Dr Akshaykumar Motilal Bhoi
Assistant Professor
MVPS's KBT College of Engineering, Nashik
Udoji Maratha Boarding Campus,
Near Aakashwani Tower, Gangapur Road, Nashik 422013

Research and Teaching Interest:
Structural Design, Concrete Technology, Sustainable Construction Materials, Waste utilization in construction.

Scopus ID:57205233467	**Google Scholar**: **H Index: 1**
ORCID: No:https://orcid.org/0000-0002-4349-2485	**Research Gate:**6 Citation
Web of Science Researcher ID : AAJ-8491-2021	
Publications: Total: 05 **Journals:**02	**Conferences:**03

Personal information:

Date of birth	25th April 1988
Present address:	Geetai, Sai Nagar, Dindori Road, Nashik
Email:	akshaybhoi@gmail.com
Mobile Number:	9168527700

Education Qualification:

Qualification	Institution	Board/University	Year of Passing	Percentage/ CGPA	Class
Ph.D.	Sardar Vallabhbhai National Institute of Technology	Sardar Vallabhbhai National Institute of Technology	2020	--	--
M.Tech.	Sardar Vallabhbhai National Institute of Technology	Sardar Vallabhbhai National Institute of Technology	2012	9.18	First Class with Distinction
B.E.	KarmaveerKakasahebWagh Institute of Engineering Education and Research	Pune University	2009	67.27	First Class with Distinction
HSC	K.R.T. Arts, B.H. Commerce and A.M. Science College, *Nashik*	Maharashtra State Board	2005	73.17	First Class

Consultancy project undertaken

1. Structural Condition Assessment of various residential structures
2. Soil Investigation for lift diversion Scheme No 3 and 4 on west flowing rivers to be diverted into Godavari basin, District Nashik.

Summary of Experience:

1. Assistant Professor, MVPS's KBT College of Engineering, Nashik

Reviewer of International Journals

1. Journal of Cleaner Production, Elsevier Publication

Research and Development:

1. Sustainable Concrete Production.

Courses Undertaken:

1. Advanced Concrete Technology, Swayam, 12 Weeks.
2. NBA Accreditation and Teaching - Learning in Engineering (NATE), Swayam, 12 weeks.
3. Grammar and Punctuation, Coursera.

Teaching Experience (Subject Thought) :

1. F.E. Basic Civil and Environmental Engineering
2. F. E. Engineering Mechanics
3. F.E. Environmental Studies II
4. S.E. Concrete Technology
5. T.E. Structural Design II (Practical)
6. B.E. Structural Design and Drawing III
7. M.E. Application of Statistical methods in Construction

Membership in Professional Organizations:

1. MIE (Member Institution of Engineers)

Computer Skills:

1. Microsoft Word
2. Microsoft Excel
3. Microsoft Powerpoint
4. Microsoft Teams
5. AutoCAD 2D and 3D
6. SAP 2000
7. Basics of C Programming language

Seminars /Workshops/Conference/Camps organized:

1. Workshop on concrete mix design.
2. Webinar onCareer Prospect in Indian Army after graduation.
3. Webinar on Reinforced Concrete Structural Design.

Faculty development programs (STTP/workshops/QIP) attended:

1. Education 4.0 -Construction Management Aspects
2. Education 4.0-Season II
3. Hands on with creatingand managing online teaching tools for teachers
4. Innovation and upgradation in infrastructural technology
5. Advances in civil engineering
6. Promoting quality culture in technical institutions
7. Emmerging trends in Industry 4.0
8. Qcad
9. NAAC revised accreditation framework 2020
10. Innovative teaching pedagogy in the technical institutions
11. Inculcating Universal Human Values in Technical Education
12. Empowering the moral values, ethics, and behavioural attitude in teaching skills among teachers
13. Improving excellence in teaching
14. Structural Health Monitoring and retrofitting rehabilitation of structure
15. Inculcating Universal Human Values in Technical Education

Journal Publication list:

1. Bhoi, A.M., Patil, Y.D., 2018. Properties of sustainable mortar with copper slag as fine aggregate. Int. J. Civ. Eng. Technol. 9, 315–322.
2. Bhoi, A.M., Patil, Y.D., Patil, H.S., Kadam, M.P., 2018. Feasibility Assessment of Incorporating Copper Slag as a Sand Substitute to Attain Sustainable Production Perspective in Concrete. Adv. Mater. Sci. Eng. 2018.

Conference Papers and Posters:

1. Sustainable self-compacting concrete using PET resin and copper slag, Advances in construction technology and management – 2021
2. Properties of sustainable concrete using copper slag at varying cement content, Advances in structural technologies, 2019
3. Sustainable Mortar Production by utilizing Post Consumed PET waste and Copper slag, Advances in structural technologies, 2019

Curricular/Co-curricular/Extra-curricular activities (Such as Lecture Delivered)

1. Mentor coordinator
2. Class coordinator
3. Departmental coordinator college magazineAbivyakti

Administrative Responsibilities:

1. Microsoft Teams for the Institute
2. IEI Coordinator
3. Departmental ERP Coordinator
4. Departmental Website Coordinator
5. Departmental Mentor Coordinator
6. UG computer lab in-charge

Career Aspirations:

1. Obtain fund for research and patents.
2. Contribution in the field of sustainable construction