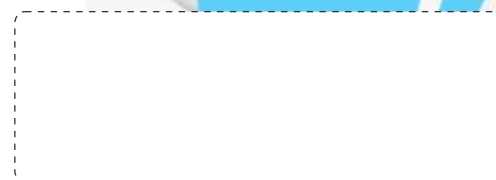


CADDZOOM

MONTHLY NEWSLETTER
YOUR CAD / CAM HIGHWAY

If undelivered, please return to:



TOLL FREE: 1800 425 0405

FIRST TIME EVER IN INDIA!
1000 JOBS
IN 100 DAYS
FOR CADD QUEST PARTICIPANTS



CADD Quest is a one hour simple test for Math, Basic English and General Aptitude skills.

Here's your chance to be one in a thousand.
Register now!

JOB GUARANTEE
FOR
1000 STUDENTS

+

SCHOLARSHIPS
of up to
50%

Andhra Pradesh & Telangana- 7th, 8th, 21st & 22nd January 2017
Kerala- 14th, 15th, 21st & 22nd January 2017 | Rajasthan- 21st, 22nd, 28th & 29th January 2017



Scan this QR code to **Register**



CADD Centre is back again with an initiative to help students develop their career in the core fields. Taking the torch forward this year, CADD Quest 2017 brings some new and attractive opportunities.

So, what's New!

It is the India's biggest talent search initiative to identify and reward talents. Designed for the meritorious students, this annual scholarship program assists them to build their dream career. Apart from the scholarships, CADD Quest brings something more for you this year!

On securing high scores, you bag a straight 50% discount on CADD courses, also if you are a top scorer; you get a job position as a CADD Centre.

All about the Test

This is a one-hour test with 50 objective type questions comprising of Basic Aptitude, Simple Math, and General Knowledge.

The CQ test can be given via an online or a desktop module. The CADD Quest successfully concluded recently in Tamil Nadu and Karnataka and soon will be conducted in the states mentioned below.

Andhra Pradesh & Telangana- 7th, 8th, 21st & 22nd Jan 2017
Kerala- 14th, 15th, 21st & 22nd Jan 2017
Rajasthan- 21st, 22nd, 28th & 29th Jan 2017

In the case you missed the test, you still have chance to appear and grab the recruitment opportunities. For more details visit <https://www.caddcentre.com/caddquest>

Demonetization: A Valuable Movement in Education Sector

Money has a vital role to play in the education sector. From paying fees to the institute, admission fees, transportation charges and much more. However, with the incoming of demonetization policy, money transfer activities have been sorted to a major extent. In addition, the system no more has to engage with cash management as online and machine transfer has made significant space in this demonetization phase. The demonetization is making a significant impact on the education sector in the following ways:

- ₹ The biggest noticeable impact being transparency in the admission process. Demonetization has made it difficult for the educational institutes to accept cash donations.
- ₹ Fall of interest rate in banks was a huge matter of concern and thus, making educational loans cheaper in comparison to earlier.
- ₹ Apparently, private tuitions or coaching centers use to prefer tuition fees in cash. However, demonization drive has forced them to accept payments in digital payments and other forms.
- ₹ Some of the expensive education can be made more affordable without the capitation fee.

Demonetization is a definitely to bring the most consistent use of payment through the banking system and increase in tax collection by India's population. Hence, the tax collection should result in better infrastructure, increase in teacher's salaries and overall lift in the education sector.



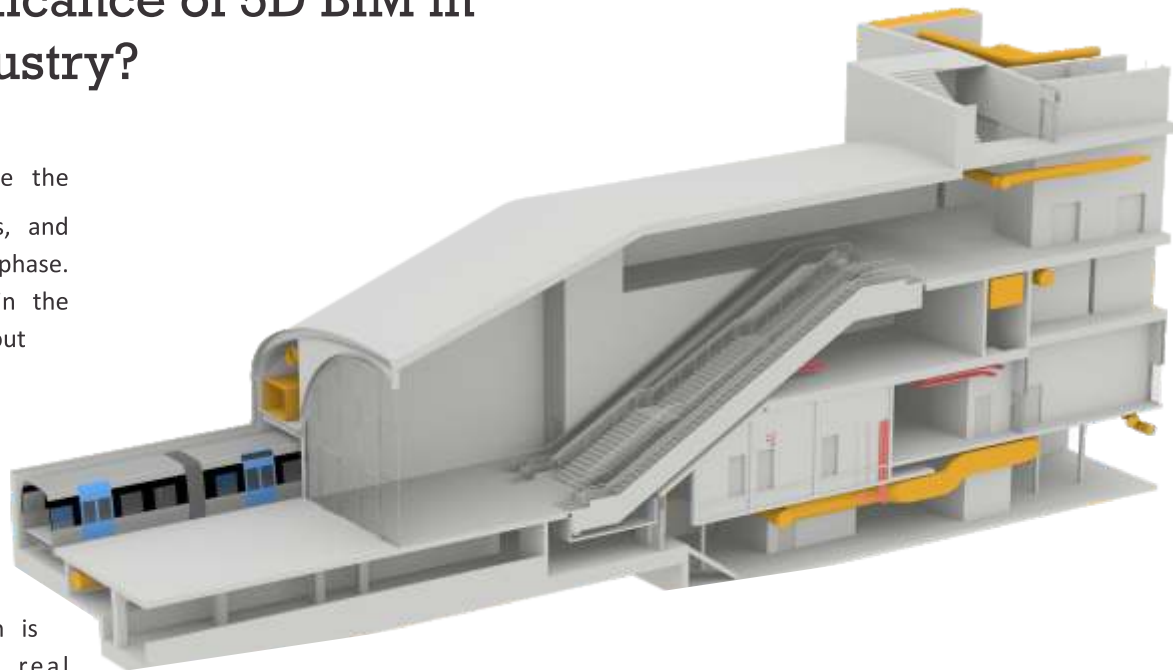
What is 5D BIM?

What is the Significance of 5D BIM in Construction Industry?

BIM is significant to enhance the productivity of architects, managers, and contractors during the construction phase. Furthermore, the people involved in the construction industry could not miss out to what they can get out of BIM.

The pre-construction phase involves owners and architects discussing the design, infrastructure and several changes required in the existing model. Therefore, the discussion takes place over the rough sketch which is ineffective to determine the real requirements and cannot fill the gap between conceptual design and final one. Relating cost data for estimating the cost and similar planning is called 5D BIM. The cost includes purchasing, installing, running, and renewal cost. 5th Dimension BIM (Building Information Modeling) is efficient and will help in extracting information from BIM ready virtual building models.

It is imperative to observe that pre-construction time involves unplanned, insufficient information that could stretch the time taken for construction and increases cost. Nevertheless, pre-construction time and developing of design is very important as it is about meeting the requirements of the owner, cost estimates and completing the project efficiently. 5D BIM will support the object of owners, architects, builders, and engineers to build the design and carry out cost estimation process more effectively.



Here are more benefits of 5D BIM for the construction industry:

- 1 When information related to exact scheduling of each activity and cost is easily available then contractors cannot miss any deadline. Reworks are minimized and each worker is aware of his/her work that led to the completion of the project on time.
- 2 Since cloud technology is added to BIM, contractors and project managers will be able to access data anywhere and convey it to subordinates for the changes in design or plan.
- 3 Making alterations in the information according to project requirements is possible with 5D BIM. Extracting of meaningful and reliable information is the objective to avoid any discrepancy.
- 4 The proper allocation of information in graphs and data sheets helps managers and owners to utilize the information and meet the schedule on time. Therefore, every equipment is put to definite use in the right manner and increases the efficiency of all the resources.

5D BIM fits perfect for design-build delivery as it can retrieve the building components from the built models and put in comparison against current cost structure. This feature will help in saving a lot of time spent on calculating entire project cost. In addition, when single equipment is eliminated or replaced, the revised cost will appear automatically.

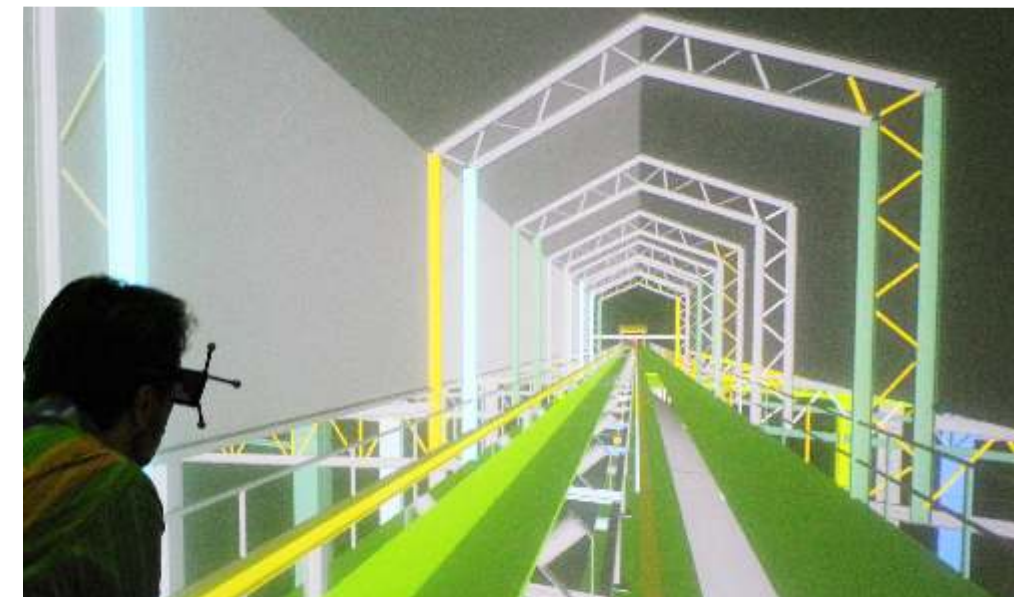
Conclusively, with all the requirements lined up, 5D BIM is a profound intelligent to win projects and optimize pre-construction work phase. The highly informative rich intelligent models of BIM are upright means to display features, commitments, facts & figures, and any loopholes. Thus, owners, engineers, architects, and contractors are sure to benefit by the most befitting BIM Model in the construction industry.



A brief History behind BIM

The term BIM emerged in the Architecture, Engineering and Construction industry back in the year 1987. Building industry executive, Phil Bernstein was the first to use this tool when he was working for Autodesk- an American multinational corporation that focused on 3D design software. Furthermore, the term BIM became popular with the help of industry analyst Jerry Laiserin as a tool for digital representation in the building industry. As the tool was observed with some exceptional and winning characteristics, Laiserin emphasized BIM as the description for the next generation of design software loaded with the powerful features as CAD tool to generate reasonably clear and technically advanced commercial approaches. BIM also gained popularity as Autodesk was already using this as a building industry strategy.

Moreover, BIM became extremely popular because of its hi-end features and accuracy in generating technical and commercial building designs. This is probably the reason why BIM is used across the world. Several organizations across the globe offer guidance about the best practices for the BIM technology meeting industry standards motivating professionals to use it.



Autodesk's NavisWorks

Illustrating Project Solution's Features and Benefits

Autodesk Navisworks allows reliable sharing, combining, and reviewing of the detailed 3D design model from several file formats. The software solution helps in project design, engineering, construction, and manufacturing professionals to unite all the possible contributions in a single model or building. The software contains clash detection tools to find a mistake, helps in the validation of design and reduce waste.

Features

Autodesk's Naviswork seems to gain control over projects in the following ways:

MODEL FILE AND DATA AGGREGATION: The feature enables combining design, construction, and other project data into one single integrated project model. The software scans file format read intelligent data from original design files, and imports from external databases and display within the model.

NWD AND 3D DWF PUBLISHING: It is possible to publish the entire project for the whole project view. The project model can be stored and published in an NWD or DWF file and that too, in much smaller size in comparison to original files.

PHOTOREALISTIC VISUALIZATION: It will be good to use Autodesk Naviswork advanced visualization features to develop compelling 3D animations for a better projects view to stakeholders. Enables customizing light, background and other materials to create a realistic look.

Usage

The Autodesk Naviswork family of products offers helps architecture, engineering, and construction people to improve the outcome of the project. The Naviswork Solutions detailed design models can be reviewed by the project stakeholders and render competitive advantage of BIM to users. With the software, users can easily combine the design data built in applications such as Autodesk Revit-based applications, AutoCAD software and from other design tools in any file format no matter what is the file size. Furthermore, Autodesk Naviswork offers products as the means to collaborate, coordinate, and communicate. The products are Autodesk Navisworks Manage, Autodesk Navisworks Simulate, and Autodesk Navisworks Freedom.

Conclusively, the software provides complete project view for better design decisions, accurate construction papers and gets appropriate information related to performance and planning.



Image courtesy: <https://media.thebimhub.com> || <https://blog.gfk.com>
<http://www.theaccountancy.co.uk> || <http://www.multiprojektstudio.pl/>
<http://www.techviz.net> || <https://i.yimg.com> || <http://bimcrunch.com/>