



Dr. Bindesh Nunia

Assistant Professor



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WORK EXPERIENCE

Experienced

AGE

30

ABOUT ME

- Working as an Assistant Professor since Sept. 2021 in the Dept. of Civil Engineering at G.H. Rasoni College of Engineering & Management, Jalgaon, Maharashtra.
- B.E in Civil Engineering from Nagpur University.
- Masters in Structural Engineering from **National Institute of Technology, Silchar.**
- **Ph.D. (Degree Awarded) in Civil Engineering from National Institute of Technology Silchar.**
- Ph.D. work includes: -
Bridge Structures Subjected to dynamic excitations from moving vehicle and road surface roughness.
Development of Impact Factor Expression for Balanced cantilever type Bridges.
- Qualified GATE in the year 2014



Education

• Doctor of Philosophy, Structural Engineering NIT Silchar, Assam	Degree Awarded (April 13, 2022)
• M.Tech in Structural Engineering NIT Silchar, Assam	Completed, May 2016 Marks 85.6 % Division I
• Bachelor of Engineering / Bachelor of Technology, Civil Engineering Nagpur University	Completed, June 2014 Marks 74.6 % Division I
• HSC - 12th, Science R.K.I.(Tripura Board) Kailashahar, Tripura	Completed, June 2010 Marks 53 % Division II
• SSC - 10th, Science B.P.H.S. (Tripura Board) Kailashahar, Tripura	Completed, June 2008 Marks 59.9 % Division II



Work Experience



September 2021 - Current Assistant Professor (NAAC A+ Accredited) G.H. Rasoni College of Engineering & Management, Jalgaon, Maharashtra.

- Took attendance, graded assignments and maintained student records to assist teachers with administrative tasks and maintain smooth daily operations.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
- Facilitated academic and community collaborations to increase number of community-engaged research proposal submissions to extramural funders.
- Collaborated with colleagues on curriculum revision, evaluation of course syllabi and lesson plans for Artificial Intelligence, Software Engineering, Theory of Computation, Discrete Mathematics curriculum.
- Helped struggling students by providing support outside of classrooms and consistently checking in on progress.
- Mentored students and communicated internship and employment opportunities.
- Applied innovative teaching methods to encourage student learning objectives.
- Organized Smart India Hackathon 2022 in the institution.
- Reviewed program materials and coordinated updates to keep department materials relevant and accurate.
- Performed research to serve as basis for academic writing for publication.
- Evaluated student progress through analysis of test scores and homework completion.
- Organized Training Program for Departmental Students.
- Organized International Guest Lecture.



Subjects Taught

- **Strength of materials**
- **Mechanics of materials**
- **Structural analysis**
- **Structural analysis and design**
- **Advanced Concrete Structural analysis and design**



Career Highlights

- 0.8 Years of experience in Teaching as Graduate and Post-Graduate Level.
- Hands-on experience on MATLAB, FORTRAN Computer Languages.
- Hands-on experience at the graduation and post-graduation level education facility
- Familiarity working at a College and University department
- Outstanding ability to handle syllabus at the undergraduate curriculum
- Remarkable ability to teach, inspire and develop young people
- Social Media influencer
- Excellent written and oral communication skills
- Sound knowledge of teaching methodologies
- Familiarity with scripting and computer programming operations
- Ability to maintain good rapport with students and faculty staffs
- Ability to Organize Workshops/ Seminars/ Webinars/ Trainings/ Conferences and Other activities for Institute.



Skills

Technology-Based Curriculum	<div></div>	Student Research Guidance	<div></div>
Student Progress Reporting	<div></div>	Online Learning Tools	<div></div>
Classroom Presentations	<div></div>	Academic Research	<div></div>
Lesson Planning	<div></div>	Goals and performance	<div></div>
Relationship Building with Jr. Collage's	<div></div>	Admission Counseling	<div></div>
Student counseling	<div></div>	Classroom management	
Curriculum Development	<div></div>	Academic advisement	<div></div>
Public Relations	<div></div>	Promotional Material Purchase	<div></div>
Conference's Organization and Promotions	<div></div>	Motivator	<div></div>



Computer Proficiency

Operating Systems

- Window Operating System

Software

- STAAT Pro
- MIDAS CIVIL
- MIDAS GTS NX
- MATLAB
- ABAQUS CAE



Publications (International)

1. Nunia B., Choudhury S., T. R. & Janardhan P, "Effect of vehicle speed and road surface roughness on the impact factor of simply supported bridges due to IRC Class A and B loading" SN Appl. Sci. (2020) doi:10.1007/s42452-020-2733-0.(**eSCI and Scopus**)
2. Nunia, B., Rahman, T. A Study of Vehicle-Bridge Dynamic Interaction due to Indian Road Congress (IRC) Class A and B Loading. Mech. Solids 55, 437–459 (2020). <https://doi.org/10.3103/S0025654420030115>.(**SCI**)
3. T Rahman and Bindesh Nunia,A new ground motion prediction model for Northeast India (NEI) shallow crustal. IOP Conference Series: Earth and Environmental Science, Volume 491, Issue 11.(**Scopus**)



Conference / Training /Workshop Organized

1. Bindesh Nunia, Prashanth J. and S. Choudhury, (2020), "Coupled Dynamic Analysis of Freestanding Bridge Pylon Subjected to Extreme Environmental Loads", 2nd ASCE India Conference on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" (CRSIDE2020), March 2-4, 2020, Hotel Novotel, Kolkata, India.
2. Bindesh Nonia et. al., "Design strategy of tunnel-12 passing through a regional Churachandpur-Mao- Fault in the Tupul Imphal B.G, line section in India.", ISBN 82-92641-40—8, Page-2320, Proceedings of The WTC (World Tunnel Congress) 2017.
3. Bindesh Nonia and T. Rahman, 2016. "A Comparative Study of a D-shaped Tunnel for Different Types of Soil", Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 5 : April - June, 2016.

Workshop/STTP/FDP Attended

1. Online Elementary FDP on "New Age Infrastructures: Their Analytical & Design Solutions (ATAL).
2. Workshop on Remote Sensing and GIS - Concepts and Career (11th September)
3. Certified Workshop on "Fluid Mechanics"
4. One - Week Workshop on "Earthquake Disaster Mitigation (EQDM-2019)" (16~ - 20 January'2019) under TEQIP - III)
5. One Week Workshop on Computational Technologies (CT - 2018) (Under TEQIP – III) August 16 - 20, 2018
6. One week International Workshop on Modelling, Simulation and Soft Computing (IWMSSC-2018)



Personal Details

Name: Dr. Bindesh Nunia

Marital Status: Unmarried

Nationality: Indian

Address: Bhadrapalli, Kailashahar,
Unokoti, Tripura,
Pin: 799277.
India

Professional Social Media Profile

- Research Gate: https://www.researchgate.net/profile/Bindesh_Nunia
- Google Scholar: <https://scholar.google.com/citations?user=XODZellIAAAAJ&hl=en>

Declaration

I, Bindesh Nunia, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Bindesh Nunia _____

Bindesh Nunia

Jalgaon, Maharashtra
25/04/2022