



Graduate Student Position Available (Fall 2025) in Civil Engineering at the University of New Orleans

Dr. Sarkar's research group in the Department of Civil and Environmental Engineering at the University of New Orleans (UNO) seeks highly motivated individuals to join a dynamic research team, starting in Fall 2025.

Research Areas:

- Structural dynamics, control, earthquake and wind engineering
- Structural health monitoring
- Energy harvesting

Qualifications:

- B.S. and M.S. degree in Civil Engineering, Structural Engineering, Mechanical Engineering or other related field. Students with M.S. strongly preferred for Ph.D., but students for direct admission to Ph.D. will be considered.
- Proficiency in MATLAB, Python, or other language
- Excellent written and oral communication skills
- An interest for interdisciplinary work and collaboration

About PI: Dr. Anika Sarkar is an Assistant Professor in the Department of Civil and Environmental Engineering at UNO. She is a civil/ structural engineer who integrates smart technologies to systems and infrastructure to mitigate vibration due to extreme dynamic events and harvest energy. Her research area focuses on structural dynamics, vibration control, experimental and numerical modeling of complex dynamic systems, energy harvester and structural health monitoring.

Application Instruction: Interested candidates should contact Dr. Anika Sarkar via email at asarkar2@uno.edu with the subject 'Prospective MS Student – your name' or 'Prospective PhD Student – your name'. Attach the following information:

- A full curriculum vitae
- Brief letter of interest with your research interest and previous experience
- Unofficial transcripts
- Sample publication (if available)
- TOEFL/GRE score (if applicable)

About New Orleans: The University of New Orleans, situated in a city renowned for its resilience and unique infrastructural challenges, provides a dynamic setting for impactful research in structural control. UNO's location allows the researcher to collaborate with local partners to develop and implement cutting-edge solutions for safer, more resilient infrastructure. UNO is also home to the Louisiana Wind Energy Hub, which is leading the charge in offshore wind energy in Louisiana and has established itself as a key center for research and innovation.