



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NIBA

DEPARTMENT OF CIVIL ENGINEERING

&

Association of Consulting Civil Engineers (INDIA)

Organizes



One Day Workshop

On

BENGALURU
CENTRE

**'RICS' – Effective use of BIM in Construction
Management**

By

Mr. Kaushik Bhattacharjee

RICS School of Built Environment

Amity University

Mumbai

Date: 27.09.2019

Time: 10.00 AM

Venue

Room No: C 203

Department of Civil Engineering

All are cordially invited



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Department of Civil Engineering

CIRCULAR

Date: 24.09.19

All the students of VII (A & B) semester are informed to attend the Workshop titled 'RICS'- Effective use of BIM in Construction Management" on 27.09.2019 from 10.00 A M.

The venue is Room No: C-203, Department of Civil Engineering.

Dr. Niranjana P S
Professor and Head
Department of Civil Engineering
NHCE.

To
The Principal
New Horizon college of Engineering
Bangalore

Date: 22.09.2019

Through Professor and Head, Department of Civil Engineering

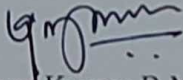
Respected sir,

Subject: Permission to conduct workshop titled 'RICS' – Effective use of BIM in Construction Management in association with ACCE

The department of Civil Engineering would like to organize a workshop on the above topic. The resource person Mr. Kaushik Bhattacharjee, RICS School of Built Environment, Amity University, Mumbai. The workshop is scheduled on 27.09.2019 at 10.00 AM in the department of civil engineering.

Hence I request for your permission for the successful conduction of the lecture.

Thanking you



Dr. Vinay Kumar B M
Associate Professor
Department of civil engineering, NHCE

Dr. Niranjana P S
Professor & HOD
Department of
civil engineering,
NHCE

Ref: NHCE/CV/2019-20/Workshop/

To
Mr. Kaushik Bhattacharjee
RICS School of Built Environment
Amity University, Mumbai

Date: 29.09.2019

Dear sir,

Subject: Regarding workshop titled 'RICS' – Effective use of BIM in Construction Management in association with ACCE

We are extremely pleased to have you as a resource person for workshop titled, '**RICS**' – **Effective use of BIM in Construction Management**, conducted on 28.09.2019 for VII semester students. The students, as well as faculties have been immensely benefitted by your expertise on this topic. Your session was informative and interactive and has created a lot of interest amongst the students in the topic you had covered.

Hoping for further participation from your end in workshops/ Expert lectures/ symposium that would be arranged in our institution.

Thanking you



Dr. Niranjan P S
Professor & HOD
Department of
civil engineering,
NHCE



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Department of Civil Engineering

Ref: NHCE/CV/2019-20/Workshop/Rep/

Date: 28.09.2019

REPORT

The Workshop was held on 27.09.2019 for ~~P and~~ 7th Semester Civil Engineering students. The Program began with an invocation song by group of students. The welcome address was given by **Dr. Giriprasad C**, Sr. Assistant Professor, Department of Civil Engineering.

Dr. P S Niranjana, Professor, and Head spoke about the importance of the skillset requirements among civil engineers.

The Resource person was introduced to the participants by **Mr. Surendra B V**, Associate Professor of Civil Engineering Department.

Mr. Kaushik Bhattacharjee, the Resource person, deliberated the whole session with case studies and brain storming sessions involving active participation of the students in many related hands on activities.

The Vote of thanks was delivered by **Dr. Vinay Kumar B M**, Associate Professor, Department of Civil Engineering.

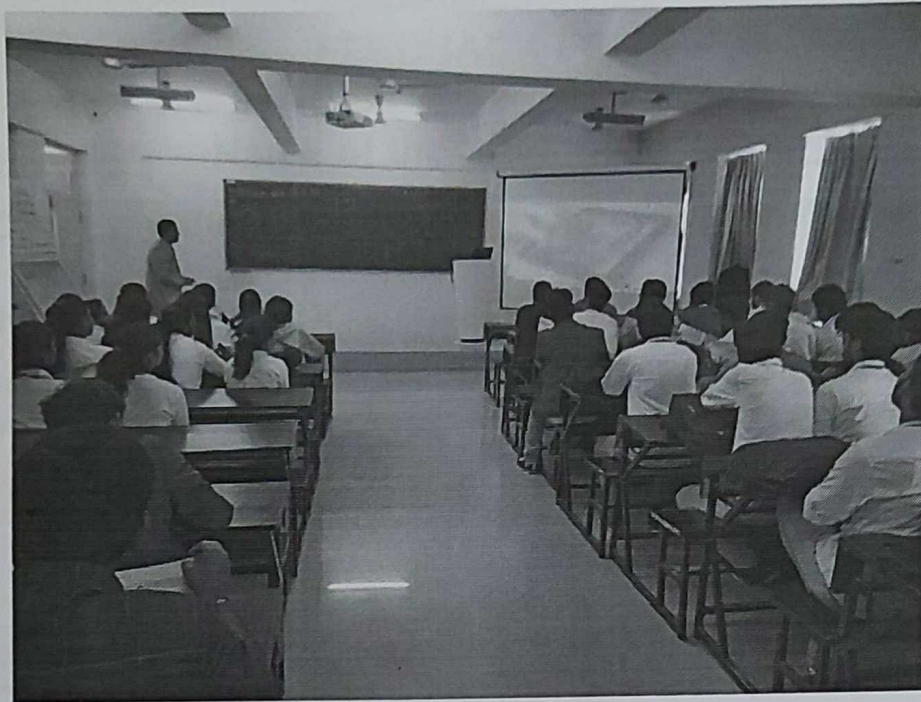
The excerpt of his Workshop is as follows:

Building information modeling (BIM) is one of the most promising recent developments in the architecture, engineering, and construction (AEC) industry. With BIM technology, an accurate virtual model of a building is digitally constructed. This model, known as a building information model, can be used for planning, design, construction, and operation of the facility. It helps architects, engineers, and constructors visualize what is to be built in a simulated environment to identify any potential design, construction, or operational issues.

The architecture, engineering, and construction (AEC) industry has long sought techniques to decrease project cost, increase productivity and quality, and reduce project delivery time. Building information modeling (BIM) offers the potential to achieve these objectives. BIM simulates the construction project in a virtual environment. With BIM technology, an accurate virtual model of a building, known as a building information model, is digitally constructed. When completed, the building information model contains precise geometry and relevant data needed to support the design, procurement, fabrication, and construction activities required to realize the building. After completion, this model can be used for operations and maintenance purposes.

A building information model characterizes the geometry, spatial relationships, geographic information, quantities and properties of building elements, cost estimates, material inventories, and project schedule. The model can be used to demonstrate the entire building life cycle. As a result, quantities and shared properties of materials can be readily extracted. Scopes of work can be easily isolated and defined. Systems, assemblies, and sequences can be shown in a relative scale within the entire facility or group of facilities. Construction documents such as drawings, procurement details, submittal processes, and other specifications can be easily interrelated.

BIM can be viewed as a virtual process that encompasses all aspects, disciplines, and systems of a facility within a single, virtual model, allowing all design team members (owners, architects, engineers, contractors, subcontractors, and suppliers) to collaborate more accurately and efficiently than using traditional processes. As the model is being created, team members are constantly refining and adjusting their portions according to project specifications and design changes to ensure the model is as accurate as possible before the project physically breaks ground.



Resource person Mr. Kaushik Bhattacharjee addressing the students



Mr. Kaushik Bhattacharjee discussing with students


HOD-CIVIL

NEW HORIZON COLLEGE OF ENGINEERING

Department of Civil Engineering

FEEDBACK FORM

USN. Adarsh. H.R Name of the Student: Adarsh H.A

Topic: 'RICS'- Effective use of BIM in Construction Management"

Name of the Speaker: Mr. Kaushik Bhattacharjee

If you attended the lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

Please '(Tick ✓)' the option you find most suitable.

SL .No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the event?	✓			
2.	How relevant was the content discussed by the speaker?	✓			
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?		✓		
5.	How was your preparation about the topic before the session?		✓		
6.	Did the session cover what you were expecting?	✓			
7.	What is your opinion about the speaker?	✓			
8.	How much this session was useful from the knowledge and information point of view		✓		
9.	Overall effectiveness of the program	✓			

Additional comments and suggestions for future

Date: _____

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
VII SEM - A SEC ODD SEM 2019-20

SL	USN	STUDENT NAME	Signature
1	1NH14CV091	RAHUL KUMAR CHAURASIA	
2	1NH14CV100	SANDEEP R	
3	1NH14CV142	K MADHAN	
4	1NH14CV150	SUSHANT BIKRAM SINGH	
5	1NH15CV073	MOHITH C	
6	1NH15CV102	ROSHAN CHAUDHARY	
7	1NH15CV104	S SHIVA PRASAD	
8	1NH16CV001	AASHIK VARMA S	
9	1NH16CV003	ABHISHEK L	
10	1NH16CV004	ABHISHEK.M.R	
11	1NH16CV005	ABINAND R.	
12	1NH16CV007	AHIAAN WANI	
13	1NH16CV008	AISHWARYA MANOJ	
14	1NH16CV009	ALISHA PRIYA R	
15	1NH16CV010	AMAAN KHAN	
16	1NH16CV012	AMIT KUMAR	
17	1NH16CV013	ANAND S KOTNOOR	
18	1NH16CV015	ANIKET GUPTA	
19	1NH16CV018	ASIWA KATH	
20	1NH16CV020	BASAVARAJ D BIRADAR	
21	1NH16CV021	BEMANADHAM VISHNU VARDHAN REDDY	
22	1NH16CV022	BUVAN S REDDY	
23	1NH16CV023	SUMANTH. C	
24	1NH16CV024	CHENNURU PRASANNA KUMAR REDDY	
25	1NH16CV025	CHETHAN KUMAR M	
26	1NH16CV026	CHETHAN.M.K	
27	1NH16CV027	CHINMAY M	
28	1NH16CV028	CHRISTO GEO JOSE	
29	1NH16CV029	D G CHETAN	
30	1NH16CV030	D.S.ASMITA	
31	1NH16CV031	DARSHAN SM	
32	1NH16CV032	DEEPAK	
33	1NH16CV034	DEERAJ T	
34	1NH16CV037	DIVYA SHIVASHANKARAPPA KAMBALI	
35	1NH16CV038	GALLANTSON LOUREMBAM	
36	1NH16CV040	GOWTHAM.C.N	
37	1NH16CV041	H.M MD ASGAR BAIG	
38	1NH16CV042	JAI GANESH REDDY.P	
39	1NH16CV043	ASIF	

SL	USN	STUDENT NAME	Signature
40	1NH16CV044	JAYANTH.D.V	
41	1NH16CV045	JENNIFER ROSE BIJU	
42	1NH16CV048	KASHINATH.B.J	
43	1NH16CV049	KEERTHAN R	
44	1NH16CV050	KISHORE HOSAMANE	
45	1NH16CV051	KON JARBIN	
46	1NH16CV052	KUMMARI VISWA TEJA	
47	1NH16CV055	LAVANYA P	
48	1NH16CV058	M JEEVAN	
49	1NH16CV059	MAHENDRAN A M	
50	1NH16CV060	MAINAK DATTA GUPTA	
51	1NH16CV061	MALLIKARJUN	
52	1NH16CV062	MANIKYA H M	
53	1NH16CV063	MANJUNATH .S.VISHWAKARMA	
54	1NH16CV065	MANOJ C	
55	1NH16CV066	MARCIA KHING	
56	1NH16CV067	MOHAMMED K.P	
57	1NH16CV068	MOHAMMED NOAMAN BAIG	
58	1NH16CV070	MOHAN KUMAR HOSAMANE	
59	1NH16CV071	NAVITH KUMAR.T.S	
60	1NH16CV073	OK CHAND	
61	1NH16CV138	PAWAN KUMAR GUPTA	
62	1NH16CV139	VINAY KUMAR GUPTA	
63	1NH16CV140	DEEKSHITH V	
64	1NH16CV142	SUDHARSHAN MADHAVAN	
65	1NH16CV143	PRERANA SHASHI KUMAR	
66	1NH17CV411	OWAIS NAZIR	

HOD