

**VISION**

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

**NIRF  
Ranked #2 in  
Management**

**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
- Access to leading journals and datasets
- **Over 300+ alumni working as faculty in leading institutes**
- **Over 60% recent graduates hired as faculty in IIMs**

**RESEARCH FACILITIES**

**Centres of Excellence**


- Management Communication
- Public Policy
- Capital Markets & Risk Management
- Corporate Governance & Sustainability
- Israel Centre
- Mizuho India Japan Study Centre
- NSRCEL - N S Raghavan Centre for Entrepreneurial Learning
- Software & IT Management
- Supply Chain Management
- Teaching & Learning


**IIMB Initiatives**


- Behavioural Sciences Lab
- Consumer Insights
- Data Centre & Analytics Lab
- Real Estate Research

Apply online at: <https://www.iimb.ac.in/doctoral-programme-admission>

**For queries: Visit or contact us at:**

 **Admission:** phdadm@iimb.ac.in  
+91.80.2699 3013 / 3017

 **Programme:** doctoralprogramme@iimb.ac.in  
+91.80.2699 3056

 **Contact:** marketing@iimb.ac.in  
+91.80.2699 3382 / 2699 3383



**For WEBINARS and OPEN HOUSE sessions**

register at: <https://iimb.viewpage.co/IIMB-PhD>

**Financial Support and Fellowships**

- Full waiver of tuition fees.
- Monthly stipend of INR 42,000 for 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.

# Decision Sciences

The Decision Sciences area carries out research in theoretical and applied statistics, optimization theory, business analytics, machine learning, artificial intelligence, big data methodologies, and related applications to management problems. Faculty work closely with both industry and government sectors and conduct theoretical and applied research across the entire decision sciences spectrum.



## Jitamitra Desai

*Professor; Chairperson, Decision Sciences, IIMB Chair of Excellence*

In a data driven world, our research in Decision Sciences is vital to developing solutions to a variety of business, government and societal challenges



## Core Courses in Decision Sciences

- Probability Theory
- Mathematical Methods for Management Research
- Linear programming and Networks
- Nonlinear Programming
- Statistical Inference
- Multivariate Statistics
- Dynamic Programming
- Advanced Statistical Methods and Computing
- Integer Programming and Combinatorial Optimization
- Stochastic Models

## Recent Dissertations

- 2022: Time Series Clustering, Testing of Memory in Time Series and Quantifying Dependence in Volatility of Financial Time Series Using Complex Network Theory
- 2021: Evaluation of Policies to Auction, Retain and Value Players Services in IPL and other Sports Tournaments
- 2021: Essays on Next Best Action in Digital Marketing Using Reinforcement Learning
- 2020: Some New Stochastic Processes with Applications in Finance and other Areas



## Aishvarya, PhD scholar

Aishvarya's work is related to data-driven decision-making in the field of online sports regulation. Her thesis focuses on online fantasy sports - a booming industry that is very popular especially among youngsters.



## Anchal Soni, PhD scholar

Anchal's research provides informed and calculated decision-making ability to the advisors of financial markets as well as other areas of research like climate and health sciences.



## Md Shahrukh Anjum, PhD scholar

Shahrukh works on combinatorial optimization. Combinatorial optimization is used to develop efficient solutions for a variety of problems, including airline network problems, deciding which taxis in a fleet should be routed to pick up customers, and determining the optimal way to deliver packages.



IIMB

तेजस्वि नावधीतमस्तु

भारतीय प्रबंध संस्थान बंगलूर

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**For more information visit us at:**

**Decision Science Faculty and PhD Research at IIMB:**

<https://www.iimb.ac.in/decision-sciences>



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join the webinar:

