

# FUTURE CAST

Powering technological innovation in  
Quarrying and Construction



## FUTURE CAST

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# Future Cast

Future Cast is an Innovation, R&D, Education, Science, and Energy centre focused on the Construction, Quarrying, and Manufacturing industries.

## Vision

Empowering industry leaders to deliver a sustainable, modern built environment through education, co-operation & collaboration.

## Mission

Supporting Construction and Quarrying companies and their supply chains in adapting digital technologies.



## Our Departments



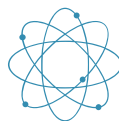
### Innovation

Our team will work with you to develop your ideas and harness technology to accomplish your goals



### Research & Development

Our R&D team are constantly working to improve the technologies, materials & processes in the industry



### Science

Geological and material Laboratory



### Education & Training

We provide a wide range of courses for the Construction, Quarrying, and Manufacturing Industries



### Energy

We provide latest technology in renewable energy in the Quarrying and Construction sectors

# Training Programmes

We provide a wide range of courses to the Construction, Quarrying, and Manufacturing industries which can be customised according to your industry's requirements.

## CONSTRUCTION

- Introduction to 3D Construction Printing
- Essentials of 3D Construction Printing
- Drone Technology and Photogrammetry
- Blockchain for Health & Safety
- Introduction to BIM Project Management
- Energy Management
- Energy Auditing
- BIM Awareness for Executives
- BIM Process for Building Services
- AutoCAD Basics
- Revit Architecture Essentials
- Revit Basics
- REVIT MEP
- Digital Twin in Construction

## QUARRY

- Environment Quarry bundle
- Extraction Quarry bundle
- Health and Safety Quarry bundle
- Processing Quarry bundle
- Construction Materials Quarry bundle
- Sustainability Quarry bundle

## MANUFACTURING

- Project Management
- Effective People Management
- Introduction to Robotic Programming
- Siemens PLC Programming
- Introduction to Allen Bradley PLC
- Hydraulics
- Industrial Electrical Systems
- Industrial Pneumatic Systems
- Industrial Safety
- Introduction to Siemens PLC
- Systematic Troubleshooting
- Allen Bradley PLC Programming
- Digital Sensors
- Drone Technology: EU-Specific
- Electric and Electronics
- Electrical Troubleshooting
- Fusion 360 Basics
- BIM Technologies
- Digital Twin in Manufacturing
- Lean Six Sigma Green Belt
- Inventor Basics
- Pneumatics

A yellow hard hat is the central focus, resting on a rolled-up architectural blueprint. A pencil is visible in the lower-left corner. The blueprint features various technical drawings, including floor plans for a 'LOUNGE', 'KITCHEN', and 'ENTRANCE', with dimensions and annotations like '225 X 100mm pcc lintels' and 'all internal doors to have min 750mm clear opening width'.

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Get in touch for any further queries

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