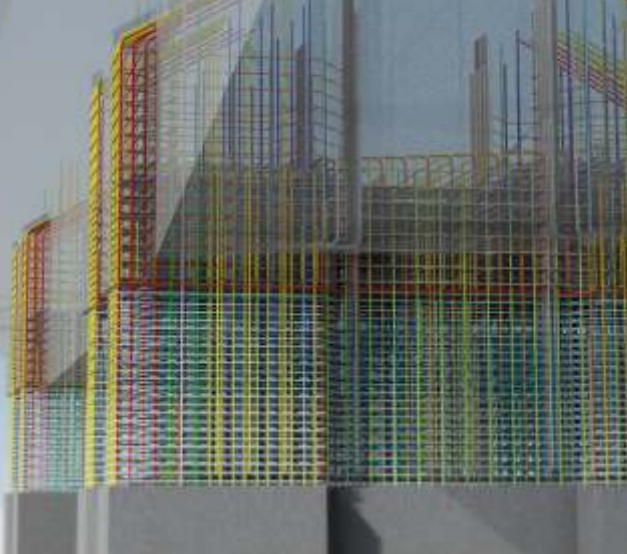





Department Of Civil Engineering

BUILDING INFORMATION MODELLING (BIM) IN CONSTRUCTION



 www.iimtindia.net

 Plot no. 19 & 20, Knowledge Park III,
Greater Noida (U.P.)

 contact_gn@iimtindia.net

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NEWSLETTER**

From Chief Editor's Desk



Prof. Tabassum Abbasi
HOD Dept. of CE

Construction Management Practice has undergone a sea change with the development of software tools and applications in Computer Science. Building Information Modelling is a Construction Management tool to resolve complex clashes and problems in Building Construction. This BIM technology helps to foresee any problem in advance and look for a solution even before a problem occurs.

BIM helps to visualize the unconstructed part of the building before-hand and plan in advance even before the actual construction takes place, to avoid dismantling and re-work in case of any clash. I hope the students and readers would find this Newsletter very informative enriched with latest advanced tools and technology in Building Construction Management.

(Dr.) Tabassum Abbasi
Chief Editor & HOD Dept. of CE

Whatever The Mind Can
Conceive
And Believe The Mind Can
Achieve

July-Sept. 2023

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BIM facilitates new Dimension in Construction

What is Building Information Modelling ?

It is a collection and amalgamation of digital version of architecture , engineering and construction. BIM is an intelligent 3D-Model based engineering tool which provides digital representation of a facility`s aesthetic , physical and functional relationship.

BIM helps Construction Project Management professionals plan , design and build construction projects. Design and Construction details are available in one place using cloud-based software .It helps teams and stakeholders to work in unison and communicate with ease .

BIM facilitates precise planning , early detection of collision, project visualization, good-quality work and other Building Information easily accessible .

BIM Models are of two Types

- (a) **Construction BIM** – It gives information about material , schedule and budgets .
- (b) **Performance BIM** – This provides detailed information Building`s performance like energy consumption , acoustics , air quality , temperature and thermal conductivity .



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Teacher's Day Celebration

Date:- 05/09/2023

The teacher's day was celebrated at the campus at C.V.Raman Hall of IIMT Group Of Colleges on 5th September to express the gratitude for the immense contribution put forth by the teachers. The event started with welcoming and greeting the faculty members.



The poster for the Teacher's Day celebration features the IIMT Group of Colleges logo at the top right, with the motto "Greater Wisdom - Greater Aim For Excellence". The main text reads "Let's Celebrate HAPPY Teacher's DAY on 05th Sep-2023" and includes a portrait of Dr. Sarvepalli Radhakrishnan with the quote "The true teachers are those who help us think for ourselves". A table of activities and times is provided, along with the venue, coordinators, and an invitation for all members of the "IIMT PARIVAAR".

| ACTIVITY | TIME |
|--|---------------------|
| Cultural Program | 02:30 PM - 03:30 PM |
| Cake Cutting | 03:30 PM - 04:00 PM |
| Best Employee Certificate Distribution | 04:00 PM - 04:15 PM |
| Address By Hon'ble GD Sir | 04:15 PM - 04:30 PM |
| High Tea | 04:30 PM - 05:00 PM |

VENUE
CV RAMAN Hall, Second Floor, Engineering (A Block)

COORDINATORS
DR. TABASSUM ABBASI (HOD - CE)
MS. SMIT TROPATHI (MANAGER - HR)

ALL MEMBERS OF "IIMT PARIVAAR" ARE INVITED

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There were many cultural events performed by faculties like singing ,dancing ,poems many more. The certificates of the Best employee of the month from Jan-May,2023 was also given to the concern faculties by Prof (Dr) JK Sharma, Executive Director. Some forthcoming HR policies were also discussed which will be implemented from September, 2023.



Teacher's Day Celebration in Progress

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Football Tournament Organised By ASHRAE India

IIMT ASHRAE India Chapter feels glad to share glimpses of the 3rd Edition of the Inter College Football Tournament held on 16th September 2023, in Memory of Lt. Sh. N.C. Gupta- the Legend in the HVAC fraternity. Sports give a unique example of how to handle disappointment and bad luck. The event was a huge success and was attended by Mr. Sunil Gupta- S/O Sh. N.C. Gupta, apart from the other dignitaries like Mr. Abid Husain, Mr. Richie Mittal, Mr. Kanagaraj Ganesan, Mr. Rajesh Jain, Dr. Rajinder Singh, Mr. Abhishek Jain, Mr. Ashish Gupta, Mr. W. Siddiqui, Mr. Ankit Anand, Mr. Rakesh Chauhan- Director Hisense, Mr. N. Gandhi-Hisense, Mr. Nitish Mathur of DRI, Mr. P. Jain - Airflow, and also SBAs like Mr. Satyaveer Singh-IIMT College of engineering, Dr. Vaibhav Jain - MAIT College, graced the event. The participating teams were RICS School of Built Environment, Amity University, Pusa Institute of Technology, Delhi Technological University, IIMT College of engineering, Sharda University and ABES Engineering College. The winner of the Tournament was Sharda University and 1st runner-up was the Amity University and 2nd runner-up was the IIMT College of engineering, Greater Noida.



IIMT Students At The Tournament Venue

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Quiz Competition

On Wednesday, 27th September 2023, a Quiz Competition on Building Material was organised by Department of Civil Engineering by the faculty coordinator Mr. Harendra Singh Bhati, Assistant Professor, Department of Civil Engineering.

In this event a total 55 students took part. The topic was on the basics of Building Material. The aim of the competition was to enhance the general knowledge of the students and to involve them in the extra-curricular activity.

Winners of The event were

| | | |
|---|----------------|----------|
| 1 | Roman Kumar | 4th Year |
| 2 | Jatin Verma | 3rd Year |
| 3 | Pranjal Aarsha | 3rd Year |



The poster for the IIMT College of Engineering Greater Noida quiz competition on Building Material. It features the college logo and name at the top, followed by the department name. The main title 'QUIZ!' is in large, 3D red letters, with 'competition on BUILDING MATERIAL' below it. The date and time are listed as 27th September, 2023, from 10:00 AM to 11:00 AM. Faculty coordinators are Dr. Tabassum Akhtri and Mr. Harendra Singh Bhati. Student coordinators are Gaurav Sinha and Rishav Kumar. The website www.iimtindia.net and social media icons are at the bottom.

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Session On Application Of Smart Technologies In Construction Project

On 19 Sep 2023, the Department of Civil Engineering organized a session on APPLICATION OF SMART TECHNOLOGIES IN CONSTRUCTION PROJECT. The resource person for the IIC activity session was Mr. Manish Khilori-President Operations & MD (Protecon BTG Pvt Ltd). There were 48 students present in the session. The session provided an opportunity to students to learn the process of coordinating and overseeing all the tasks involved in a project to achieve specific goals within a defined scope, budget, and timeline. It involved an insight about the project requirements, creating a detailed project plan, allocating resources, managing risks, and monitoring progress to ensure the project's successful completion.



Students Attending the Session

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Department Of Civil Engineering



CHIEF EDITOR

Prof. Tabassum Abbasi
HOD, CE

CO-EDITOR

Mr. Sanjeeva Narain Singh
(A.P.,CE Deptt.)

Mr.Satyaveer Singh
(A.P.,CE Deptt.)

Ms Mona Khosla
(A.P.,CE Deptt.)

STUDENT EDITOR

Mr. Gourav Kumar (4th year) | Mr. Praksh (3rd Year)

Greater Noida Campus

Mob. : +91 9911009144 | +91 9717015300

Plot no. 19 & 20, Knowledge Park III, Greater Noida (U.P.)