



INFRASTRUCTURAL MANAGEMENT



UIAMS

University Institute of Applied
Management Sciences



Infrastructure sector is a key driver for the Indian economy. The sector is highly responsible for propelling India's overall development and enjoys intense focus from Government for initiating policies that would ensure time-bound creation of world class infrastructure nationwide. Infrastructure sector includes power, bridges, dams, roads and urban infrastructure development. In 2016, India jumped 19 places in World Bank's Logistics Performance Index (LPI), to rank 35th amongst 160 countries. Foreign Direct Investment (FDI) received in Construction Development sector from April 2000 to March 2017 stood at US\$ 24.3 billion, according to the Department of Industrial Policy and Promotion (DIPP).

UIAMS has ascended to these challenges by offering the management program in infrastructure which encompasses a comprehensive and well structured curriculum. It not only imparts managerial skills to the students, but also equips the students with ingenuity in infrastructural management by offering functional electives to achieve a critical mass of expertise for effective management of infrastructural challenges globally.

The ambitious capacity building and massive outlay would require the appropriate skilled and learned people in the industry. The MBA Infrastructural program at UIAMS takes into consideration the macro requirements of the economy coupling it with the requisite management skills to prepare students for the future. This would enable them to take their rightful place in nation building.

MBA - INFRASTRUCTURAL MANAGEMENT

EDUCATIONAL BACKGROUND

B. TECH./B.E.

NO. OF STUDENTS : 20



B.SC.

NO. OF STUDENTS : 2



WORK EXPERIENCE



Eligibility Criterion for admission

- Bachelor's degree in **Engineering / Technology**, i.e. **B.E./B. Tech.** (in any Branch) with minimum 50% marks in the aggregate.
- Bachelor's degree in any Science subject with Physics and/or Mathematics with minimum 50% marks in the aggregate.
- Master's Degree in any Science Subject with 50% marks having passed B.Sc with Physics and/or Mathematics.



COURSE STRUCTURE

SEMESTER 1

- Principles and Practices of Management
- Managerial Economics
- Accounting for Management
- Business Statistics
- Organizational Behaviour
- Legal and Ethical Aspects of Business
- Workshop on Information Technology and Systems
- Workshop on Soft Skills

SEMESTER 3

- Project Planning and Analysis
- Sectoral 3 - Infrastructure Project Delivery, Managing Contracts And Negotiations
- Sectoral 4 - Financing Of Infrastructural Projects
- Sectoral 5 - Public Private Participation In Infrastructure Sectors
- Specialization subject - I
- Specialization subject - II
- Specialization subject - III
- Specialization subject - IV

SEMESTER 2

- Business Environment
- Financial Management
- Principles of Marketing
- Human Resource Management
- Workshop on Management Information Systems
- Seminar on Research Methodology
- Sectoral 1 - Introduction To Infrastructural Management
- Sectoral 2 - Regulatory Framework Of Infrastructural Management
- Summer Training & Viva-Voce
- Comprehensive Viva-Voce

SEMESTER 4

- Strategic Management
- Seminar on Corporate Governance
- Workshop on Developing Entrepreneurial Skills
- Operations Research & Total Quality Management
- Research Project
- Comprehensive Viva-Voce
- Sectoral 6 - Environmental Impact Assessment And Sustainable Development
- Sectoral 7 - Emerging Trends In Infrastructural Management
- Sectoral 8 - Urban, Rural And Social Infrastructure Development And Financing
- Specialization subject - I
- Specialization subject - II



FUNCTIONAL SPECIALIZATION GROUPS

MARKETING

SEMESTER 3

1. Market Research & Consumer Behaviour for Infrastructural Projects
2. Advertising & Sales Management of Infrastructural Projects
3. International Marketing of Infrastructural Projects
4. Internet Marketing of Infrastructural Projects

SEMESTER 4

1. Industrial & Rural Marketing of Infrastructural Projects
2. Integrated Marketing Communications for Infrastructural Projects

FINANCE

SEMESTER 3

1. Investment Analysis of Infrastructural Projects
2. Strategic Cost Management of Infrastructural Projects
3. Financial Engineering of Infrastructural Projects
4. Mergers, Acquisitions & Corporate Restructuring In Infrastructure Industry

SEMESTER 4

1. International Financial Management of Infrastructural Projects
2. Management of Financial Services

HUMAN RESOURCE MANAGEMENT

SEMESTER 3

1. International Human Resource Management
2. Organizational Development & Its Applicability In Infrastructure Sector
3. Labour Laws with Special Reference to Infrastructure Sector
4. Performance Management

SEMESTER 4

1. Industrial Relations & Labour Welfare In Infrastructure Sector
2. Training & Development With Special Reference To Infrastructural Projects

OPERATIONS MANAGEMENT

SEMESTER 3

1. Supply Chain Management In Infrastructural Projects
2. Business Process Re-engineering & Its Applications In Infrastructural Sector
3. Advanced Production Management
4. Management of Technology & Innovation in Infrastructural Projects

SEMESTER 4

1. Enterprise Resource Planning of Infrastructural Projects
2. Productivity Management of Infrastructural Projects



STUDENT PROFILE



ABHISHEK MONGA
BACHELOR OF TECHNOLOGY
(CIVIL ENGINEERING)

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Operations and maintenance of
Power plant

COMPANY-Lanco Hydro Power Ltd.



ASHPREET SINGH BAINS
BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Digital Marketing

COMPANY- Elysian Corporation



IPSHA THAKUR
BACHELOR OF ENGINEERING (CSE)

SPECIALIZATION- Human Resource Management

SUMMER INTERNSHIP PROJECT-
Study of market potential in rural areas for
Birla Sunlife insurance Pvt. Ltd.

COMPANY- Aditya Birla Capital



JASPREET KAUR
BACHELOR IN COMPUTER APPLICATIONS

SPECIALIZATION- Human Resource Management

SUMMER INTERNSHIP PROJECT-
Impact of employee engagement on job
satisfaction

COMPANY- Mahindra Finance



NEERAJ CHOUDHARY
BACHELOR OF TECHNOLOGY (ECE)

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Material procurement and Inventory
management

COMPANY- Hero Motors



NIKITA
BACHELOR OF SCIENCE

SPECIALIZATION- Human Resource Management

SUMMER INTERNSHIP PROJECT-
A study of HR profile in an organization

COMPANY- Riva Systems Private Ltd.



PALLAVI HAUSHIK
BACHELOR OF COMPUTER APPLICATIONS

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Social Impact Assessment (SIA), project on
Aerocity expansion GMADA, S.A.S. Nagar,
Punjab

COMPANY- Department of Anthropology,
Panjab University



RAJAT KUMAR
BACHELOR OF SCIENCE

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Branding and advertising strategies for
Aditya Birla Sunlife insurance

COMPANY- Aditya Birla Capital



STUDENT PROFILE



RAJESH MOUDGIL
BACHELOR OF COMPUTER APPLICATION

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Managing guest experience And retention.

COMPANY- Oyo Rooms



SHIVA SHARMA
BACHELOR OF TECHNOLOGY

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Role of supply chain management

COMPANY-Hero Motors



SHRUTI GALHOTRA
BACHELOR OF SCIENCE

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Marketing research and campaign
strategies for ABSLI

COMPANY-Aditya Birla Capital



SONALI SHARMA
BACHELOR OF TECHNOLOGY (COMPUTER ENGINEERING)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Customer satisfaction towards
Product and services of Axis bank

COMPANY- AXIS Bank



SUHAIL JAIN
BACHELOR OF TECHNOLOGY (PRODUCTION)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Applicabilities of AR & VR in emerging
Digital world

COMPANY- Kompanions

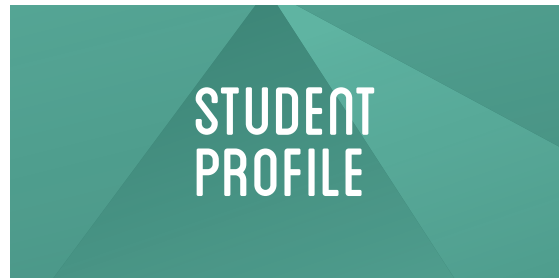


SUNIDHI SHARMA
BACHELOR OF TECHNOLOGY
(ELECTRONICS AND COMMUNICATION ENGINEERING)

SPECIALIZATION- Human Resource Management

SUMMER INTERNSHIP PROJECT-
Hr policies and implementation

COMPANY- Satluj Jal Vidyut Nigam Ltd.



AVINASH KUMAR
BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Zero water waste management
System

COMPANY- Godrej

ABHIMANYU SANDHU
BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Search engine optimization

COMPANY- Elysian Corporation

BHAAVIKA GUPTA
BACHELOR OF TECHNOLOGY (CSE)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Product penetration

COMPANY- HDFC Bank

HARMANJOT SINGH
BACHELOR OF TECHNOLOGY
(MECHANICAL ENGINEERING)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Social media marketing

COMPANY- Elysian Corporation, Mohali

RACHIT GARG
BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Social Impact Assessment (SIA) project
on Aerocity expansion

COMPANY- Department of Anthropology,
Punjab University

SAHIL KATOCH
BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)

SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Scheduling of a construction of a meeting room

COMPANY- Mumbai International
Airport Pvt. Ltd. (GVK)

SAHIL KAUSHAL
BACHELOR OF TECHNOLOGY

SPECIALIZATION- Marketing

SUMMER INTERNSHIP PROJECT-
Applicability of augmented and Virtual
reality in the emerging Digital world

COMPANY- Kompanions

SARWESH GAUR
BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)

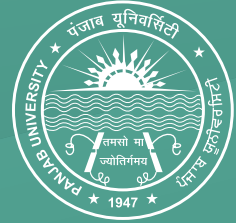
SPECIALIZATION- Operations Management

SUMMER INTERNSHIP PROJECT-
Collaboration with bloggers

COMPANY- Kompanions



INFRASTRUCTURAL MANAGEMENT



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UIAMS

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