



SRI VENKATESWARA COLLEGE OF ENGINEERING

(an Autonomous Institution affiliated to Anna University, Chennai)
Pennalur, Sriperumbudur Tk - 602117

DEPARTMENT OF CIVIL ENGINEERING

Report of Webinar on “Building Information Modeling and Case Studies of Academic Projects”

Date : Tuesday, 24th November 2020

Time : 1:00 pm - 2:00 pm

Meeting Link: <https://meet.google.com/dtk-ywzv-xif>

Speaker

Ms. Sameera Salim

Senior Technical Engineer

BIMLABS Engineering Service Pvt. Ltd.,

Trivandrum

Convenor & Organising Secretary

Dr.R.Kumutha, Professor & Head/Civil Engg.

Coordinator

Ms.Ruby Freya, Assistant Professor/ Civil Engg

Target Audience :Internal Faculty members

Number of Participants benefited: 12

BROCHURE

SRI VENKATESWARA COLLEGE OF ENGINEERING



Sriperumbudur - 602117

An Autonomous Institution – Affiliated to Anna University



DEPARTMENT OF CIVIL ENGINEERING

In association with



BIMLABS ENGINEERING SERVICE PVT.LTD, TRIVANDRUM

Cordially invites you for the Webinar on

Building Information Modeling and Case Studies of Academic Projects

Speaker

Ms.Sameera Salim

Senior Technical Engineer

BIMLABS Engineering Service Pvt. LTD, Trivandrum



24th November 2020

2:00 to 3.00 P.M.

Coordinator
Ms. Ruby Freya, AP/ Civil

Convener & Organising Secretary
Dr.R.Kumutha , HOD /Civil

Google meet link : meet.google.com/dtk-ywzv-xif

Target Audience : Faculty members

E Certificate will be provided for all participants

PROFILE OF THE COMPANY AND SPEAKER

Company Profile

BIMLABS stands for Building Information Modeling where we offer the aspiring professionals, a platform to the insight and tools to efficiently planning, designing, constructing and managing buildings and infrastructure. By providing it through worlds most accepted technology, they make sure to impart knowledge in the most updated form.

Building Information Modeling (BIM) is a 3D driven technology which helps in designing, constructing and operating buildings and infrastructures. By being the first to provide certificate courses in it. BIMLABS trains the aspiring professionals in it by making them well knowledged and equipped with the intelligent 3D model based process. BIM has become a mandatory part of the construction industry where the integrated tools help the professionals in making decisions regarding the lifecycle of the infrastructure and buildings. A professional seeking job in civil engineering and construction projects can be ahead of other candidates by taking maximum benefits of BIM.

Speaker Profile



Ms. Sameera Salim, Senior Technical Engineer, BIMLABS Engineering Service Pvt. Ltd., is an experienced Senior Technical Engineer with a demonstrated history of working in the professional training & coaching industry. Skilled in Building Information Modeling (BIM) and Architectural Design. Bachelor of Technology focused in Civil Engineering from John Cox Memorial CSI Institute of Technology, Kannammoola, Thiruvananthapuram.

BRIEF REPORT OF THE WEBINAR

The Seminar started with a welcome note and the introduction of the speaker Ms.Sameera Salim to the Participants by Dr.R.Kumutha, Professor & Head/ Civil Engineering & Convenor of this Program. Ms.Sameera Salim, Senior Technical Engineer, BIMLABS Engineering Service Pvt. Ltd. presented about BIM and its applications.

BIM is a process involving the generation and management of digital representations of physical and functional characteristics of places which in turn aid AEC Professional to plan, construct and manage Buildings and infrastructure more efficiently. BIM includes the different processes in construction like the analysis, documentation, fabrication, construction 4D/5D, construction logistics, operation and maintenance, renovation, programming, conceptual design, detailed design and the maintenance phases. This technology is used worldwide and can be accessed from anywhere. Few case studies were discussed regarding the usage of BIM.

The session ended with a vote of thanks delivered by Dr.R.Kumutha, Professor and Head, Civil Engineering. The participants also interacted well with the speakers and they had appreciated the webinar series.

SNAPSHOTS DURING THE WEBINAR

REC b bimlabs TE is presenting

PLAN BUILD OPERATE

Conceptual Design Detailed Design Analysis Documentation Fabrication Construction 4D/5D Operation & Maintenance Renovation Construction Logistics Programming

BIM Building Information Modeling

bimlabs TE SATHYAPRIY... SELVAKUMA... HARISWARA... KALAIVANNA... HOD Civil SVCE

Methodology

- BIM Workflow in Concept development, Model Development.
- Detailed work analysis of the steel frame construction
- Creation of parametric objects for Steel frame components such as walls, floors and bracings during the design phase
- Method to Visualize and track Preconstruction & Tracking of Progress in Build Stage.

b bimlabs TE

Dynamo tower

HOD CIVIL SVCE

List of participants

S.No	Name	Department
1	K. SathyaPriya	Civil Engineering
2	G. Arun	Civil Engineering
3	R. Mathiyazhagan	Civil Engineering
4	R. Kalaivannan	Civil Engineering
5	Dr. R. Sathia	Civil Engineering
6	Mr. S. Diravia Balan	Civil Engineering
7	Dr. P. Venkateswara Rao	Civil Engineering
8	Mr. S. Hariswaran	Civil Engineering
9	Dr. M. Selvakumar	Civil Engineering
10	Ms. S. Bhuvaneshwari	Civil Engineering
11	Mr. R. Rajesh	Civil Engineering
12	Ms. R. Saktheeswari	Information Technology

SAMPLE CERTIFICATE



CERTIFICATE OF PARTICIPATION

THANK YOU!

Thank you for participating in this Autodesk® Authorized Academic Partner® event. Autodesk's vision is to help people imagine, design, and create a better world.

Certificate No. AP702481096335794772598

RUBY FREYA

PARTICIPANT NAME

BIM AND ACADEMIC PROJECT CASE STUDIES

EVENT

SRI VENKATESWARA COLLEGE OF
ENGINEERING, CHENNAI

26-NOVEMBER-2020

EVENT LOCATION

DATE

BIMLABS ENGINEERING SERVICES PRIVATE LIMITED, KAZHAKKODIYAM

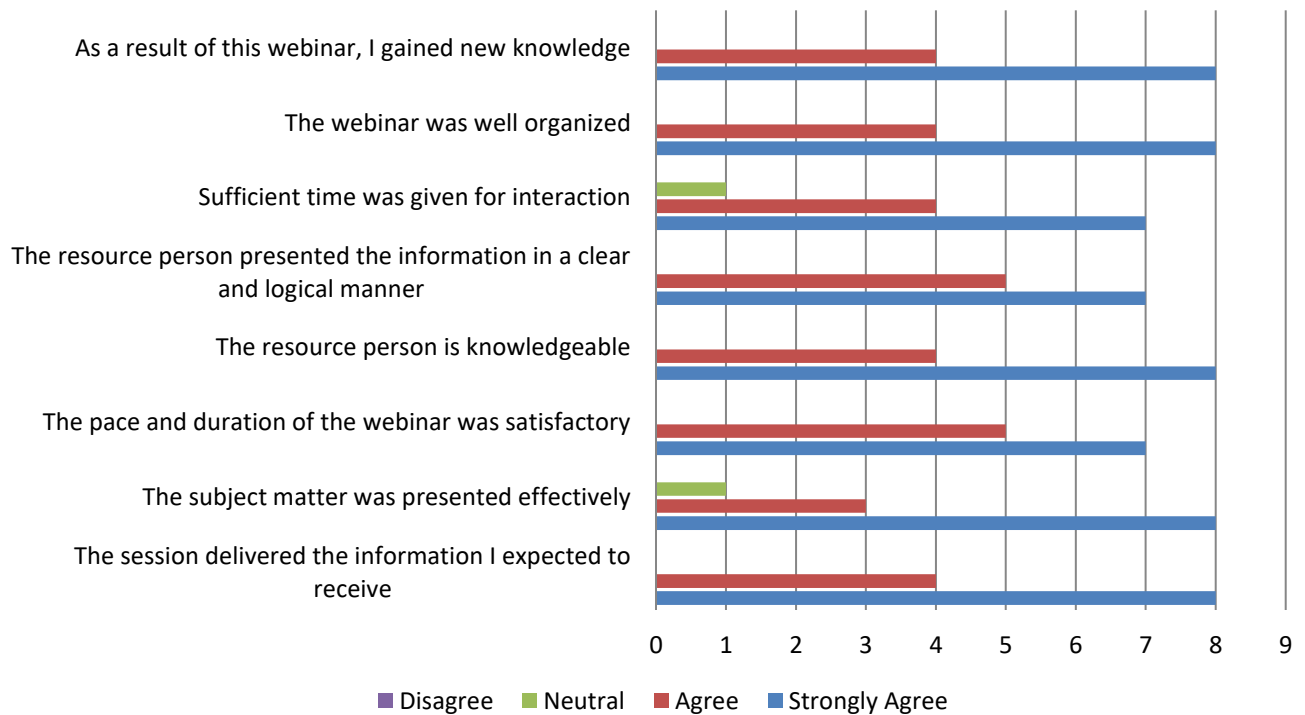
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SUMMARY OF FEEDBACK

Total Number of respondents:12				
Feedback	Strongly Agree	Agree	Neutral	Disagree
The session delivered the information I expected to receive	8	4	-	-
The subject matter was presented effectively	8	3	1	-
The pace and duration of the webinar was satisfactory	7	5	-	-
The resource person is knowledgeable	8	4	-	-
The resource person presented the information in a clear and logical manner	7	5	-	-
Sufficient time was given for interaction	7	4	1	-
The webinar was well organized	8	4	-	-
As a result of this webinar, I gained new knowledge	8	4	-	-

Summary of Feedback



Additional comments/feedback from participants:

- It was a very useful and informative session.
- Got to know that BIM can be used in the design of transport infrastructures
- Got exposed to BIM concepts.



Prepared By

Ms.Ruby Freya (AP/Civil Engg.)

Coordinator



Approved By

Dr.R.Kumutha (HoD/Civil Engg.)

Convenor & Organising Secretary