

SHIVAJI UNIVERSITY, KOLHAPUR

DEPARTMENT OF TECHNOLOGY

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

NAAC 'A' Grade with CGPA 3.16



MR. Y. S. Vatkari Phone: +91 231 2692646 (H)

(B.E. (Civil), M.Tech.

Mob : +91 8087929901

Assistant Professor E-mail: ysvatkar2009@gmail.com

Birthdate: 26/12/1982 **Date of joining:** 01/07/2017

Language competency: English, Marathi

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

Publicationbs: Intl. (<i>Natl.</i>)	6(00)	Citation index	8
<i>h</i> -index	2	<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)	10(04)
Member of Academic Body Intl. (<i>Natl.</i>)	(0)	Member of Editor. Board Intl. (<i>Natl.</i>)	0

❖ **Broad research areas:** Civil Engineering

❖ **Specific research areas:**

1. **Environmental Engineering,**
2. **Concrete Technology and**
3. **Transportation Engineering.**

❖ **Representative 6 latest publications:**

1. **Y.S.Vatkar**, V.S.Kore, S.V.Kore, G.S. Kulkarni (2013), "Evaluation of Water Quality Indices for the Drinking Water of Engineering Colleges in Kolhapur city.", March-2013, Vol.4: Issue 2, ISSN: 2229-5518.
2. **Y.S.Vatkar**, M.H.Mota, S.S.Chougule, (2015), "Performance Evaluation of Urban Water Treatment Plant." April 2015, (Volume 4, Issue 4), ISSN: 2319-7064.
3. **Y.S.Vatkar**, (2016), "Assessment of WQI by weighted Arithmetic Index Method for Engineering colleges in Kolhapur City, Maharashtra, India", Aug 2016, (Volume 6, Issue 8), ISSN:2321-3361.
4. **Y.S.Vatkar**, (2016), "Assessment of WQI by weighted Arithmetic Index Method for Engineering colleges in Kolhapur City, Maharashtra, India" Aug 2016, (Volume 6, Issue 8), ISSN:2321-3361.
5. **Y.S.Vatkar**, N.S.Vatkar, (2016), "Bionic Eye A New Invention", Aug 2016, (Volume 6, Issue 8), ISSN:2321-3361.
6. **Y.S.Vatkar**, N.S.Vatkar, (2016), "Piezoelectric motors and it's applications", June 2016, (Volume 3, Issue 6), e-ISSN:2395-0056.

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❖ Workshop Attended:

- 1) Workshop on “Green Tech” organized by V.V.P. Institute of Engineering & Technology, Solapur and Dnyandeep Education & research Foundation, Sangli, held at V.V.P. Institute of Engineering & Technology, Solapur, 9th April, 2010.
- 2) National workshop on “Research Methodology in the Area of Social Exclusion and Discrimination”, organized by Shivaji University, Kolhapur, 30th -31st Aug, 2013.
- 3) Workshop on “Avishkar” organized by Shivaji University, Kolhapur and Shri Venkatesh Mahavidyalaya, Ichalkaranji, 14th Nov 2014.
- 4) Workshop on “Recent trends and opportunities in water sector and rural development” organized by Department of Technology, Kolhapur, 10th Dec, 2014.
- 5) Workshop on “Syllabus Revision of B.E. Civil Engineering, K.I.T.Kolhapur, 1th April, 2015.

❖ Guest lecture:

- 1) Theme selected in Dr. Bapuji Salunkhe Institute of Engineering & Technology, Kolhapur entitled “Recycling of waste in green building and rain water harvesting.” 14th Sep, 2012

Additional computer skills:

1. AutoCAD, MS-CIT, MS-Office, DIT (1-Year).

❖ Conference / STTP/FDP:

- 1) National conference on “Geography Information Systems and Applications” organized by The Indian Institute of Technology, Mumbai, 5th -12th July, 2010.
- 2) National conference on “Emerging Technology for Sustainable Developments” organized by Department of Technology, Kolhapur, 27th -28th Dec, 2012.
- 3) Faculty Development Programme on “Basics of Structural Dynamics and Seismic Design” , organized by ADCET, Ashta, 10th -22nd June, 2013.

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4) STTP Programme on “Environment pollution and protection”, Organized by Government Polytechnic, Kolhapur, 6th-10th Jan, 2014.

5) One week Faculty Development Programme on “Soft Skill Training”, organized by SITCOE, Yadrav, 26th Nov-1st Nov.2015.

6) One week Faculty Development Programme on “Pedagogy to Synergogy”, Organized by SITCOE, Yadrav, 07th May-11th May 2016.

❖ SEMINAR:

1) National seminar and exhibition on “Emerging Trends in Renewable & Non renewable Energy Technology” organized by Department of Technology, Kolhapur, 22th Oct, 2010.

❖ PARTICIPATION:

1) One Day participation in ACHARYA 2013, Organizes by DOT, SUK, 6th Sep 2013.

2) One week School to enterprise tie up (SETU) workshop, organized by Industry Institute Partnership cell, Yadrav, 26th May-30th May 2016.

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

❖ 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 and Third Year B.Tech Civil Engineering Syllabus

❖ Additional academic skills/activities: -

1. Working as a member of Admission Committee.
2. Working as in charge of Engineering Mechanics, Strength of Mechanics, Environmental engineering and Transportation Engineering laboratory.
3. Working as training programme officer for civil engineering department.
4. Worked as organizing committee member for National Conference on Emerging Technologies for Sustainable Developments NCET-(2016-17).
5. Worked as hospitality committee Member for National conference on “Emerging Technology for Sustainable Development (2012).
6. Worked as organizing committee Member for sports and cultural programs.
7. Worked as organizing committee in college gathering program.
8. Worked as departmental committee Member as NBA secretary (2015).

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❖ **Additional social activities:**

1. Blood Donation
2. Tree Plantation