



E&ICT Academy
IIT Guwahati

acredian
credentials that matter

Executive Program in Project Management & Business Analytics

12 Months | Online | Instructor Led

Exclusive Program for Working Professionals



Contents

01. Why Choose this Program?

02. Who should enroll in this Program?

03. Learning Path & Curriculum

04. World Class Learning Experience

05. Career Support Session

06. Alumni Status

07. Key Program Highlights

08. Learn from India's Top Industry Experts

09. Admission Process

10. Program Snapshot

Why Choose this IITG Project Management & Business Analytics Program?

IIT
Brand

Get certified from
Premier Institution

Top 10

Ranked 7th in NIRF
Rankings in India

Campus
Immersion

Attend 2 day Campus
Immersion @IIT Guwahati

Alumni
Status

Attain Alumni Status
@ E&ICT IIT Guwahati



Trending Project Management & Business Analytics Skills in 2024

**Agile Project
Strategy**

**Project
Evaluation**

**Project
Procurement**

**Excel
Modelling**

**SQL
Operations**

**Marketing
Analytics**

Enhance your grasp of Project Management & Business Analytics skills to drive your organization's growth. From Project Planning to Applied Industry Analytics, this program prepares you for the most in-demand data-driven skills required in the marketplace in 2024.

Who should enroll in this Program?

Unleash strategic insights with our Executive Program in Project Management and Business Analytics. Tailored for emerging leaders, this program provides deep understanding and the skills to propel your career forward in Project Management and Business Analytics, advancing you toward impactful leadership. Elevate your professional journey with strategic mastery.

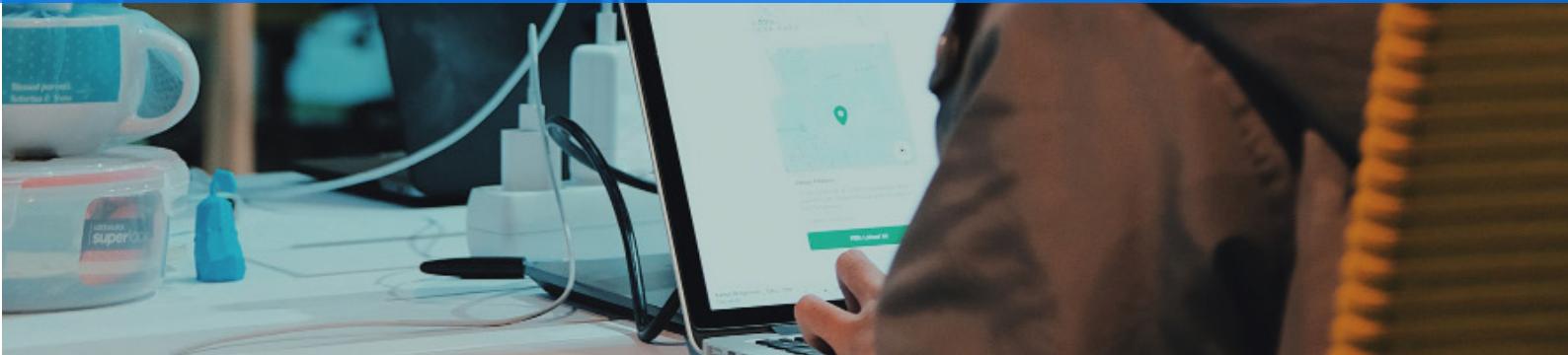


A professional headshot of a young woman with dark hair, smiling warmly at the camera. She is wearing a dark blazer over a white collared shirt. Her arms are crossed in front of her. The background is a soft-focus outdoor setting with greenery.

**Your Future in
Project Management
& Business Analytics
Starts Here**

A Learning Experience Unlike Any Other

	IIT G	Others
India's Top 10 Institute	✓	✗
Hands-On Learning	✓	✗
Top Faculty from Amex, Novartis etc.	✓	✗
Industry Based Projects	✓	✗
Live Online Lectures	✓	✗
Alumni Status	✓	✗
Campus Immersion	✓	✗



Why choose IITG Project Management & Business Analytics Program?

Prestigious Institution

The brand value associated with an IIT certification can significantly boost your professional credentials & open doors to new career opportunities.

Comprehensive Curriculum

The program is designed to provide a comprehensive understanding of Project Management and Business Analytics in the industry.

Climb the Growth Ladder

The program incorporates industry-relevant case studies and real-world projects, allowing participants to apply their knowledge to practical scenarios.

Gain Competitive Edge

This program will provide you with a competitive edge in the job market increasing your opportunities.

Advance Your Career

The program is designed for professionals who aspire to transition into Project Management & Business Analytics roles.

Unlock Leadership Roles

Explore diverse roles such as project manager, business analyst, strategy consultant, and financial analyst.



E&ICT Academy
IIT Guwahati

Up Next >>

Transform your Career Program Syllabus

Learn what matters in 12 months!



Pillar I: Project Management

Term 1: Project Management Fundamentals

Module 1: Introduction to Project Management

- Topic 1: Overview of Project Management
- Topic 2: Importance of Effective Project Management
- Topic 3: Key Roles & Responsibilities in Project Management
- Topic 4: Project Management Methodologies (e.g., Waterfall, Agile, Scrum)

Module 2: Project Initiation

- Topic 5: Defining Project Objectives & Scope
- Topic 6: Stakeholder Identification & Analysis
- Topic 7: Feasibility Studies & Project Charters
- Topic 8: Risk Assessment & Mitigation Strategies



Pillar I: Project Management

Term 2: Project Planning & Execution

Module 3: Project Planning

- Topic 9: Work Breakdown Structure (WBS) & Task Decomposition
- Topic 10: Scheduling Techniques (Gantt Charts, Critical Path Method)
- Topic 11: Resource Allocation & Management
- Topic 12: Cost Estimation & Budgeting
- Topic 13: Quality Planning & Assurance

Module 4: Project Execution

- Topic 14: Team Building & Leadership
- Topic 15: Communication & Stakeholder Management
- Topic 16: Monitoring & Controlling Project Performance
- Topic 17: Change Management
- Topic 18: Issue Identification & Resolution



Pillar I: Project Management

Term 3: Risk Management & Agile Project Management

Module 5: Project Risk Management

- Topic 19: Identifying & Analyzing Project Risks
- Topic 20: Risk Response Planning
- Topic 21: Risk Monitoring & Control
- Topic 22: Contingency Planning & Risk Registers

Module 6: Agile Project Management

- Topic 23: Agile Principles & Frameworks
- Topic 24: Scrum & Kanban Methodologies
- Topic 25: Iterative Development & Adaptive Planning
- Topic 26: Agile Tools & Techniques



Pillar I: Project Management

Term 4: Contract, Procurement, Closure

Module 7: Project Procurement & Contract Management

- Topic 27: Procurement Process & Strategies
- Topic 28: Contract Types & Selection
- Topic 29: Vendor Management & Performance Evaluation
- Topic 30: Legal & Ethical Considerations

Module 8: Project Closure & Evaluation

- Topic 31: Project Closure Procedures
- Topic 32: Lessons Learned & Knowledge Transfer
- Topic 33: Post-Project Evaluation & Reporting
- Topic 34: Celebrating Success & Customer Satisfaction



Pillar I: Project Management

Term 5: Project Leadership & Advanced Topics

Module 9: Leadership & Soft Skills for Project Managers

- Topic 35: Leadership Styles & Approaches
- Topic 36: Conflict Resolution & Negotiation Skills
- Topic 37: Emotional Intelligence
- Topic 38: Time Management & Stress Management

Module 10: Advanced Topics in Project Management

- Topic 39: Portfolio Management
- Topic 40: International & Cross-Cultural Project Management
- Topic 41: Ethics & Professional Responsibility



Pillar II: Business Analytics

Term 6: Foundation of Business Analytics

Module 11: Introduction to Business Analytics

- Topic 42: Analytics as a Strategy Lever
- Topic 43: Organizational Analytics Readiness
- Topic 44: Analytics Lifecycle
- Topic 45: Tools Used by Analytics Teams

Module 12: Data Analytics Fundamentals for Managers

- Topic 46: Data Ecosystem (Analytics Life Cycle)
- Topic 47: Acquiring & Preparing Data
- Topic 48: Analyzing, Visualizing, & Communicating Results
- Topic 49: The Problem Solving Framework

Module 13: Descriptive Analytics

- Topic 50: Exploring Data Through Descriptive Statistics
- Topic 51: Principles of Data Visualization
- Topic 52: Designing Impactful Dashboards & Reports
- Topic 53: Crafting Compelling Narratives with Visual Data

Pillar II: Business Analytics

Module 14: Inferential Statistics for Decision Making

- Topic 54: Hypothesis Testing & Confidence Intervals
- Topic 55: Introduction to Regression Analysis
- Topic 56: Understanding Correlation & Causation
- Topic 57: Applying Analytical Techniques in Business Scenarios

Term 7: Data Management & SQL for Business Insights

Module 15: Data Management for Business

- Topic 58: Managing Data Storage Systems in Business
- Topic 59: Data Quality & Integrity in Business Processes
- Topic 60: Implementing Data Governance & Compliance
- Topic 61: Utilizing Data Modeling for Business Intelligence

Module 16: SQL Fundamentals for Business Analysis

- Topic 62: Introduction to SQL for Business Decision Making
- Topic 63: Using SQL to Generate Business Report
- Topic 64: Data Aggregation & Analysis with SQL
- Topic 65: SQL for Financial & Operational Monitoring

Pillar II: Business Analytics

Module 17: Data Querying Fundamentals

- Topic 66: Data Retrieval Techniques for Managers
- Topic 67: SQL for Managing Business Operations
- Topic 68: Database Management & Maintenance for Business Leaders
- Topic 69: Leveraging SQL for Strategic Decision Support

Module 18: Advanced SQL for Managers

- Topic 70: Advanced SQL Functions for Business Analysis
- Topic 71: Optimizing Database Performance
- Topic 72: Deploying Data Warehousing Solutions with SQL
- Topic 73: Advanced Data Security & Compliance in SQL



Pillar II: Business Analytics

Term 8: Business Decision Data Modeling

Module 19: Extracting Business Insights from Data

- Topic 74: Strategic Business Analysis with Excel
- Topic 75: Data Cleaning & Preparation for Intelligence Extraction
- Topic 76: Descriptive Statistics for Informed Decision-Making
- Topic 77: Visualizing Data for Actionable Business Insights

Module 20: Decision Making Techniques Using Excel

- Topic 78: Business Analysis with Excel Functions
- Topic 79: Financial Decision-Making with Excel
- Topic 80: Advanced Excel Techniques for Strategic Business Analysis
- Topic 81: Strategic Data Highlighting with Conditional Formatting



Pillar II: Business Analytics

Module 21: Business Reporting with Excel Pivot Tables

- Topic 82: Deriving Insights through Customized Pivot Tables
- Topic 83: Enhancing Efficiency with Advanced Pivot Table Features
- Topic 84: Harnessing Data Analysis Using Pivot Tables
- Topic 85: Streamlining Reporting Processes with Automated Pivot Tables

Module 22: Excel Modelling for Business Solutions

- Topic 86: Excel Modelling basics for Business Leaders
- Topic 87: High-Impact Financial Models for Success
- Topic 88: Excel Models for Business Optimization
- Topic 89: Data Information Retrieval for Business Efficiency

Term 9: Data Visualization & Story Telling

Module 23: Data Visualization & Storytelling Basics

- Topic 90: Data-Driven Decision Making with Power BI
- Topic 91: Streamlining Data Management & Quality
- Topic 92: Optimized Data Structure for Analysis
- Topic 93: Interpretation & Stakeholder Engagement

Pillar II: Business Analytics

Module 24: Advanced Power BI for Strategic Business Insights

- Topic 94: Utilizing DAX Functions for Tailored Insights
- Topic 95: Refined Data Exploration for Deeper Insights
- Topic 96: Enhanced Strategic Planning & Scenario Evaluation
- Topic 97: Predictive Analytics for Informed Decision-Making

Module 25: Real Time Insights & Data Integrity for Managers

- Topic 98: Deploying Reports to Power BI Service
- Topic 99: Monitoring in Real-Time with Dashboards & Tiles
- Topic 100: Ensuring Data Accuracy & Concurrency
- Topic 101: Enhanced Data Security & Compliance

Module 26: Building Reports for Business Insights

- Topic 102: Utilizing Reports for Presentation & Insight
- Topic 103: Exploration & Analysis with Views & Slicers
- Topic 104: Data Interpretation with Conditional & Field Formatting
- Topic 105: Harnessing Natural Language Queries with "Ask a Question"

Pillar II: Business Analytics

Term 10: Applied Managerial Analytics

Module 27: Business Analytics in BFSI

Topic 106: Risk Analytics in BFSI

Topic 107: Fraud Analytics in BFSI

Topic 108: Modeling Credit Risks (Take Home Case)

Module 28: Analytics for Marketing & Telecommunications

Topic 109: Marketing Terminologies: Review

Topic 110: Analyzing Customer Behavior & Marketing Strategies

Topic 111: Customer Lifetime Value (CLV) Analysis in Telecom

Module 29: Analytics in Healthcare & Manufacturing

Topic 112: Utilizing Real-Time Analytics in Healthcare

Topic 113: Predictive Modeling for Disease Diagnosis

Topic 114: Demand Forecasting in Manufacturing



Pillar II: Business Analytics

Module 30: E-commerce & Supply Chain Analytics

Topic 115: Pricing and Profitability Analytics

Topic 116: Basket Analysis and Cross-Selling

Topic 117: Managing Demand Variability (Take Home Case)



Capstone Projects & Key Tools Covered

Project Management Capstone

The Capstone Project involves applying knowledge to a real-world scenario, either individually or in teams, enhancing preparation for Project Management Institute (PMI) and other certifications.

Business Analytics Capstone

Experience a real world simulation of a company problem that needs to be solved using Business Analytics. Work with a team of Business Analysts who are working towards solving this Business Problem.

Key Tools Covered



socialmention*



And many more...

*The tools listed are subject to change, will be covered at an introductory level as part of the digital tool ecosystem, and only free or trial versions will be used.

A close-up portrait of a middle-aged man with dark hair, a well-groomed beard, and a mustache. He is smiling warmly at the camera, showing his teeth. He is wearing a light blue, button-down denim shirt. The background is slightly blurred, showing some indoor plants and a wooden surface.

**Embark on a
transformative
journey**

World Class Learning Experience

Experience a dynamic and engaging environment that inspires and challenges you to think critically. Become a world-class leader through hands-on learning, collaboration, and interaction with experts in the field.



Live Classes &
Online Interaction



Top Industry
Practitioners



Lifelong Access
to Study Material



Hands-On
Learning



Peer
Learning



Campus
Immersion

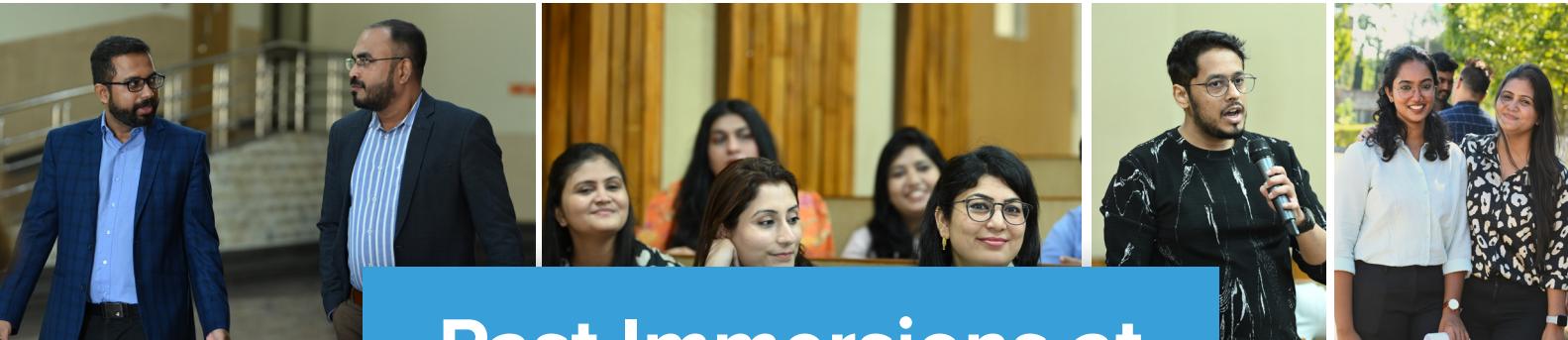


Network and Interact at the Campus of Prestigious IIT Guwahati

Gain a unique opportunity to participate in a **Two-Day Campus Immersion** at the picturesque campus of Indian Institute of Technology Guwahati. Build lifelong connections with your peers, participate in workshops and hackathons, & experience student life at one of the top IITs in India. Some unique features you can expect in the immersion include:

- Networking with Peers
- Interaction with Faculty
- Offline Classes
- Dynamic Activities





Past Immersions at IIT Guwahati





Attain E&ICT IIT Guwahati Alumni Status

On successful completion of the Project Management & Business Analytics Program, candidates will be eligible for alumni status at E&ICT IIT Guwahati. The benefits of the lifetime membership of alumni status include:

- **Access to E&ICT IIT Guwahati Alumni Network**
- **Alumni Meetups & Events**
- **Alumni Specific Scholarships & Grants**
- **Access to Workshops and Conferences**



Career Support with 6 Powerful Sessions



1-On-1 Career Counselling

Our career coach will help you with all your career related queries

Resume Preparation

We'll help you craft a sharp resume to boost your shortlisting chances

Simulated Mock Interviews

Participate in a mock interview to be ready for the real thing

Interview Resources

Get access to 2024 Interview Resources



“ Career coaching begins with self discovery and unfolds through strategic guidance. We are here to illuminate your path, amplify your strength, and navigate the terrain of growth with you. ”

Manjusha Jaggi

Career Coach, Accredian

Learn from Top Industry Practitioners



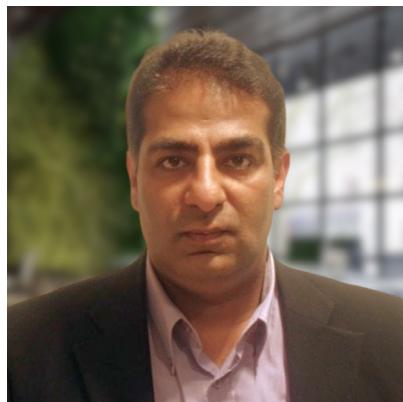
Principal Investigator



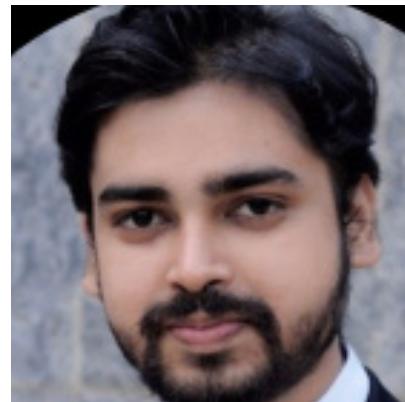
Founder & CEO



Senior Program Manager



Sr. Product Line Manager



General Manager



Associate Director



Assoc. Director - DS & AI Eng.



Senior Faculty



Co-Founder



100% classes in the program will be taken by Industry Practitioners.

Key Statistics

12 months

Comprehensive Learning

170+

Hours of Live Classes

30

Modules

10+

Tools & Frameworks

6

Career Assistance Sessions

Get Certified from India's Premier Institution



The certificate provided serves as a representation and may vary from the final certificate.
Candidates will receive a digital copy of it upon program completion.

Admission Process

1

Apply at iitg.accredian.com

2

Fill the application form & pay the fees.

3

Selected Candidates will receive
Admission Confirmation Letter.

Program Fee & Scholarship

Program Fee: INR 2,20,000 + GST

Application Fee: INR 10,000 + GST

Scholarships available upto INR 40,000



Program Snapshot

START DATE

Tech Orientation: 22nd September, 2024

Batch Inauguration: 13th October, 2024

CLASS TIMINGS

Project Management: **Sunday: 10 AM - 1 PM***
Business Analytics: **Saturday & Sunday
11 AM - 1 PM IST***

DURATION

12 Months

WEEKLY SCHEDULE

Online classes on Weekends
Self practice/assignments on weekdays

ELIGIBILITY CRITERIA

Basis Candidate **Profile** and **Experience**
Education: **Graduate**

PROGRAM FEE

INR 2,20,000 + GST

APPLICATION FEE

INR 10,000 + GST

EMI options available

* E&ICT IIT-G & Accredian reserve the right to change class timings & curriculum as per faculty schedules & updates to curriculum.

Talk to your Learning Advisor



+91 70631 19228



in association with

accredian
credentials that matter

admissions@accredian.com

www.accredian.com



The World is your Campus

Experience a Transformative Journey to develop a world-class Project Management Mindset and Skillset to emerge as a Global Project Leader.



IITG