

Samvaad-2018

BUILDING INFORMATION MODELING

Building Information Modelling (BIM) is a process that involves the generation and management of the information about a facility. BIM allows for great integration and collaboration among different building professionals of various disciplines to explore digitally, and can be used throughout the entire building process from design stage through construction stage and even post construction building management. Currently, majority of the smart cities have to be submitted in BIM format for regulatory approval. This 5 days Certification Course in BIM Modelling (Architecture / Structure / MEP track) aims to develop BIM capability and capacity in the industry so that firms could be ready for the full BIM implementation by 2019.



A total of 21 participants from various fields (Institutional, Industrial, UG/ PG students) has participated in one week STTP program held at Aditya silver oak institute of technology sponsored by GUJCOST and DST.

BUILDING INFORMATION MODELING SCHEDULE

DAY	TIME	TOPIC COVERED	EXPERT	DISCRIPTION OF TOPIC COVERED
DAY-1 24/12/2018	11:45 AM to 12:45 PM	Introduction and Basics of Building Information Modelling (BIM)	Mr. Ankit Kansara Virtual Building Studio	After completing the inauguration ceremony of SAMVAAD-18, our first session was conducted by Mr. Ankit Kansara, Director, visual building studio. He explained the necessity and importance of BIM in current construction industry. He explained the benefits of BIM in today compared to past situations. How easily BIM can solve conflicts used to generate in construction industry. In the last session of the day one, he covered fields of basic modelling in Revit.
	01:45 PM to 3:15 PM	Building Information Modelling (BIM) Process and its Application	Mr. Ankit Kansara Virtual Building Studio	
	3:30 PM to 4:30 PM	Practice session on BIM Modelling	Mr. Ankit Kansara Virtual Building Studio	

DAY-2 26/12/2018	10:30 AM to 12:00 Noon	BIM Architecture with Revit	Mr. Arjun Sangadia Virtual Building Studio	On the day two, Our expert Mr. Arjun Sanghadia started his session with Architecture modelling in Revit with introduction of LOD, 4D, 5D, 6D & 7D concepts of BIM modeling. And the session has been ended with hands on practice of small real time project.
	01:00 PM to 2:30 PM	Introduction of LOD,4D	Mr. Dhruv Prajapati Virtual Building Studio	
	2:45 PM to 4:15 PM	Practice session on BIM work	Mr. Ankit Kansara Virtual Building Studio	
DAY-3 27/12/2018	10:30 AM to 12:00 Noon	Introduction of Revit family	Mr. Jainik Joshi Virtual Building Studio	On the day three, Our expert Mr. Jainik Joshi started his session with Structural modeling using same architectural plan, which they have created in day two session, with family creation and different structural parameters. And the session has been ended with hands on practice of small real time project.
	01:00 PM to 2:30 PM	Family Creation and Different parameters	Mr. Saurab Nahar Virtual Building Studio	
	2:45 PM to 4:15 PM	Practice session on REVIT	Mr. Ankit Kansara Virtual Building Studio	
DAY-4 28/12/2018	10:30 AM to 12:00 Noon	Real time Project formation and verification	Mr. Bhushan Awashthi Hi Tech	On day four the session was started by Mr. Bhushan Awashthi, Director, Hi-Tech solutions. In the session he covered the important points in executing the BIM based projects with point cloud formation and the acceptance of BIM modelling in various field around the globe. And the session concluded with hands on practice on point cloud of actual data received by the surveyor
	01:00 PM to 2:30 PM	Hands on practice for BIM components	Mr. Deep Patel Hi Tech	
	2:45 PM to 4:15 PM	BIM Around the Globe	Mr. Ankit Kansara Virtual Building Studio	
DAY-5 29/12/2018	10:30 AM to 12:00 Noon	BIM MEPF introduction	Mr. Vivek Dubey Virtual Building Studio	On the day five, Our expert Mr. Vivek Dubey started his session with MEPF (Mechanical, Electrical, Plumbing and Firefighting) introduction and system creation in Revit using same architectural and structural plan, which they have created in day two and day three session which is continued with hands on practice. And the session has been ended with Valedictory Function and certificate distribution on successfully completion of one week STTP.
	01:00 PM to 2:30 PM	System creation in Revit	Mr. Mehul Vaghela Virtual Building Studio	
	2:45 PM to 4:15 PM	Valedictory Function		

Glimpse of the one week STTP are here





