

Post Graduate Diploma in Management (Online) Specialization in

Data Science & Agentic Al

Duration: 2 Years (Approved by AICTE)







Director's Message



Established in 2011 by RP-Sanjeev Goenka Group under the aegis of IMI Delhi, IMI Bhubaneswar stands on a 16-acre lush green campus. In keeping with its vision, IMIB has distinguished itself by its excellent academic programs, executive education, research across management and related disciplines, and support for entrepreneurs since its inception. Over 500 alumni and 1000+ executives are making a significant contribution to the social and economic growth of India.

The IMI Bhubaneswar is dedicated to cultivating socially conscious and ethically grounded managers who possess contemporary management acumen. To address the evolving business challenges, IMI Bhubaneswar adopts an interdisciplinary approach and incorporates the contemporary analytics domain into its program.

Despite being a young institute, IMI Bhubaneswar has been innovative from the beginning. Our two-year Post Graduate Diploma in Management Program (PGDM) offered business analytics well before other contemporary B-schools. The Fellow Programme in Management (FPM), approved by AICTE, attracts research talent equally from fresh scholars and senior industry practitioners. A recent addition is a two-year Post Graduate Diploma in Management (PGDM-Online) approved by AICTE. The IMI Incubation Foundation is equipped to help qualified individuals start their business ventures. While our faculty are outstanding scholars in their respective disciplines with publications in leading academic journals, they are also inspiring teachers, impactful consultants, award-winning case writers, and policy advisers. Reflecting these strengths, IMI Bhubaneswar has achieved numerous milestones. IMI Bhubaneswar has attained coveted accreditation from the Association of MBAs (AMBA), the National Board of Accreditation (NBA), the Association of Universities (AIU) equivalence for the PGDM Programme, and Graded Autonomy status from the All India Council for Technical Education (AICTE). IMI Bhubaneswar has consistently performed well in national rankings (NIRF), showing its commitment to high-quality teaching, training, research, and Consultancy. IMI Bhubaneswar upholds values like respect for the community, passion for excellence, high ethical standards, and a research-driven approach.

IMI Bhubaneswar has an ambitious vision that is poised to create a significant impact in the industry and local community and provide impetus to the start-up ecosystem. I take this opportunity to extend a personal invitation to all the stakeholders to visit the IMI Bhubaneswar campus and experience the shaping of responsible leaders

About IMI Bhubaneswar

IMI Bhubaneswar, established in 2011, is a young institute which achieved the coveted position of 61st rank in the National Institutional Ranking Framework (NIRF) 2024 conducted by the Ministry of HRD, Govt. of India. IMI Bhubaneswar currently offers Post Graduate Diploma in Management (PGDM), and FPM (equivalent to PhD) programmes which are approved by AICTE.

The flagship PGDM programme is accredited by AMBA (Association of MBAs); NBA (National Board of Accreditation); NAAC (National Assessment and Accreditation Council); and has received equivalence from AlU (Association of Indian Universities). IMI Bhubaneswar draws sustenance through creation; dissemination and application of knowledge which integrates seamlessly with each other to translate into research, teaching and training for our stakeholders. Nested in an ecologically invigorating ambience and sculpted by a renowned architect, IMI epitomizes a "Gurukul."

Inspired by the Prime Minister's vision of Start-up India to create more job creators than job seekers, IMI Bhubaneswar has created robust entrepreneurship cell which has recently organized number of workshops and events and trained over 250 participants on entrepreneurship in collaboration with Department of Science & Technology, Institute of Entrepreneurship Development, MSME Department and National Entrepreneurship Network (NEN). IMI Bhubaneswar has also set up its own Incubation Foundation to promote and support entrepreneurship among students



About IMI Bhubaneswar

IMI Bhubaneswar has endeavored to create international alliances through its tie-ups with EGADE Business School, Mexico City, Mexico; Sichuan Academy of Social Sciences (SASS), Chengdu, China; ESC Rennes, France; and Manhattan Institute of Management (MIM), NY, USA. IMI Bhubaneswar organizes three international conferences every year in collaboration with international partners, an ecosystem for institute to provide global learning, opportunities for international level student exchange, research collaborations, and opportunities to interact with global leaders.

The institution is also regularly coming out with SCOPUS indexed conference anthologies published by Palgrave Macmillan. The PGDM programme curriculum is periodically updated to meet the ever-changing needs of the industry. Focus is on developing functional & analytical knowledge and skills, leadership, human capital management & interpersonal skills, decision making and problem solving, ethics & corporate social responsibility and globalization. Entire range of new age courses like Digital Marketing, Business Analytics, HR Analytics, Marketing corporate world.

Analytics, Financial Analytics etc are added to match with the growing needs of the IMI Bhubaneswar offers students opportunities for holistic development inside and outside classroom through events, outdoor games & competitions, and live projects. All these events and competitions are planned and executed by the students.

Therefore, the Institute takes pride in calling itself a student-driven campus. Institute not only teaches students to be socially responsive but also give them platform in the form of Prayas Club and Unnat Bharat Abhiyan to work for the upliftment of mankind and society at large. The institute has been consistently ranked high in various surveys of Management Schools. In NIRF 2024, IMI Bhubaneswar has been rated higher than many reputed management institutes on parameters like corporate linkages, intellectual capital, Infrastructure etc. by various reputed ranking agencies.

The institute has been awarded the Business Excellence Award in the world, The Bizz by Worldcob, USA. Placements have been 100% since inception. IMI B has world-class aesthetically designed infrastructure for facilitating enhanced learning environments. Overall, education at IMI Bhubaneswar is based on three powerful concepts of Creation of Knowledge, Dissemination of Knowledge and Application of Knowledge through its robust research culture.

Accreditation & Association



























Program Overview

Online **Post Graduate Diploma in Data Science** - Specialization in **Generative and Agentic AI** is a comprehensive 24-month online program from IMI Bhubaneswar, designed for both working professionals and recent graduates. This AICTE-approved diploma mirrors the academic rigor and content of IMI's full-time programs, delivering essential knowledge and skills in both core management functions and advanced data science and AI applications. It's ideal for individuals seeking formal management education with a strong data-driven focus, especially those balancing work commitments or facing personal reasons preventing on-campus enrollment

Programme Highlights



AICTE Approved



Industry-recognised Certifications



Real-life Capstone Project



3 Days of Campus Immersion



Application-based Learning



IMI Bhubaneswar Alumni Membership



Placement Assistance

Business Management with Data Science

Empowers professionals to lead organizations using data-driven insights. It combines traditional management functions like planning, organizing, leading, and controlling with the analytical power of data science and AI. This skillset enables managers to identify trends, predict outcomes, optimize operations, and make strategic decisions based on evidence rather than intuition. Professionals in this field translate complex data into actionable business strategies, driving efficiency, innovation, and competitive advantage in today's dynamic, data-rich global market. This fusion is crucial for any organization aiming for sustained growth and smart decision-making

Business Essence with Data Science

1. Data-Driven Strategic Planning

Utilizing predictive analytics & market trend analysis to set realistic goals, identify new opportunities, and formulate robust business strategies



2. Optimized Decision-Making

Utilizing predictive analytics & market trend analysis to set realistic goals, identify new opportunities, and formulate robust business strategies



3. Enhanced Operational Efficiency

Utilizing predictive analytics and market trend analysis to set realistic goals, identify new opportunities, and formulate robust business strategies



4. Customer-Centric Innovation

Developing products, services, and experiences that truly resonate with target customers



5. Effective Performance Monitoring & Control

Tracking key performance indicators (KPIs), identifying deviations from targets, and taking timely corrective actions



6. Risk Management & Fraud Detection

Proactively identifying, assessing, and mitigating potential financial, operational, or security risks



7. Translating & Communicating Data Insights

Bridging the technical gap by transforming complex analytical results into clear, actionable recommendations for nontechnical



8. Managing Data Science Projects & Teams

Overseeing the entire lifecycle of data projects, from problem definition and data collection to model deployment and maintenance. This includes managing data scientists and engineers



A blended learning path for Business Management with Data Science & AI skills is an excellent approach, combining the flexibility of online resources with the richness of in-person interactions, structured programs, and practical experience

Core Philosophy of Blended Learning

- Online Components: For flexibility, foundational knowledge, technical skill acquisition, and self-paced learning.
- In-Person Components: For deeper discussions, networking, collaborative projects, case studies, guest lectures, and direct mentorship.
- Experiential Learning: Internships, projects, and simulations for practical application and portfolio building.

Program Structure



Core Business Principles

Business Strategy, Marketing Management, Financial Accounting & Management, Operations Management, Human Resource Management, Organizational Behavior, Project Management



Applied Data Science & AI

Statistics for Business Analytics- Applying statistical methods to business problems to draw valid conclusions and make predictions.

Python for Data Science & AI – AI/ML, Generative and Agentic AI models are used to solve specific business problems



Introduction to Data Science & AI

"What is Data Science?", "AI for Everyone",
"Introduction to Machine Learning" Grasping core
concepts, terminology, and the potential applications
of data science and AI in business



Advanced Concepts & Specialization

Ethical AI & Data Governance, Domain-Specific AI Applications, Strategic AI Implementation & Management Focus on specific industries: Fintech, BFSI,



Business Intelligence & Storytelling Fundamentals

Learning to understand, interpret, present data effectively and translate complex data insights into clear, actionable business recommendations using common business tools like Excel Base & Advanced, SQL, Alteryx, Power BI & Tableau



Corporate Internships: Gaining Real-World Experience

Internships are invaluable for translating theoretical knowledge into practical skills and building a professional network. Companies actively seek candidates who can bridge the business and data worlds.



Learning outcomes

The learning outcomes for a "Post-Graduate Diploma in Data Science and AI," structured to reflect both management and technical competencies:

Upon successful completion of this program, participants will be able to:

- **1. Integrate Data Science & AI into Business Strategy:** Understand the strategic implications of data science and AI, and apply these technologies to drive business growth, innovation, and competitive advantage across various industries.
- **2. Apply Core Management Principles:** Demonstrate a strong understanding of fundamental management functions including planning, organizing, leading, and controlling, enhanced by data-driven decision-making.
- **3. Perform Data Analysis and Interpretation:** Utilize statistical methods and analytical tools (e.g., SQL, Python, Excel) to collect, clean, analyze, and interpret complex datasets for actionable business insights.
- **4. Develop & Apply Machine Learning Models:** Understand the principles of machine learning and AI and be able to apply common algorithms to solve business problems such as prediction, classification, clustering, and optimization.
- **5. Translate Data Insights into Business Recommendations:** Effectively communicate complex data findings and analytical results to diverse stakeholders (technical and non-technical) through compelling data visualizations and storytelling, fostering data-driven decision-making.
- **6. Manage Data-Driven Projects:** Lead and manage data science and AI projects, including defining project scope, managing resources, overseeing data pipelines, and ensuring ethical and responsible data usage.
- **7. Optimize Business Operations with AI:** Leverage AI and data analytics to enhance operational efficiency, improve supply chain management, personalize customer experiences, and optimize resource allocation.
- **8. Understand Ethical & Governance Aspects of AI:** Critically evaluate the ethical implications of AI deployment, understand data privacy regulations (e.g., GDPR, India's DPDP Act), and implement best practices for data governance.
- **9. Promote Innovation through AI & Data:** Identify opportunities for new product development, service enhancement, and business model transformation by harnessing the power of data and artificial intelligence.
- **10. Adapt to Evolving Technologies:** Develop a mindset for continuous learning and critically assess emerging trends and technologies in data science, AI, and their applications in the business world.

Program Curriculum

SEMESTER-1

- Financial Accounting and Analysis
- Quantitative Techniques
- Managerial Economics
- Operations Management
- Managerial Communication
- Introduction Business Analytics using Excel Base & Advanced
- Introduction DBMS Programming using SQL
- Business Communication & Leadership
- Semester-1 Exam

SEMESTER-2

- IT and IS for decision-making
- Marketing Management
- Financial Management
- Human Resource Management
- Corporate Governance & Managerial Ethics
- Advanced Data Visualization Using Power BI & Tableau
- Introduction to Data Science & Programming (Python & SAS)
- Statistical Data Analysis Using Excel, Python & SAS
- Semester-2 Exam

SEMESTER-3

- Research Methodology
- Elective-1
- Elective-2
- Elective-3
- Elective-4
- Semester-3 Exam

SEMESTER-4

- Strategic Management
- Elective-5
- Elective-6
- Elective-7
- Elective-8
- Semester-4 Exam



Programme Electives

MARKETING

- Retail Marketing
- Consumer Behaviour
- Services Marketing
- Strategic Marketing
- Product & Brand Management
- International Management
- Sales and Distribution Management
- Key Account Management
- Marketing Analytics

BUSINESS ANALYTICS & DATA SCIENCE

- Python Machine Learning Fundamentals
- Python Advanced Machine Learning
- Python Deep Learning & Neural Networks
- Python Natural Language Processing (NLP) & Text Analytics
- Introduction to Generative AI
- Introduction to Agentic AI
- Al Ethics, Governance & Responsible Al
- Data Science & Gen Al Application & industry Projects
- Cloud Computing for AI (AWS/Azure/GCP)
- Industry Mentorship
- Industry Real-time projects
- Internship

HRM

- · Recruitment and Selection
- Training and Development
- Performance and Compensation
 Measurement
- HR Analytics
- Employee Engagement
- Indian Labour Laws
- · Organizational Theory and Design
- Conflict Management and Negotiations

OPERATIONS

- Logistics and Supply Chain Management
- Project Management
- Quality Management and Six Sigma
- Operations Strategy
- Management Science Applications
- Supply Chain Analytics
- Service Operation Management
- Agile Project Management

FINANCE

- SAPM
- International Finance
- Fixed Income Security Valuation
- Fintech
- Financial Analytics
- Mergers and Acquisitions
- Investment Banking
- · Financial Markets

- Entrepreneurial Finance
- Cost and Management Accounting
- Financial Derivatives & Risk
 Management
- Computational Finance
- Financial Modelling
- Wealth Management
- Equity Evaluation

Data Science Skills & Application

DBMS Programming:









Data Analysis & Visualization:

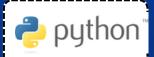








Data Mining (Predictive Modeling, Machine Learning, Deep Learning, Generative AI & agentic AI):













Cloud Computing:





Learning Platform:



Live online & recorded sessions



Industry Projects



LMS Access



Industry Mentorship

Our Prominent Recruiters





































































































IMI & DV Data & Analytics Partner for Advanced Data Science & Gen Al Training

IMI has teamed up with DV Data & Analytics to deliver industry-aligned Advanced Data Science & Gen AI training, equipping students with hands-on skills. This collaboration connects learners with global placement opportunities, bridging the gap between education and real-world tech careers. Gain expertise in cutting-edge AI tools, work on live projects, and unlock high-growth job prospects worldwide.

About DV Data & Analytics

Industry Experts and Trainers



Dr. Debendra D Das

MBA in IT and Business Analytics, FPM & GMITE from IIMB and International School of Business Research (ISBR)

Dr. Das has over 19+ years of industry experience in the field of data science, having worked across healthcare, telecom, retail, and banking credit risk domains. He has trained more than 7,000 data science professionals, both in corporate settings and individually, for over a decade. Mr. Das is skilled in

delivering industry-specific data analytics solutions, including DBMS reporting, visualization, and automated actions for strategy building using machine learning and artificial intelligence. Professional Experience: **UHG, Tata, IBM, HP and HSBC**



Mr. Venkat Reddy Konasani

MSC Applied Mathematics, Indian Institute of Technology Bombay (IIT Bombay)

Mr. Venkat brings extensive industry experience as an applied Data Analyst and Data Scientist, with 15 years in the field. Additionally, he has over 8 years of experience as a Corporate Trainer, having handled nearly 100 corporate batches. Venkat is the author of the books 'Practical Business Analytics Using SAS' and 'Machine Learning and Deep Learning using

Python and TensorFlow.' His expertise spans credit risk model building, market response model building, social media analytics, and machine learning.

Professional Experience: CITI, HSBC & HP

Our Faculty



Prof. Supriti Mishra

Prof. Supriti Mishra is an expert in the area of Corporate Strategy, CSR and Corporate Governance. She has extensively published in these areas in peer-reviewed journals indexed and abstracted in FT50, Scopus and Web of Science. She has also published management cases in Ivey publishing and Asian case research journal of NUS, Singapore. Currently she works as a Full Professor in the Bhubaneswar campus of International Management

Institute (IMI), which is one of the top runners among B schools in India. She sits on the Boards of companies and educational institutions. Currently she serves on the Board of Odisha Agro Industries Corporation as an Independent Director and in SparkSpot, a start-up in Bhubane- swar, as an Advisor - People and Strategy. She is also a Domain Expert, Research & Development Committee of N. L. Dalmia Institute of Management Studies & Research, Mumbai, India and Member, Board of Studies in F. M. University, Balasore, India. She is associated with many companies as a Consultant and Trainer.



Prof. Rahul Gupta Choudhury

Prof. Rahul Gupta Choudhury is Dean-Career Development & Alumni Relations and Associate Professor of Marketing in International Management Institute (IMI), Bhubaneswar. He has fourteen years of experience in the corporate sector and another fourteen years of experience in academics. Dr. Choudhury has worked in very large

corporations as well as multinationals in sales and marketing as well as supply chain management. He is a chemical engineer from NIT, Durgapur and did his PGDM from IIM, Lucknow; he was also a Fulbright scholar in Carnegie Mellon University, USA. He has published many research papers in reputed national and international journals. He has presented papers in national and international conferences, both in India as well as abroad. His Ph.D. is in the area of marketing strategy which continues to be his major area of interest in research. He is also very keen on research related to consumer behavior as well as sales and distribution.



Prof. Debidutta Pattnaik

Prof. Debidutta Pattnaik is an Assistant Professor at IMI, Bhubaneswar. His teaching interests include Corporate Finance, Trade Finance, Financial Economics, and Advanced Research Methods. Along with teaching, Dr. Pattnaik is an active researcher in the areas of Corporate Finance, Trade Credit, Al & ML, and Bibliometrics. He has published in numerous journals ranked A* and A such as Journal of

Corporate Finance, Financial Review, Journal of Forecasting, Economics Modelling, Journal of Business Research, International Journal of Research in Marketing, Journal of Service Research, etc. Dr. Pattnaik has over fourteen years of industrial experience in development finance. financial services. and pharmaceuticals.

Our Faculty



Prof. Shirshendu Ganguli

Shirshendu Ganguli is Associate Professor (Marketing) at International Management Institute Bhubaneswar. Before this, he has worked at T. A. Pai Management Institute, Manipal and IFHE University (IBS, Hyderabad) & Aegis School of Telecommunication, Indore, India. He has a Ph.D. from Icfai University, Dehradun, India. He was a visiting

faculty at IIM Ranchi in 2021. Before joining academics, Shirshendu Ganguli has worked in corporate in the area of sales & marketing and business development. His current research and teaching interests focus on services marketing, service quality, marketing research, research methodologies, customer experiences & customer relationship management.



Prof. Pratyush Banerjee

Prof. Banerjee is Area Chair- Executive Education Area at IMI Bhubaneswar. He holds PhD in Management with specialization in the area of HRM. Before joining IMI, he has worked at various institutions of repute including Xavier Institute of Management (XIM) University, Bhubaneswar, T.A. Pai

Management Institute (TAPMI), Manipal, and Birla Institute of Technology and Science (BITS) Pilani. He has also worked briefly in the RPO and Telecom sectors. Overall, he has over 9 years of teaching, research and industry experience. Apart from his teaching and research experience, he has undertaken various Management Development Programmes with organizations such as IOCL, HPCL, Poclain Hydraulics and CGI.



Prof. Aritra Pan

Prof. Aritra Pan is an Assistant Professor in the area of Information Systems at International Management Institute (IMI), Bhubaneswar. His work and research interests include analytics in the dimensions of financial markets, strategic consulting, cost-growth strategy, client profiling, healthcare and social sciences using predictive modeling and research skills.

Career Assistance Services Provided by IMI Bhubaneswar

Interview Opportunities

A candidate will get a chance to appear in three Interviews



Career Coaching

Feedback Session for Resume and Linkedin will be provided by a Professional Career Coach along with Career Goal Discussion.



Career Service Workshop

Resume Building Session, Enhancing Linkedin Account and strategy for Landing in a correct Job.



Interview Workshop

Skills to improve in the Interview Session will be given and individual feedback will be shared to improve.



Industry Networking

- Seminar and Webinar by different Industry Leaders
- Part of Industry Expert discussions throughout the tenure of the program
- Customize workshops by Industry Leaders Emotional Intelligence, Advanced Excel etc.
- Regular Career Counselling Sessions.



Pedagogy

The primary method of instruction will be through LIVE virtual lectures that will be beamed online via the internet to desktops/laptops of students or classrooms. The lectures will be delivered by eminent faculty from IMI Bh. The programme's teaching methodology and approach is designed to leverage technology and maximize interaction seamlessly and simultaneously across geographies. The programme follows a tried, tested, and proven pedagogy that is a blend of lectures, case studies, white papers, lecture-discussions, behavioral and simulations, gamification, real-life projects, assignments, class presentations, role plays, and quizzes, among others

Programme Delivery

Sessions will be conducted via a state-of-the-art Interactive Learning (IL) platform and delivered in Direct-to-Device (D2D) mode that can be accessed by learners on their Desktop, Laptop, Tablet, or Smartphone





Who Should Attend?

- Fresh graduates and working executives seeking to advance in their careers in managerial position.
- Entrepreneurs who want to apply managerial knowledge and skills in their business Practices.

Eligibility Criteria

 A Bachelor's Degree or its equivalent in any discipline with minimum 50% aggregate marks or equivalent CGPA

Admission Criteria

The selection will be based on a candidate's profile evaluation, subject to meeting eligibility criteria.

Attendance Criteria

A minimum of 75% attendance is a prerequisite for the successful completion of the programme.



Assessment & Evaluation

The evaluation methodology is at the discretion of the faculty. The methodology includes online exams, case analysis, class contribution, and any other component as decided by the faculty. The programme may require participants to work on individual/group assignments and/or projects. The main objective of such assignments/projects will be to help the participants apply their conceptual learning in the programme to actual organizational decision scenarios. The participants will have to secure the minimum pass marks in the respective evaluation components.

Certification

Participants completing all the evaluations will be awarded PG Diploma in Management from IMI Bhubaneswar



Application Fee- 2,000 Total Program Fee- 4,50,000

Option-1

If the candidate pays the complete fee in 2 instalments, a waiver of Rs. 20,000 is applicable on the total amount

INR-2,30,000 After Receiving the Selection Email INR-2,00,000 Before 31st Dec 2025

Option-2

Instalment-1 - 1,30,000 Instalment-2 - 1,20,000 Instalment-3 - 1,00,000 Instalment-4 - 1,00,000

Program Timelines

- Last Date to Apply Kindly Refer to the website
- Program Start Date- Last week of August 2025
- Program End date- Last week of July 2027
- Payment Link

^{*}Loan option available in 6,9 & 12 EMIs from loan partners



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