

Faculty Profile

Personal Details

Name	Dr. Subhash Dhuraji Vikhe	
Designation	Associate Professor of Civil Engineering (CAS)	
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Academic Qualifications

Degree	Specialization	University	Year of passing
UG	B.E. (Civil and WM)	Dr. BAMU, Aurangabad	1994
PG	M.E. (Civil Engineering)	Dr. BAMU , Aurangabad	2005
Ph.D.	Civil Engineering	Dr. BAMU , Aurangabad	2017

Additional/Supporting Courses

- 1) Auto CAD 2000 (2D drafting) - Nov. 2004., at setup computer education, Aurangabad.
- 2) Course in practical design of R.C. building (G+3), at Institute of structural Engineering, Pune.
- 3) Computer programming in 'C' language (June 2004), at ACE computer, BEED.
- 4) Corporate Soft Skills diploma, (2015), at KILT Institute, Aurangabad.

Professional Experience

Stream	Years	Stream	Years
Teaching	21	Research	17
Extension	17	Administration	10
Industrial	10		

Area of Research/Interest

Short term strategies

- Design and Development of innovative lost cost materials for construction.
- Design and estimation of Silos.
- Use of Ferro-cement in agriculture.
- Use of Bamboo for various types of Farm Structures,

Long term strategies

- Optimization of design and estimation of Green House and Shade net house for protected cultivation
- Design and estimation of Silos for various soil strata's.

Research Accomplishments

Sr. No	Year	Title with full reference	Journal with volume & page number	ISSN No/NAAS rating
1.	2015-2016	Study of engineering properties of Fly Ash Bricks for Construction	International journal of Innovative Research in Science, Engineering and Technology, Vol.5(5),pp.8022-8025	Online 2319-8753 Print 2347-6710 Impact factor 8.423 UGC listed
2.	2015-2016	Identification of Suitable Sites for Water Conservation structures in a Watershed using RS and GIS Approach	International journal for Scientific research and Development, Vol.3(9),pp.45-48	2321-0613 Impact factor 4.39 Peer Reviewed
3.	2015-2016	Effect of He-Ne Laser Irradiation on Arachis Hypogaea Seed to Study Germination and Vigour Index.,	<i>International Journal of Physics Vol. 2 (1), pp. 1-9</i>	, ISSN:2347-419X Peer Reviewed
4.	2015-2016	Morphometric Analysis of a Basin Using Remote Sensing and GIS – A Review	International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5 (5), pp. 7029-7033.	Online 2319-8753 Print 2347-6710 Impact factor 8.423 UGC listed
5.	2015-2016	Impact of Domestic Rooftop Water Harvesting System on Groundwater Potential in Parbhani City, Maharashtra State	International Journal of Latest Technology in Engineering & Management (IJLTEM) Vol 1 (1). PP 01-05	ISSN: 2456-1770 www.ijltem.com Peer Reviewed
6.	2016-2017	Land Use /Land Cover Classification and Change Detection Using Geographical Information System: A Case Study	International Journal of Civil Engineering and Technology (IJCIET), Vol. 7 (3), pp. 329–336. (Scopus indexed). (Thomson Reuters ID)	Online 976-6316 Print 976-6308 Peer Reviewed IMPCT-9.78
7.	2016-2017	Assessment of Soil Erosion in Basin Using, USLE, GIS And Remote Sensing: A Case Study	International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development (IJCSEIERD), Vol.6(4), pp. 71–78.	Online 2249-6866 Print 2249-7978 Peer Reviewed NASS 3.01
8.	2016-2017	Impact of Domestic Rooftop Water Harvesting System on Groundwater Potential in Parbhani City, Maharashtra State	International Journal of Latest Technology in Engineering & Management , Vol.1 (1), PP .01-05	2456-1770 Peer Reviewed
9.	2017-2018	Land use planning for conservation measures of Basin using Remote Sensing and GIS Approach: A case study”, .	<i>International Journal Current World Environment.</i> (Thomson Reuters indexed). Vol.12(2), pp.436-444	ISSN:0973-4929 Impact factor 0.5 NAAS rating 6.5

10.	2018-2019	Design of Circular Silo Structure for Fodder Storage	Iconic Research and Engineering Journal Vol. 1 (12),68-71	ISSN: 2456-8880 Impact factor 5.86 Peer reviewed
11.	2018-2019	Feasibility Study of using Stone Dust as Substitute for Sand in Construction	International Journal of Innovative Research In Technology Volume 5 (3), 317-319	ISSN: 2349-6002, Impact factor 7.37 UGC approved
12.	2019-2020	Development of Modified crop Coefficients Based on Weather Parameters of Aurangabad for <i>Rabi</i> Crop	<i>Journal of Agricultural Research and Technology</i> . Vol.44(1),pp.31-35	NAAS rating 4.18 ISSN : 2230-9705.
13.	2019-2020	Development and Evaluation of Low-Cost Deep Litter Type Poultry House	Iconic Research and Engineering Journal, Vol. 3(8), 218-223	ISSN: 2456-8880 Impact factor 5.86 Peer reviewed
14.	2020-2021	Impact of Watershed Development Programme on Ground Water Recharge and Irrigation Potential in Various Watersheds	International Journal of Current Research in Multidisciplinary volume 5(7) pp.6-12.	ISSN(online): 2456-0979 Impact factor 3.66 Peer reviewed
15.	2020-2021	Feasibility Study on Red Brick and Fly Ash Brick Flooring for Dairy Housing	International Journal for Scientific Research & Development Volume 8, Issue 6,pp: 306-308.	ISSN (online): 2321-0613 Impact factor 4.39 Peer reviewed
16.	2020-2021	Use of Stone Dust in Artificial Sand	International Journal of Innovative Research Technology, volume 7 Issue 8, pp:73-76	ISSN: 2349-6002 Impact factor 7.37 UGC approved
17.	2022-2023	Identification of Groundwater Potential Zones of Catchment Using Geo-Spatial Technology	International Journal of Innovative Science and Research Technology, volume 7(8) pp.1956-1959.	ISSN(online): 2456-2165 Impact factor 7.17 Peer Reviewed

Credentials

Particulars	Numbers	Particulars	Numbers
Research Articles	36	Popular Articles	10
Books	Nil	Book chapters	03
Research Recommendations	06	Varieties Developed	Nil
Patents	Nil	Awards/Recognitions	4
Technical Publication	10	Abstracts	10

Exposure

Participation in Training/Symposia/Conference/Seminar	Numbers
1. National	15
2. International	02

Research Guidance

Degree	No. of student guided
M.Tech	01

Significant Achievements

Recommendations	Year
1. Optimal utilization of fly ash in bricks manufacturing	2010
2. Development of low cost deep litter type poultry house	2013
3. Study feasibility of stone crushed metal as substitute for sand in construction	2013
4. Red brick Flooring for dairy animals	2018
5. Design and Cost Estimation of Soak Pit for Domestic Roof Top Rain Water Harvesting System	2020
6. Development of spatial distribution maps for effective irrigation scheduling.	2022

Awards /Recognitions

S. N.	Items of Recognition	Year	Awarding Organization
1	Senate member of SRTMU, Nanded (M.S), on 03/02/2023	2023-2027	Hon .Governor Raj Bhavan, Mumbai
2	Research Guide (Category –II) 1. For Farm Structures 2. Soil and Water conservation Engg and 3. Irrigation and Drainage Engg.	2018-2019	VNMKV, Parbhani
3	PG Teacher (Category –I)	2010-2011	VNMKV, Parbhani
4	National merit scholarship	1990-1993	Govt .of Maharashtra

Additional Charges

1) Head of the department of Farm Structures, CAET, VNMKV, Parbhani.
2) Hostel Warden, Sahyadri Boy's Hostel of College of Agricultural Engineering, Parbhani.