



# **BMS Institute of Technology and Management**

(AN AUTONOMOUS INSTITUTE UNDER VTU)  
Avalahalli, Bengaluru – 560064

## **Department of Civil Engineering**

**INTRODUCING**

**An**

**OPEN COURSE**

**On**

## **“PLANNING AND DRAWING OF RESIDENTIAL BUILDING”**

**June 12<sup>th</sup> – June 16<sup>th</sup>, 2023**

**5 Days**

### **DEPARTMENT OF CIVIL ENGINEERING**

The department offers UG program in Civil Engineering with the vision “To be an Exemplary Centre, disseminating quality education and developing technically competent civil engineers with professional integrity for the betterment of society”. The department has grown tremendously over the years and has established all the laboratories providing necessary infrastructure for various research projects. The department has active student chapters of INDIAN CONCRETE INSTITUTE and INDIA WATER WORKS ASSOCIATION. The department also provides consultancy services to the government and non-government agencies. Many alumni of the department are working at prestigious positions in various organizations of repute.

## **COURSE DESCRIPTION**

Every individuals are interested to have a good hold over the concept of residential buildings, they need to be very much clear about basic techniques and laws. A residential building can be considered as any kind of building which can be used for dwelling purposes. Technically this is the building where more than half of the floor area will be used for the dwelling purpose then, it will be considered a residential building. Residential building is a development where full functional living units are constructed having essential incorporations like room(s) with kitchen and washroom (s) with variable options like Hall, Dining space, Store room, utility space, washing area, etc. In the present course, it was planned to deliver the knowledge on a home design using Auto Cad with one-to-one interaction. This course should act as ideal preparation for all those looking forward to enhancing their knowledge in the field as it is related to every individual.

Venue: Lab CR: 205, 2nd Floor and CAD Lab  
Department of Civil Engineering , Lab Block

### **Coordinator(s)**

**Dr. Vinod B R**

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**Register Course at:** <https://projects.bmsit.ac.in>

### **Registration fee Details:**

1. Login into: <https://bmsitm.gnums.in>
2. Go to Menu Fee->other Fee
3. Select fee head as Open course fee and pay Rs.400/-.

**ELIGIBILITY FOR ENROLMENT: PARTICIPANTS MUST HAVE  
LAPTOP TO REGISTER THIS OPEN COURSE**

## Department of Civil Engineering

### Course Schedule: “PLANNING AND DRAWING OF RESIDENTIAL BUILDING”

*12<sup>th</sup> June 2023 to 16<sup>th</sup> June 2023*

Sl No.	Date	Topics covered	Break	Topics covered	Break	Topics covered	Assessment/feedback
		8:30 to 10:30 am	10:30 to 10:50 am	10:50 to 12:50 pm	12:50 to 1:50 pm	2:00 to 4:00 pm	4:00 pm to 4:30 pm
1	12.06.2023	Overview of the Course and Introduction to Residential Building Planning	TEA BREAK	Introduction to Residential Building Planning	LUNCH BREAK	Vastu Concept in Building	Overall Feedback & Assessment
2	13.06.2023	Introduction to Building Planning and Bye-laws		Introduction to Building Planning and Bye-laws		Development of plan for 2 and 3 Bed room house, drawing/Hand Sketches	Overall Feedback & Assessment
3	14.06.2023	Introduction to Building services (MEP-Mechanical, Electricity and Plumbing)		Introduction to Building services (MEP-Mechanical, Electricity and Plumbing)		Building Materials concept	Overall Feedback & Assessment
4	15.06.2023	Introduction to AutoCAD Tools		Introduction to AutoCAD Tools		Hands-on with AutoCAD Tools	Overall Feedback & Assessment
5	16.06.2023	Project Creation		Project Creation		<b>Project Creation and Submission</b>	Overall Feedback & Assessment

#### Instructions to the Participants:

1. Prerequisite: Students shall bring laptop.