Working as in charge of Concrete Technology laboratory.
3. Working as library committee member for Civil Engineering.
4. Working as organizing committee member of Women's Day Programme.
5. Worked as Syllabi Coordinator since 2011 to May, 2016
6. Worked as organizing committee member for National Conference on Emerging Technologies for Sustainable Developments NCET-2012.
7. Worked as organizing committee Member for INSPIRE Science Camp 2012.
8. Worked as organizing committee Member for sports and cultural programs
9. Worked as organizing committee Member for Women's day program
10. Working as coordinator of Women's cell at Department of Technology, Shivaji University, Kolhapur.

❖ Additional social activities:

1. Blood Donation
2. Tree Plantation