

Chief Patron

Dr. Rajashekar C. Biradar
Pro Vice Chancellor (Engineering)

Patrons

Dr. Bhavana B.
Director, School of Civil Engineering

Conveners

Dr. Sanjay Raj A.
Assistant Professor, School of Civil Engineering

Dr. Kannam Praveen
Associate Professor, School of Civil Engineering

Resource Person

Mr. Anil Ghaste
Team Head - Autodesk Certified Instructor &
Technical Director, ISCT (Global InfoTech)

About the REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. REVA University, recognised by the University Grants Commission (UGC) and approved by the All India Council for Technical Education (AICTE), has an A+ grade from NAAC.

REVA University prides itself in contributing to every student's holistic development. The University currently offers 37 full-time undergraduate programmes, 28 full-time postgraduate programmes, 19 Ph.D. programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed

based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

Teachers and instructors with illustrious academic experience are the architects of the meticulously designed curriculum and program modules offered at REVA University. They come with industrial exposure and experience that often translates through their teaching, thus bridging the gap between the industry and academia.

About the School of Civil Engineering

The School of Civil Engineering is headed by highly experienced Professor and is supported by well qualified faculty members. The school has the state-of-art classrooms and well-equipped laboratories. It offers B. Tech and M. Tech programs in various specialized streams. The school also has research program leading to doctoral degree. The curriculum of both graduate and post graduate degree programs have been designed to bridge the gap between industry – academia and hence they are industry application oriented. The B. Tech program aims to prepare human resources to play a leading role in the competitive construction field and excel in their endeavours. The Master's Degree programs focus on research and design in the core areas such as Computer Aided Structural Engineering, Transportation Engineering and Management and Construction Technology and Management to supplement and create a sustainable world and to enhance the global quality of life by adopting enhanced techniques of design and application. This is reflected in various core subjects offered within the program. Currently Civil Engineering teaching was limited to planning, analysis, design, and execution of different types of infrastructure like buildings, roads, bridges, dams and power plants. However, due to increase of technological sophistication and demand for higher living standards geared up by economic growth and concerns about environmental impact have changed the scope of Civil Engineering. The challenges of today's Civil Engineering infrastructure are much more complex and interdependencies between resources. Even though there are many institutions in the country which are producing Civil Engineers, there is acute shortage of quality Civil Engineers.



REVA
UNIVERSITY

Bengaluru, India

Five-day Professional Skill Enhancement Program on

Building Information Modelling (BIM) for Construction and Structural Engineering

November 5-9, 2024



AUTODESK
Learning Partner

ISCT
ENABLING ENGINEERS
Since 1996



in association With **AUTODESK**
Organised By
School of Civil Engineering

Rukmini Knowledge Park,
Kattigenahalli, Yelahanka, Bengaluru-560064
Phone:+91-80-4696 6966

Rukmini Educational
Charitable Trust

www.reva.edu.in

About AUTO DESK

Autodesk at ISCT Global InfoTech is a leading provider of design and engineering software solutions, catering to various industries including architecture, construction, manufacturing, and media. With a focus on innovation, ISCT Global InfoTech leverages Autodesk's cutting-edge tools to deliver comprehensive solutions that enhance productivity, streamline workflows, and enable professionals to create detailed and accurate designs. Their expertise in Autodesk software ensures that clients receive top-notch support and training, empowering them to achieve excellence in their respective fields.

About Professional Skill Enhancement

This Professional Skill Enhancement program offers specialized training in leveraging Autodesk Revit for Building Information Modelling (BIM) within the domains of Construction Management and Structural Engineering. The course is meticulously designed to equip professionals with the skills required to create highly detailed 3D models, generate precise construction documentation, and efficiently extract Bill of Materials (BOM) and Bill of Quantities (BOQ) data using Revit.

Objectives

- To equip participants with advanced skills in Building Information Modelling (BIM) for construction and structural engineering.
- To enhance understanding of BIM software and its applications in real-world projects.
- To develop expertise in creating complex BIM models, structural analysis, and simulation.
- To improve collaboration and coordination skills using BIM tools.
- To familiarize participants with best practices and future trends in BIM technology
- To enable participants to implement BIM on their projects effectively and efficiently.

Learning Outcomes

- Advanced BIM skills for construction and structural engineering.

- Enhanced understanding of BIM software and its applications.
- Improved collaboration and coordination skills
- Ability to create complex BIM models and perform structural analysis and simulation.
- Knowledge of best practices and future trends in BIM technology.
- Ability to implement BIM on real-world projects effectively and efficiently.
- Provides structured support for students to engage in internships and placement opportunities.

Deliverables

- Certificate of Completion: Upon completing the 5-day program, participants will receive a certificate of completion.
- Advanced BIM Skills: Participants will gain advanced skills in BIM software and its applications in construction and structural engineering.
- BIM Project: Participants will complete a BIM project that demonstrates their understanding of advanced BIM concepts.
- BIM Model: Participants will create a complex BIM model that showcases their skills in creating and managing BIM data.
- Action Plan: Participants will develop an action plan to implement BIM on their projects effectively and efficiently.

Registration Fees

Registration Fee –

- Students -Rs 5000/-
- Industry Professional/Faculty- Rs 6,000/-

Contact Deatils

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**Five-day Professional Skill Enhancement
Program on
Building Information Modelling
(BIM) for Construction &
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November 5-9, 2024
In Association With AUTODESK**

Name:_____

Designation:_____

Dept:_____

Institution:_____

Address:_____

Mobile:_____

Email id:_____

Date:

**Signature & Seal of
Principal / HOD**