



Department of Architecture and Planning  
National Institute of Technology Calicut  
NITC Campus P.O. - 673601, Kozhikode



PRESENTS'  
ONE WEEK HYBRID NATIONAL WORKSHOP ON  
BIMAEC 2023

# INTRODUCTION TO BUILDING INFORMATION MODELING (BIM) IN ARCHITECTURE , ENGINEERING AND CONSTRUCTION

DIGITAL INNOVATION IN CONSTRUCTION  
22ND TO 27TH JULY 2023

Technology transforms how buildings and infrastructure are designed, constructed, and operated. It is helping to improve decision-making and performance across the building and infrastructure lifecycle. BIM (Building Information Modeling) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.

## TOPICS COVERED

- Conceptual design
- Massing modelling
- Documentation
- Visualization
- Project Management
- Construction coordination
- Detailed Architectural Design Estimation

## HANDS ON TRAINING :



BIM 360



NAVISWORKS



REVIT



PRIMAVERA



**AUTODESK** e-Certificates will be given to the participants\*.

## CO-ORDINATORS:

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## REGISTRATION FEE (all-inclusive)

Students UG/PG	• Rs. 2400
Academicians/ Professionals	• Rs. 3000
International Students	• \$ 45
International Academicians/ Professionals	• \$ 50

### Discount for Group Registrations:

- Group of 5 to 10 - 5%
- Group of 10 to 19 - 10%
- Group of 20+ - 15%

**Note : In case of Group Payments , the person of contact shall collect and pay the total amount on behalf of whole group.**

## PAYMENT QR CODE

UPI ID :  
bimaec2023.189@sbi



## RESOURCE PERSONS

Experts from National Institute of Technology, Calicut , BIM Labs and Industry Experts shall conduct the classes and lab sessions.

Maximum Seats: 70  
(30 Offline+ 40 Online)

## ACCOMMODATION

The accommodation facility of the participants appearing for the program in offline mode , is not included in the registration fee . For availing accommodation contact us on the given email id.

## TARGET GROUP

UG, PG Students, Industry Professionals from Architecture and Civil Engineering backgrounds. Faculty members from various Engineering, and Architecture Colleges/ Institutions.

## REGISTRATION PROCESS

**STEP 1 :** Click on the Google Form link given below for Registration.

<https://forms.gle/xqEsTWi6CVH8i9GZ7>

**STEP 2 :** Choose ' **Individual** ' for single person registration or ' **Group** ' for group registration.

**STEP 3 :** Fill in the required Information.

**STEP 4 :** Pay the final amount on the QR code provided below.

**STEP 5 :** Complete the payment and add the payment proof to the given form link.

**NOTE : The registration fee is non-refundable.**

## SCHEDULE

1/07/23	-	Registration Starts
20/07/23	-	Registration Closes
22/07/23	-	Introduction to BIM and BIM workflow, Managing templates and file types , Create basic architectural floors , plans, stairs , roof , etc.
23/07/23	-	Conceptual architectural modelling using Revit ( Mass Modelling )
24/07/23	-	Detailed Documentation and estimation from the model.
25/07/23	-	Project management in primavera.
26/07/23	-	4D simulation using Navisworks and Constructional document management in BIM 360.
27/06/23	-	Introduction to MEP modelling and final submission

## EXPECTED OUTCOME

- Skill Development - Exposure to BIM intense hands-on learning experience
- Autodesk Certification
- Establishing a link with the industry in this expert domain
- Familiarity of the interface and software's through hands on training

## CONTACT US

Email : bimaec23@nitc.ac.in

Website : <https://nkigl.github.io/BIMAEC2023/website.html>