


Dr. Madhura Chetan Aher Assistant professor MVP's KBTCOE, Gangapur road, Near pumping station, Nashik -13		
Research and Teaching Interest : Building Technology, Water resources Engineering, Project management, Hydrology.		
Google Scholar: H Index:1		
Research Gate: Citation		
Publications: Total : 28 Journals:16		Conferences:12
Personal information:		
Date of birth	30 th June 1982	
Present address:	1, Magmo Prakash, Housing Society, Sambhaji Chowk, Untawadi Road, Nashik	
Email:	aher.madhura@kbtcoe.org	
Mobile Number:	8888661001	

Education Qualification:

Qualification	Institution	Board/University	Year of Passing	%	Class
Ph.D.	SVNIT, Surat	SVNIT, Surat	2023	Awarded	Awarded
ME	SSVPS, College of Engineering	North Maharashtra University, Jalgaon	2014	71.95	First class with Distinction
BE	SGGS, College of Engineering	Swami Ramanad Tirth Marathwada, university	2004	68.12	First class with Distinction
HSC	Divisional Board, Latur	Divisional Board, Latur	1999	76.83	First class with Distinction

Patent Filed: 1

Summary of Experience:

1. Assistant Professor 11 years
2. Lecturer 4 years

Professional Experience:

1. 3 year

Teaching Experience (Subject Thought) :

1. FE. : Engineering Mechanics
2. SE.: Building Technology and materials, Architectural Planning & Design of buildings, Building technology & Architectural planning, soft Skills, Project management.
3. TE.: Project management & Engineering Economics, Employability Skill development, Honor Course (Sustainable Architecture and Landscape Design)
4. BE- Irrigation Drainage – Lab
5. M.E.: Management in Project Planning and Construction, Operation Research.
6. ME: Operation Research

Membership in Professional Organizations:

1. IET, ISTE, ACCE

Computer Skills:

1. AUTOCAD, QGIS

Seminars /Workshops/Conference/Camps organized:

1. STTP on Water resources Engineering
2. Lecture on Building Bye- laws
3. Seminar on Rain Water Harvesting
4. Online lecture on Digital Civil Engineering

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

1. 28

Journal Publication list:

1. Assessment of rainfall trend and variability of semi-arid regions of Upper and Middle Godavari basin, India.2021, Madhura Chetan Aher and S. M. Yadav, Journal of Water and Climate Change Vol 12 No 8, 3992 doi: 10.2166/wcc.2021.044.
2. Impact of land use-land cover change on spatio-temporal trends in seasonal stream flow and suspended sediment load of Godavari basin from 1969 to 2019. 2021, Madhura Chetan Aher and S. M. Yadav, Journal of Water and Climate Change Vol 00 No 0, 1 doi: 10.2166/wcc.2021.184.
3. Trend analysis of water flow and suspended sediment flow of Lower Godavari Basin, 2021, Madhura Chetan Aher and S. M. Yadav, River Hydraulics, Hydraulics, Water resources and Coastal Engineering, Water science and Technology Library, Springer Vol 2.
4. A Study of BOT, EPC and HAM Factor of Road Construction: An Overview, 2021, Mayuri Ashok Patil &M.C Aher, Wesleyan Journal of Research, Vol.15 No.15.

5. Evaluation of construction firms using Human Performance: an overview, 2021, Pooja Sunil Sagar & M.C Aher, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),10(1).
6. Survey on Utilization of Plastic Waste in Autoclave Aerated Concrete Block, 2021, Ketan Ushir & M.C. Aher, Journal of Innovative Research and Technologies (JETIR), Volume 8 Issue 3, ISSN: 2349-5162.
7. Construction waste management in construction industry: causes, effects, case study,2021, Lalit S Agrawal, Prof. Aher Madhura, International journal of advance scientific research & engineering trends, Volume 5, Issue 12 ISSN: 2456-0774.
8. To study green building to enhance the quality of living-case study, 2021, Mr. Kaustubh Pingale &Aher Madhura, Open access Journal of Science and Engineering, Volume 6, Issue 6, ISSN: 2456-3293.
9. To study green building to enhance the quality of living-case study, 2021, Mr. Kaustubh Pingale &Aher Madhura, International journal of advance scientific research & engineering trends, Volume 5, Issue 12June, ISSN: 2456-0774.
10. Green Retrofitting for old Buildings, 2020, Kunde Shubham Bhausahab & Mrs. M. C. Aher, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 9, Issue 7, ISSN: 2319-8753.
11. Identifying and ranking the tourist circuit using TOPSIS in Nandurbar district, Journal of Emerging Technologies and Innovative Research, 2020, Volume 7, Issue 7, ISSN-2349-5162, Mr. G. P. Chaudhari & M. C. Aher.
12. Infrastructure development for tourism at Nandurbar district,2020, Mr. G. P. Chaudhari & M. C. Aher, International Journal of creative research thoughts (IJCRTE), Volume 8, Issue, ISSN: 2320-2882.
13. Spatio Temporal Variation in Streamflow and Sediment Discharge in Middle Godavari Basin During 1969-2016, 2019, M.C. Aher & S.M. Yadav, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, 8(4).
14. Road Safety audit of Service Roads Adjacent to National Highway- 3 Passing through Nashik, 2017, International Journal of Advance Research in Science & Engineering, AnujiaWanjari & M.C Aher, 2(6), 578-583.
15. Building Proposed model for supplier's selection using multi criteria approaches, 2017, M.C. Aher, International journal for scientific Research and Management, 5(5).
16. Cost and risk analysis & its control of fast-track construction to sadhugram in Kumbhmela 2015 at Nashik, 2017. S.B. Khatale & M.C.Aher, International Journal Of innovative Research in Science and engineering, 3(3), 360-368.
17. Comparative study of successive factors of Residential and commercial projects in Nashik, 2016, P.S.Kothawade & M.C.Aher, IJARIT, 2(6), 1-7.
18. Risk analysis in construction scheduling, 2016, Kunal Musale & M.C. Aher IJARIT, 2(6), 1-10.
19. Residence Maintenance Priority and Reasons for sustainable management of Heritage buildings in Nashik, 2015, M.C.Aher, International Journal of Modern trends in Engineering & Research, 2(7).

Conference Papers and Posters:

1. Comparison of three trend detection methods for Hydrological parameters of Wainganga Basin, India, HYDRO INTERNATIONAL, SVNIT, Surat.2021
2. Trend analysis of Annual Rainfall data of Godavari Basin, HYDRO INTERNATIONAL, Usmania University, Hyderabad 2019.
3. Trend analysis of water flow and sediment flow of Lower Godavari basin, HYDRO INTERNATIONAL, NIT, Patna 2018.
4. Causes of delay & its effect in Road Construction, International Conference on Recent trends in Civil Engineering Science & Management, 24-26th March 2017.
5. Environmental Risk assessment for Residential projects, 4th International conference on Recent trends in Engineering & Technology, 2-4th July 2015.
6. Ergonomic analysis for construction workers on bridge site at Nashik, 4th International conference on Recent trends in Engineering & Technology, 2-4th July 2015.

Administrative Responsibilities:

1. PG co-ordinator
2. PG NBA co-ordinator
3. PG lab In-charge
4. NSS Co-coordinator
5. Member of Unnat Bharat Abhinyan
6. Senior Supervisor for SSPU examination
7. Member of Women's Redressal Cell
8. SE Class Co-ordinator
9. Engineering Mechanics lab in charge

Career Aspirations:

1. To become an expert in the field of climate change impact on River basins.
2. To do consultancy in water resources Engineering.