



futura gen

TECHNOLOGIES

TRAINING | PROJECTS | PLACEMENTS

futura gen
TECHNOLOGIES

AutoCad

Revit MEP

Revit Civil

MEP Design & Drafting

Electrical Design & Drafting

HVAC Design & Drafting

OUR BUSINESS SECTORS:

- CONTRACTING COMPANY
- REAL TIME TRAINING CENTRE
- MANPOWER PLACEMENTS CONSULTANCY



Get In Touch With Us

We would like to hear from you. Use the form below.



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ABOUT US

- Future Gen Technologies Training center is an engineering training institute providing trainings on job oriented professional courses for Building sector. Our training programs cover Civil Engineering, Mechanical Engineering and Electrical Engineering.
- The Aim of the Future Gen is to develop quality engineers in the building sector by providing the real time practical knowledge.
- Future Gen Training center has a team of highly experienced & qualified teaching staff. Many of them are experienced with real time projects in gulf countries. Our courses mainly focus on instructors past experience and practical examples. This will help the trainees to have a better understanding of the concept.
- Future gen technologies also comprise a placement cell and enjoy placement tie ups with many companies. Student gets the placement benefits after the completion of the course. Many of our students have been successfully placed with some reputed companies in India & other countries.

Future Gen Technologies is an Outstanding institute in engineering trainings, Consulting, Workshops, Guest lectures, Placements, Personality Development , providing trainings on job oriented professional courses for Building sector. Our Strong Technical Team builds a bridge between the theoretical knowledge and the practical job work, provides programs for Civil Engineering, Mechanical Engineering and Electrical Engineering for technology learners, with REAL (LIVE) PROJECTS based on REAL TIME CASE STUDIES and Quality of instruction at par with the foremost institutions of the world

Why Future Gen?

- Future Gen provides the real time training on 100% job oriented courses on international projects in building sectors & make every student to work on individual project in the training period.
- Knowledge of Students who trained under Future Gen will be as good as experienced professionals.
- Future gen provides digital training by In-depth demonstration on every aspect of course topics.
- Future gen training & course syllabus can make the student to challenge on the success of international interviews.
- Future gen provides the special training classes on personality development and interview skills after completion of course with 100% placement assistance.
- Highly qualified faculty with industry experience
- Training will be provided based on 20% theory and 80% practical concept
- Future Gen is one of the best training institute in building sector Why Future Gen

CONSTRUCTION INDUSTRY

- CIVIL ENGINEERING

- ARCHITECTURAL
- STRUCTURAL

- MECHANICAL ENGINEERING

- HVAC
- FIREFIGHTING
- PLUMBING

- ELECTRICAL ENGINEERING

- LIGHTING
- POWER

- JOB OPTIONS

- DESIGN
- DRAFTING
- INSTALLATION
- QUALITY INSPECTION

- JOB OPPURTUNITIES

- INDIA
- GULF
- WESTERN COUNTRIES
- WORLD WIDE

REVIT (BIM) IN CONSTRUCTION INDUSTRY

BIM is building information modeling software for architects, structural engineers and MEP engineers,

MEP stands for mechanical, electrical, and plumbing, which are the three engineering disciplines that Revit MEP addresses.

Revit MEP helps you model, draft, design, and document building systems. Support mechanical, electrical, and plumbing (MEP) engineering systems throughout the building lifecycle.

Technology is transforming the way that buildings and infrastructure are designed, constructed, and operated. And it's helping to improve decision making and performance across the building and infrastructure lifecycle.

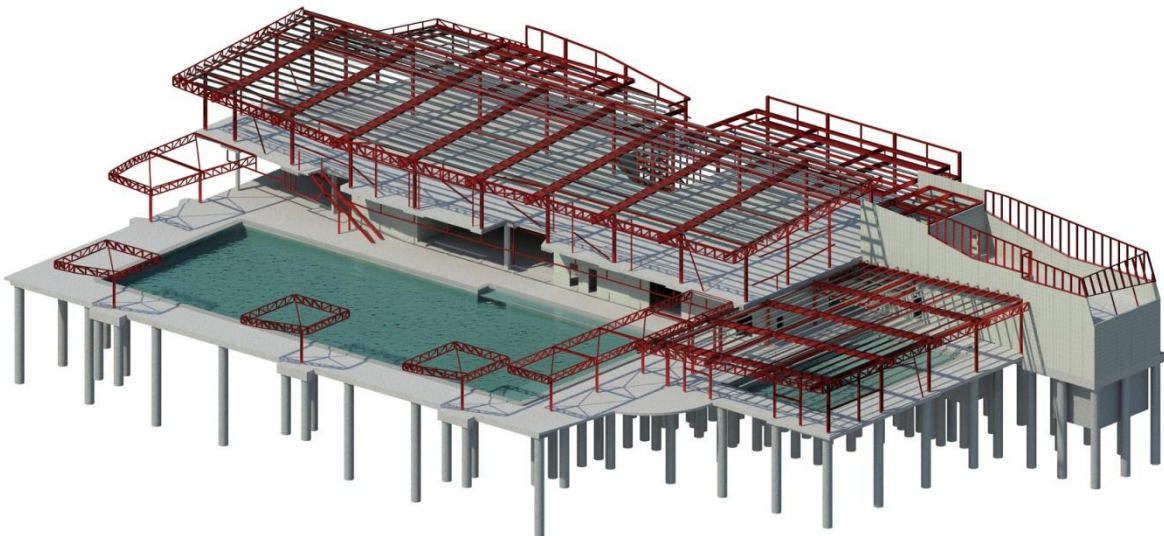
The Fundamentals Benefits of BIM

1. 3D Visualization
2. Improved coordination
3. Accurate Estimation of Quantities and Cost
4. Automated Collision Checks
5. Quick changes to design, No Repetitive Tasks
6. High Quality Construction Documents
7. Expedite the Floor Planning
8. Tender Management
9. Enhanced Collaboration and Productivity
10. BIM 4D and 5D
11. High Level of Flexibility
12. Meet Owners Taste and Style

Revit Architecture



Revit Structural



Accurate Exteriors

- Revit



- Reality



Accurate Interiors

- Revit



- Reality



Mechanical Coordination



BIM USING WORLDWIDE

North America U.S., Canada

Europe Netherlands, France, Italy, Finland, Sweden, Denmark, U.K., Russia, Iceland, Portugal, Turkey, Germany, Spain, Belgium, Poland, Slovenia, Swiss.

Oceania Australia, New Zealand

Asia Republic of Korea, India, China (Hong Kong included), Philippines, Taiwan, Singapore, Thailand

The Middle East Saudi Arabia, Egypt, Lebanon, Jordan, Iran , UAE ,Qatar

Africa South Africa

South America Argentina, Mexico, Brazil, Chile, Costa Rica

ABOUT WORKSHOP

- This WORKSHOP program introduces the full range of BIM Systems topics Basics, construction process, Building services, modeling, Drafting and Installation Procedures.
- The Lecture focuses on the real time work related concepts, issues, which is enhanced by the inputs of the instructor's practical experience.

WHO SHOULD ATTEND

Civil Engineers

Entry or senior level, who wishes to streamline their existing, Knowledge to make a career in Civil & MEP Engineering for Building System.

WHAT YOU WILL LEARN

Learn how BIM systems "work," concept of design, draft, install and maintain CIVIL & MEP Systems. Construction process.

- REVIT ARCHITRUCTURE
- REVIT STRUCTURE
- REVIT MEP
- HVAC SYSTEM
- PLUMBING SYSTEM
- ELECTRICAL SYSTEM

DURATION

The time duration for the Lecture is flexible as per the requirement of College management/Students attending the lecture. **Time Period : ONE Days Workshop**

WORKSHOP-DETAILS (Civil Engineers)

| <u>S.No.</u> | <u>Description</u> | <u>Timing</u> |
|--------------|--|-------------------------|
| 1. | Inaugural Session About Future Gen About the Workshop Invitation onto the stage | 10.00 - 10.45 AM |
| 2. | Technical Session – 1 Introducing building information modeling (BIM) Different Types of construction services Sequence of construction Concept of BIM | 10.45 - 11.45AM |
| 3. | Technical Session – 2 Starting a project Creating a new project from a template Understanding the projects Browser & properties Menu Working in one model with many views Adding the Levels in elevation view Adding the Grids in Plan view | 11.45-12.45PM |
| 4. | Lunch Break | 12.45-01.30PM |

5. **Technical Session – 3** **1.30 – 2.30PM**

Introduction to **REVIT STRUCTURE**
Explanation on types of foundations & Modeling.
Adding the Columns
Adding the Beams
Adding the Slabs

6. **Technical Session – 4** **2.30 – 3.00PM**

Introduction to **REVIT ARCHITRUCTURE**
Locating the walls
Adding the floors
Adding doors
Adding Windows
Curtain Walls
Placing Mullions
Working with Extrusion roofs
Stair Modeling
Working with stairs
Railing to Stairs
Adding Text
Visibility settings

7. **Practical Session – 1** **3.00 – 5.00PM**

Practical on **REVIT ARCHITRUCTURE**
Practical on **REVIT STRUCTURE**
Modeling a building by the students

SUCCESS STORIES

Future Gen Technologies., has always been on the principles of providing Quality Engineering for the Engineering graduates, for the achievement and real time exposure of the students of their upcoming career goals. Alongside, it has been actively participated in Social activities along with HRO for the betterment of Human facilities and their application. Future Gen has an all-round presence on Contracting, Training & Placement side for the upliftment of students and country as on whole.

As a part of Quality Engineering, Our staff has provided enlightening speeches/seminars for the Engineering colleges. Our effort was applauded by many colleges.

Future gen technologies are successful in providing the Guest Lectures, Workshops & In-House Trainings in the colleges.

