

**Five-Days Workshop**  
**on**  
**Introduction of Bridge Design**  
**Software**  
**(Concepts, Modeling, Analysis and Design of a**  
**Bridge in MIDAS CIVIL)**

**19<sup>th</sup> August to 23<sup>rd</sup> August 2024**

**Jointly organized by**



**MIDAS IT**  
**Mumbai-400705 (Maharashtra)**

**&**



**Department of Civil Engineering**  
**National Institute of Technology Hamirpur**  
**Hamirpur-177005 (H.P.)**

**About the Institute**

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7<sup>th</sup> August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26<sup>th</sup> June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to the National Institute of Technology. The Institute offers Bachelor, Master and Doctoral programs in Engineering, Sciences, Architecture, Management and Humanities.

**About the Department**

National Institute of Technology, Hamirpur was established in the year 1986 and the Civil Engineering Department is part of the institute since its inception. Civil Engineering is the branch with lot of diversity right from structural to transportation engineering, environmental to hydrology to hydraulics engineering, geology to geo-technology to earthquake engineering.

**About MIDAS**

**MIDAS** provides software solutions to engineers around the world. MIDAS software is applied in the construction, architectural, civil, structural, geotechnical and mechanical structural design process to simulate and optimize the design.

**MIDAS Academic Program:** The Platform looks to bridge the demand supply gap in the infrastructure industry by making students industry ready.

**Organizing Committee**

**Patron**

**Prof. (Dr.) Hiralal Murlidhar Suryawanshi**  
Director, NIT Hamirpur (H.P.)

**Chairperson**

**Dr. Vijay Kumar Bansal**  
Head, DoCE, NIT Hamirpur (H.P.)

**Co-Chairperson**

**Dr. Pardeep Kumar**  
Associate Professor, DoCE, NIT Hamirpur (H.P.)

**Convener & Treasurer**

**Dr. Amrit Kumar Roy**  
Associate Professor, DoCE, NIT Hamirpur (H.P.)

**Coordinators**

**Dr. Vimal Kumar**  
Assistant Professor, DoCE, NIT Hamirpur (H.P.)

**Dr. Aditi Chauhan**  
Assistant Professor, DoCE, NIT Hamirpur (H.P.)

**Organizing Members**

All the faculties and staff members of the Department of Civil Engineering, NIT Hamirpur (H.P.). and MIDAS IT.

**Important Dates**

- Last date (e-Registration): August 16<sup>th</sup>, 2024 on first-cum-first serve basis.
- Confirmation by E-mail: within 1-2 days after receiving complete registration form.
- Workshop Duration: August 19<sup>st</sup> to 23<sup>rd</sup>, 2024.

## About the Experts

**Mr. Aman Raghuwanshi, Technical Support Engineer, MIDAS** – His proficiency spans the design of bridges, from modest to extensive spans. An alumnus of the Indian Institute of Technology, Kharagpur, Mr. Aman earned his Master's in Structural Engineering and brings a wealth of knowledge from his tenure as a Bridge Design Engineer at L&T Construction.

**Mr. Mital Chovatiya, Technical Support Engineer, MIDAS** – His proficiency spans the design of minor as well as major bridges. An alumnus of the Indian Institute of Technology, Guwahati, Mr. Mital earned his Master's in Structural Engineering and brings wide range of expertise in the field of bridge engineering from his tenure as a structural engineer at L&T Construction.

## Topics to be Covered

- Modelling and Analysis of 2D & 3D Beams and Frames.
- Modelling and Analysis of Steel Bowstring Truss Bridge.
- Modeling and Analysis of PSC box Girder
- Load Combinations, Design & Report Generation.
- Introduction of Box Culvert Wizard. etc

## Prerequisite

- Complete the Beginners course – 2D Box Culvert – [Midas Civil Software.](https://academy.midasuser.in/home/course/1-beginners-2d-box-culvert/26)  
<https://academy.midasuser.in/home/course/1-beginners-2d-box-culvert/26>
- Laptop with good power backup / battery.

## Eligibility

This program is open to faculties, scientists, students, engineers and industrial personnel.

## e-Registration

Registration Fee (**Non-Refundable**): Fee shall be paid through SBI Collect only

- (a) Rs. 2000/- for UG, PG & PhD Student
- (b) Rs. 4500/- for the participants from Academia/R&D Labs, i.e. faculties, scientists.
- (c) Rs. 5000/- for the participants from Industry/Govt. Departments

(Registration fee includes teas during sessions and meals)

## How to Apply

Interested candidates must deposit the non-refundable registration fee through SBI collect (ONLY) with the following procedure:

- a. Go to SBI collect home page
- b. Select Category 'Educational Institutions'
- c. Search for Educational Institute 'NIT HAMIRPUR' against state Himachal Pradesh
- d. Select the payment category as **WORKSHOP FDP STC CONFERENCE**.
- e. Generate the payment slip and save it.
- f. Fill out the registration form available at the following link and also upload the soft copy of the payment slip.
- g. Click 'Submit' icon on google form

<https://forms.gle/MxjXxEWhDohUihjB6>

\*Registration link will be closed once the participants limit is reached. Therefore, ensure the link is open before payment of the registration fee. \*The applications will be accepted on first-cum-first serve basis. \*Venue: Deptt. of Civil Engg., NIT Hamirpur

## Accommodation

Registered participants can directly email for a guest room at Satpura Hostel, NIT Hamirpur on a payment & and first come first serve basis (Email: [wardensatpura@nith.ac.in](mailto:wardensatpura@nith.ac.in)). It will be confirmed based on the availability. Contact person: Mr. Happy, Mob. +91-97365-11573.

## Certification

Certificates/e-certificates will be provided to the participants fulfilling the min. attendance criteria.

## Contact Details

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