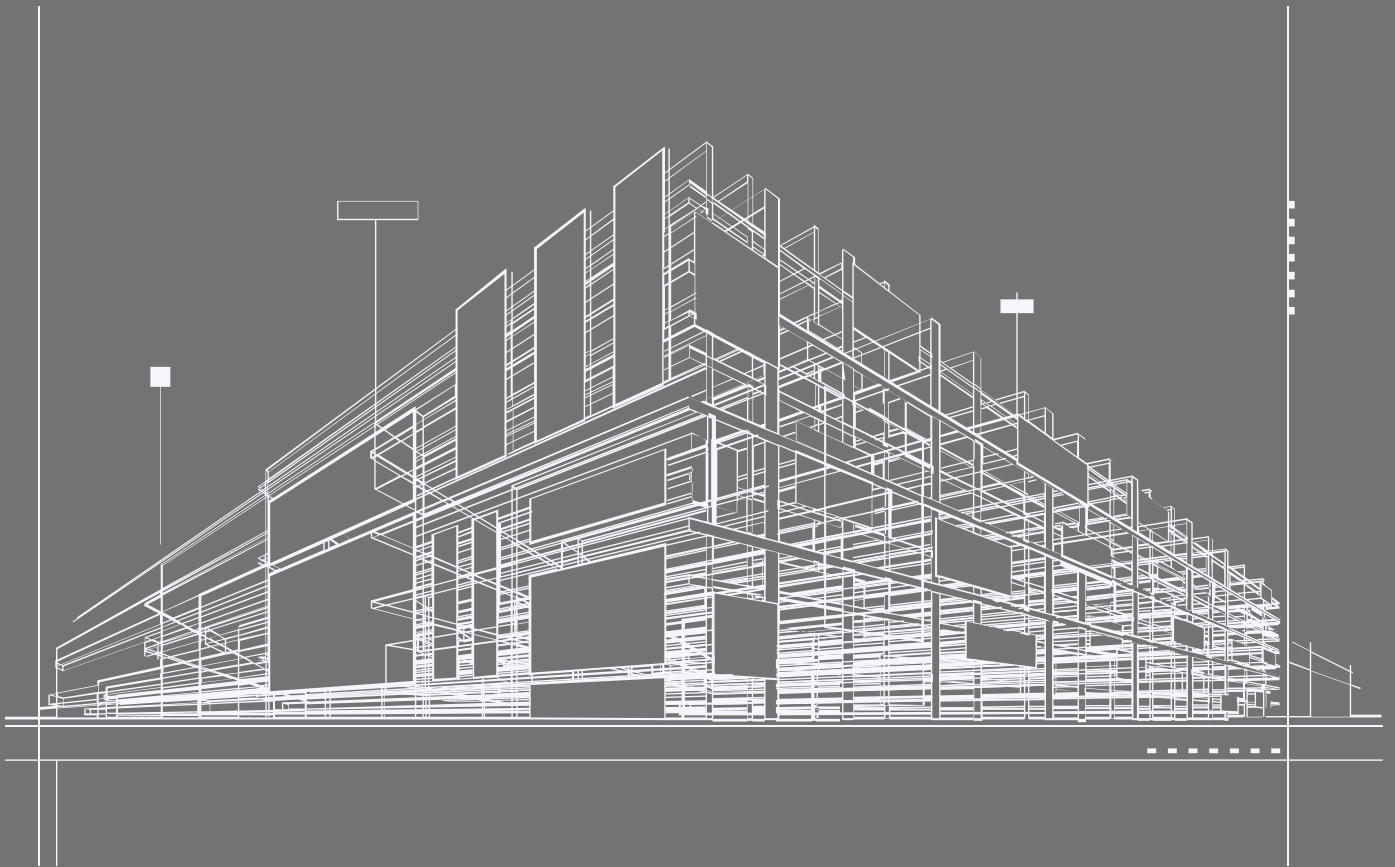




PGD CENTER OF ADVANCED  
TECHNOLOGIES & SUSTAINABLE  
DEVELOPMENT

# BIM TRAINING

Empowerment Through Skill Development



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[www.proctorglobal.ca](http://www.proctorglobal.ca)  
Plaza no 123, E 1 Commercial, Phase 8,  
Bahria Town Rawalpindi

Trusted Platform for Skill  
Development & Placement in  
Global Network

# A Journey of Empowerment Through Skill Development

01

## **BIM Fundamentals**

Understand the Power of Collaborative Design through 4 weeks fundamental course

02

## **BIM Advance Course**

Beyond 3 D. Advance course of 4 - 6 weeks

03

## **BIM Professionals**

A specialized Approach for ACE Professionals through 6 months diploma

04

## **BIM Specialists**

Project Specialists through courses and working on real time projects

05

## **BIM Certified Professionals**

BIM Experts and certified professionals through specialized certification and working on real time projects



PGD CENTER OF  
ADVANCED TECHNOLOGIES  
& SUSTAINABLE  
DEVELOPMENT

# About Us.



## Introduction

Proctor Global Designs (Pvt) Ltd is a Design and Consultant firm, based in Pakistan, Canada, UAE & KSA. The firm has been working with local and global partners and successfully delivered numerous complex and high-rise projects, internationally. We are a team of highly qualified, extensively trained, and talented professionals with worldwide working experience. Our core specialty is Building design and its integration with BIM technologies. After supporting various high-end and mega-structured projects in KSA, UAE, Turkey, etc., we feel compelled to introduce these high-Tech solutions and move towards SMART AND SUSTAINABLE solutions,

## Our Philosophy

Empowerment through Skill Development

## Vision for the Future

Introducing and implementing ICT / BIM & RELATED TECHNOLOGIES AND EXPERTISE for the mutual benefit of the industry as well as Professionals

**ONLINE - IN CAMPUS - HYBRID  
TRAINING MODULES**

# **TRAINING CALENDAR FIRST HALF 2024**

## **WEEKDAYS PROGRAMME**

### **BIM Fundamentals Course (Understand the Power of Collaborative Design) – 2 Weeks**

**13 FEB TO 23 FEB**

**COURSE FEE - PKR 20000/-**

1. Weekly – 4 days per week classes
3. Daily – 2 lectures of 2 hrs. each (Total 4 hrs./day)
4. First week – Theory 16 hrs., with demos. & assignments
5. Second week – Theory 16 hrs., with demos. & assignments
6. Total 32 hrs.

### **A.BIM Advance Course (Beyond 3 D) – 4 weeks course**

**17 FEB TO 22 MAR 24**

**COURSE FEE - PKR 40000/-**

1. Weekly – 4 days per week classes
3. Daily – 2 lectures of 2 hrs. each (Total 4 hrs./day)
4. Week 1 & 2 – Theory 24 hrs., Practical 8 hrs.
5. Week 3 & 4 – Theory 8 hrs., Practical 24 hours
6. Total 64 hrs. Course Theory 32 hrs. lab/Practical 32 hrs.
7. Hands-on experience & .Designed assignments to practice different elements of modeling. (Small projects)

# TRAINING CALENDAR FIRST HALF 2024

## WEEKEND PROGRAMME

### **BIM Fundamentals Course (Understand the Power of Collaborative Design) – 2 Weeks**

**17 - FEB TO 25 FEB 24**

1. Weekly – 2 days per week classes
2. Fri 4 pm to 7 pm – Sat 10 to 3 pm.
3. Friday – 3 hours lecture with two 10 minutes break.
4. Sat – 2 lectures of 2 hrs. each (Total 4 hrs.)
5. Week 1 – Theory 14 hrs. with demonstration
6. Week 2 – Theory 14 hrs. with demonstration
7. Total 28 hrs.

**COURSE FEE - PKR 20000/-**

### **A.BIM Advance Course (Beyond 3 D) – 7 Weeks Course**

**18 APR TO 31 MAY 24**

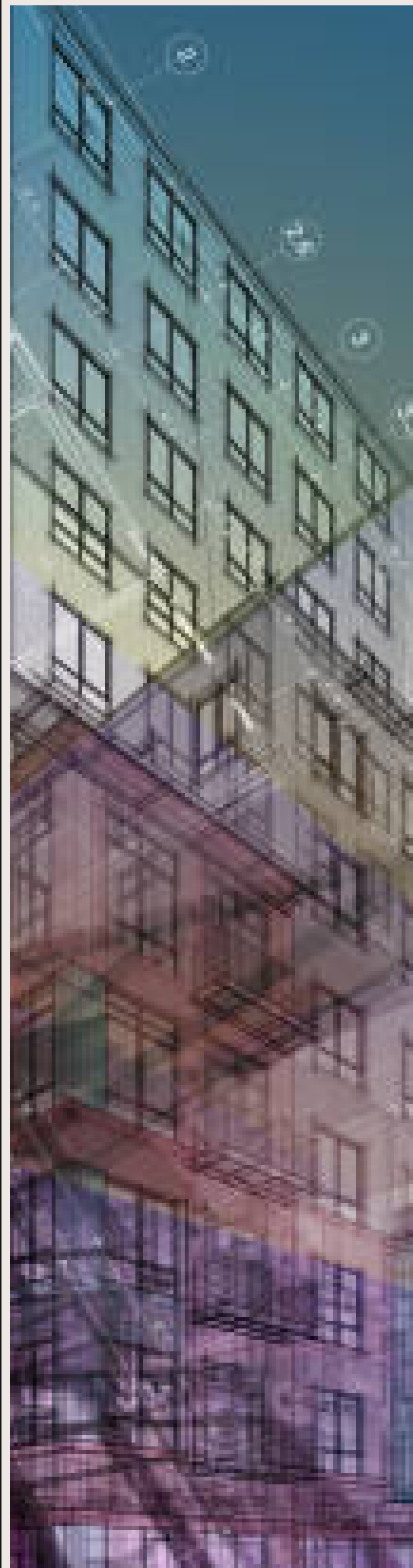
1. Weekly – 2 days per week classes
2. Fri 4 pm to 7 pm – Sat 10 to 3 pm.
3. Friday – 3 hours lecture with two 10 minutes break.
4. Sat – 2 lectures of 2 hrs. each (Total 4 hrs.)
5. Week 1 & 2 – Theory 14 hrs., 8 hours home assignments.
6. Week 3 & 4 – Theory 14 hrs. 8 hours home assignments.
7. Week 5 & 6 – Practice 14 hrs.
8. Week 7 – Practice 7 hrs.
9. Total 65 hrs. a. Course Theory 28 hrs. b. Home assignments 16 hrs. (Review assignments in class)

**COURSE FEE - PKR 40000/-**

# BIM FUNDAMENTALS

Understand the Power of Collaborative  
Design

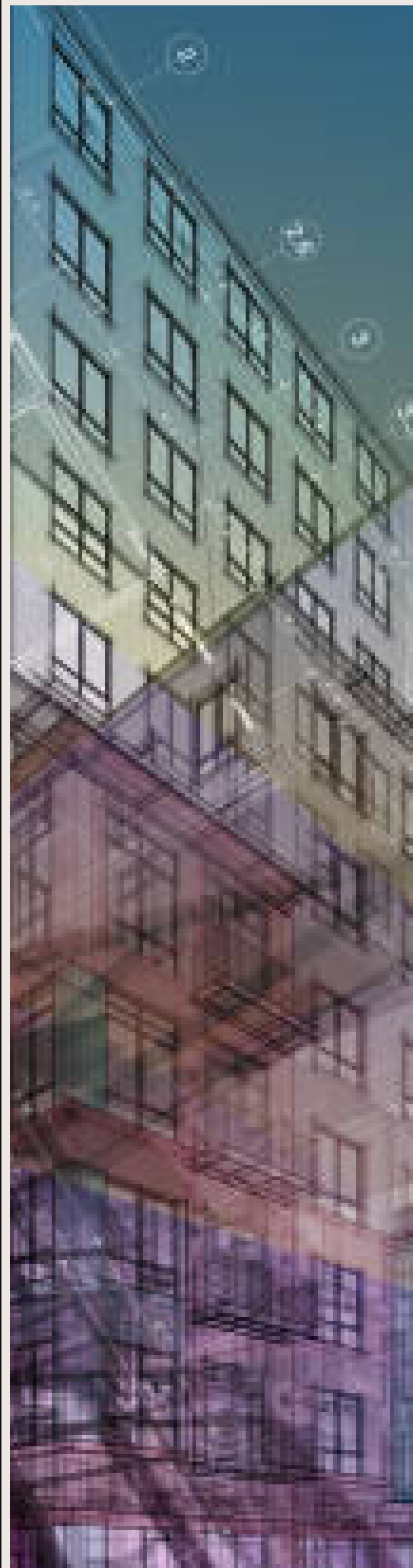
- Introduction
- Traditional Methods of construction
- What is BIM
- History and evolution
- How BIM collaboration works
- Impact of BIM on collaboration
- Basic BIM Modelling
- BIM Technologies Part-1
- BIM Technologies Part-2
- BIM Technologies Part-3
- BIM Levels and Dimensions
- BIM LODs
- BIM for different stakeholders
- BIM uses in the construction phase
- BIM all over the world
- BIM Career paths



# BIM ADVANCE

## Beyond 3 D

- Revit Core Concepts and Interface Basics
- Starting a Project
- Modeling Basics Part-I
- Modeling Basics Part-II
- Links, Imports and Group
- Central Model and Work-sharing
- Sketch-Based Modeling Components-I
- Sketch-Based Modeling Components-II
- Stairs
- Complex Walls
- Visibility and Graphic Controls
- Schedules and Tags
- Annotations and Detailing
- Revit Structure
- Revit Electrical
- Revit Mechanical and Plumbing
- Sheets, Plotting and Publishing
- Basics of Families
- "BIM Technologies
  - o Scheduling and Estimation in Revit
  - o Revit and Power BI
  - o Energy Analysis"
- "BIM Technologies
  - o Construction Simulation
  - o Clash Detection"
- o-Dynamo
- o-Scan to BIM
- o-BIM 360"
- Project 1 & 2



# CERTIFICATE FOR SUCCESSFUL CANDIDATES

COURSE  
CERTIFICATE



CENTER OF ADVANCED TECHNOLOGIES & SUSTAINABLE DEVELOPMENT

## CERTIFICATE

OF COMPLETION

PROUDLY PRESENTED TO

**MUNEEB AHMED**

Has Successfully Completed

**BIM FUNDAMENTALS COURSE - 32 CREDIT HRS**

DELIVERY MODE : IN - PERSON / REGULAR

DATED

SIGNATURE

[www.pgdcatsd.ca](http://www.pgdcatsd.ca)

# CONTACT US



## REGISTER FOR PLACEMENTS & TRAININGS

### Contact Us

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+92 51 5737002

[www.proctorglobal.ca](http://www.proctorglobal.ca)

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123, E 1 Commercial, Phase  
8, Bahria Town Rawalpindi,  
Pakistan

### PAY ONLINE

Pay Online: JS Bank

Bank Account:

0002109425

Account Title:

Proctor Global Design (SMC) PVT LTD.