

Name of the Faculty Member: Mr. Haobam Derit Singh

Designation : Assistant Professor
Qualifications : M. Tech (*Structural Engineering*)
B. Tech (*Civil Engineering*)

Email ID : haobam.fet@mriu.edu.in
Experience : 2 Years+ (*Structural Designer*)



Research Interests:

1. Seismic Vulnerability Assessment of Structures.
2. Concrete Technology with special emphasis to Hybrid Concrete.
3. Wind Analysis of Tall buildings.

Journal Publication Details:

1. Haobam Derit Singh and Yaman Hooda, 2021, "*Vulnerability Assessment for Seismic Strengthening of an existing School Building in the Region of High Seismicity*", Iranian Journal of Science and Technology, Springer (Submitted) [**Scopus Indexed**].
2. Yaman Hooda and Haobam Derit Singh, 2021, "*Strength Parameters of Steel and Polymer Fibre – Reinforced Concrete*", Engineering Science and Technology, an International Journal, Elsevier. (Submitted) [**Scopus Indexed**].
3. Yaman Hooda and Haobam Derit Singh, 2020, "*Rheodynamic Concrete as a Progressive Viability in the field of Concrete Technology*", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3, DOI: 10.35940/ijeat.B3798.029320 [**Scopus Indexed**].

Administrative Responsibilities:

1. Department of Civil Engineering Industrial Training Coordinator, since October 2021.
2. Department of Civil Engineering Research and Development (R&D) Coordinator, since September 2021.
3. Department of Civil Engineering Fee Updation Coordinator, since September 2021.
4. Department of Civil Engineering Sessional Examination Coordinator, since September 2021.
5. Course Coordinator of following courses:
 - a. Introduction to Civil Engineering
 - b. Engineering Geology
 - c. Structural Engineering
 - d. Advanced Solid Mechanics
6. Departmental Club – "*The Sustainable Squad*" Coordinator, since August 2021.

Invited Lecture/ Session Chair:

1. Haobam Derit Singh, 2020, "*Importance of Scheduling in a Construction Project*", SGT University, Gurugram.
2. Haobam Derit Singh, 2020, "*Etabs and Vulnerability Assessment*", SGT University, Gurugram.

Event Organized:

1. Organized "*Techniek*" – *Engineer's Day Celebration 2021*" at Faculty of Engineering and Technology level on September 15, 2021.

FDPs/ STTPs Attended:

1. Moderated *One – Week Online ATAL, AICTE FDP on "Contemporary Advances in Sustainable and Integrated Infrastructure"*, organized by Department of Civil Engineering, Faculty of Engineering and

Technology, Manav Rachna International Institute of Research and Studies, Faridabad, Haryana from August 02, 2021 to August 06, 2021.

2. ***“Understanding Science Governing the Strength of Construction Materials”*** by Prof. B. Bhattacharjee, Department of Civil Engineering, IIT Delhi.
3. ***“Challenges in Concrete Technology”*** by Indian Concrete Institute – Bengaluru Centre.
4. ***“Challenges in Construction of World Tallest Statue – Statue of Unity”***, organized by Er. Rupesh Kumar, UltraTech Cement Limited.
5. ***“Green or Eco – friendly Concrete: Need or Alternative”***, organized by J. K. Cement and SGT University, Gurugram, Haryana.
6. ***“Retrofitting of Industrial Structures”***, organized by Mohamed Sathak A J College of Engineering, Anna University, Chennai.
7. ***“Future of Structural Engineering and Design Consultancies”***, organized by Amity University, Noida.
8. Online ***Certified Workshop on “Recent Advances in Science and Technology of Concrete”*** by IIT Madras.
9. Online ***Certified Workshop on “Resilience of Concrete Construction”*** by IIT Madras.
10. ***2 – Days Workshop on “STADD Pro: Connect Edition”*** on September 25, 2020 by Bentley Software Pvt. Ltd.
11. Online Certified Workshop on ***2D Drafting and Planning by Zonal Championship and E – Cell, IIT Bombay on January 30 – 31, 2020*** at SGT University, Gurugram.
12. ***Workshop conducted by RMC Group*** at their Construction Site in Greater Noida.
13. ***Workshop conducted by Ultratech Cement Pvt. Ltd.*** at their Batching Plant in Anantapur, Andhra Pradesh.