



**NIRF
Ranked #2 in
Management**

VISION
To be a global, renowned academic institution fostering excellence in management, innovation and entrepreneurship for business, government and society

Doctoral Programme in Management
A five-year full-time programme leading to PhD Degree that strives to:

- Provide rigorous training in cutting edge inter-disciplinary research in management, and
- Train the next generation of academics that can inspire future business leaders and policy makers.

Areas of Specialization

- Decision Sciences
- Economics
- Entrepreneurship
- Finance and Accounting
- Information Systems
- Marketing
- Organizational Behaviour and Human Resource Management
- Production and Operations Management
- Public Policy
- Strategy

Programme Highlights

- Two years of specialized Doctoral courses
- Structured progress towards degree
- One-on-One research experience with faculty
- Over 100+full time faculty with international reputation
- Publications in leading international journals
- **Over 300+ alumni working as faculty in leading institutes**
- **Over 60% recent graduates hired as faculty in IIMs**
- Access to leading journals and datasets

RESEARCH FACILITIES

- Centres of Excellence**
- Management Communication
 - Public Policy
 - Capital Markets & Risk Management
 - Corporate Governance & Sustainability
 - Israel Centre
 - Mizuho India Japan Study Centre
 - NSRCEL
 - Software & IT Management
 - Supply Chain Management
 - Teaching & Learning
- IIMB Initiatives**
- Behavioural Sciences Lab
 - Consumer Insights
 - Data Centre & Analytics Lab
 - Real Estate Research

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Financial Support and Fellowships

- Full waiver of tuition fees
- Monthly stipend of INR 42,000 to support living expenses.
- Startup and contingency grants for computers, software, and books (upto INR 1 Lakh spread over two years).
- Single seater hostel accommodation is provided for five years of the programme.
- Travel grants to attend multiple international and national conferences (upto INR 3.6 Lakh).
- Several milestone-based awards and merit-based scholarships.

Production & Operations Management

The Production and Operations Management addresses research issues related to manufacturing, services, and technology management. Specific themes, among others, for research include the following: Sustainable Operations, IT Services and Electronic, supply Chain Management, Healthcare and Services, Faculty and students also engage with the Supply Chain Management Centre at IIMB. The Centre brings together practitioners from leading organizations and IIMB's multidisciplinary faculty and students to identify, document, research, develop and disseminate best practices in Supply Chain Management.



Tarun Jain

Associate Professor in Production & Operations Management
Chairperson, Production & Operations Management



Faculty in the Production and Operations Management area work on a variety of research topics with their doctoral students, including strategic sourcing and procurement decisions in supply chain, behavioural operations, sustainable operations, and agricultural supply chain management.

Ayesha Arora, PhD scholar

In her thesis, she develops game-theoretic models to analyze the intensity of advertisements under browser settings that use ad-blocking mechanisms and only allow ads that follow a set of rules and do not cause discomfort to users. She also analyze whether government bodies should regulate the choice of ad-blocking mechanisms.



Ashish Singh Bhandari, PhD scholar

Her thesis topic is 'Impact of battery energy storage system on electricity generation through renewable and non-renewable energy sources'. Her work finds that balancing penalties act as a significant factor in preventing energy markets from the damaging effects of arbitrage and aggravated imbalances.



Core Courses in Production & Operations Management

- Stochastic Models in Operations
- Principles of Inventory Control
- Advanced Supply Chain Management
- Introduction to Game Theory
- Empirical Research in Operations Management
- Optimization Models in OM
- Probability Theory
- Microeconomics
- Linear Programming and Networks
- Statistics I
- Econometrics
- Operations Management (PGP Core)

Shubham Singh, PhD scholar

The key focus area of his research is to analyze the impact of supplier innovativeness in a supply chain network on the firm's innovation, and how different types of buyer-supplier relationships impact the innovation of the firm. He uses different empirical and analytical modelling tools to generate insights into how global supply chains work, and how firms need to design their supply base portfolio.



IIMB
तेजस्वि नावधीतमस्तु

भारतीय प्रबंध संस्थान बेंगलूर

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BANGALORE

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For more information visit us at:

Production & Operations Management Faculty and PhD Research at IIMB:



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join the webinar:

