

Jio Institute **Newsletter**

One-year, Full-time, Residential PGP in

- **Artificial Intelligence & Data Science**
- **Management (Specialization in Marketing)**
- **Sports Management**



Our Campus

Jio Institute, Sector 4, Ulwe, Navi Mumbai,
410 206, Maharashtra, India

www.jioinstitute.edu.in

2024-25

“Education is all about igniting young minds and enabling them to attain their fullest potential.”

Nita M. Ambani

Founder Chairperson,
Reliance Foundation Institution of
Education & Research



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STUDY ABROAD MODULE

STUDY ABROAD MODULE

Our students have successfully completed their study abroad module. This international immersion module is a pivotal component of Jio Institute's curriculum, underscoring the Institute's dedication to offering students meaningful international exposure. As a mandatory programme, it ensures that every student gains the opportunity to study at one of the partner universities, blending academic learning, industry engagement, and cultural enrichment into a holistic experience.

1. The Artificial Intelligence & Data Science and Management (specialization in Marketing) students visited Nanyang Technological University, Singapore from 29th September to 11th October 2024.
2. The Sports Management students visited Hamad Bin Khalifa University (HBKU) in Qatar from 29th September to 11th October 2024.

Below are the details of their courses, industrial exposure and cultural experiences.

PGP Artificial Intelligence & Data Science

Courses Attended and Faculty

<p>Blockchain Technologies Dr. Ernie Teo Senior Lecturer & Program Director, Bachelor of Applied Computing in Finance, College of Business, Nanyang Business School, Singapore</p>	<p>Course Content Introduction to Blockchain, Cryptographic principles, Smart Contracts, Consensus algorithms, Decentralized Applications, Blockchain in Finance, Supply Chain & Healthcare, NFTs, Metaverse applications, Cross-chain technologies</p>
<p>Cyber Security Dr. Anupam Chattopadhyay Associate Professor, College of Computing & Data Science, NTU Singapore</p> <p>Dr. Shivam Bhasin Principal Research Scientist & Program Manager, Centre of Hardware Assurance, NTU Singapore</p>	<p>Course Content CIA Triad and AAA Frameworks, Cyber-Physical Systems (CPS), Side Channel Attacking, AI for Security, Security for AI, and Demonstrations & hands-on Exercises in the Cyber Security Lab at NiCE @ NTU</p>



Industry Immersion

Global Fintech Institute:

The Global FinTech Institute (GFI) is a non-profit think tank that promotes collaboration among regulatory bodies, corporations, and academic institutions. Based in Singapore, GFI tackles challenges in the fintech sector through research, whitepapers, and thought leadership discussions that influence policy and industry standards. The students had the opportunity to engage with GFI leaders on fintech trends and challenges in the APAC region. They also gained insights into the significance of the Chartered FinTech Professional (CFtP) programme and explored innovative fintech products and collaborative industry initiatives.

Seagate Technologies:

Seagate Technologies is an American data storage company incorporated in 1978. It provides a wide-range of storage solutions, including hard drives, hybrid storage arrays, and multi-cloud storage platforms. The students learned about Seagate’s commitment to data security and product integrity and next-gen storage solutions like the HAMR (Heat-Assisted Magnetic Recording) technology. They engaged in discussions on the impact of AI and big data on every-increasing data storage needs.

PGP Management (specialization in Marketing)

Courses Attended and Faculty

<p>AI & Marketing Prof. Jonathan Briggs, Adjunct Associate Professor (Business), National University of Singapore</p>	<p>Course Content AI applications in Marketing, tools for automating marketing analytics, AI automation for routine tasks, mental models for AI integration, LLMs, Neural Networks and Embeddings, ethical considerations</p>
<p>Strategic Marketing Dr. Lewis Lim Associate Professor of Marketing, Nanyang Business School, NTU Singapore</p> <p>Dr. Caleb Tse Assistant Professor of Marketing, Nanyang Business School, NTU Singapore</p>	<p>Course Content Brand elements & equity, Repositioning strategies, price & product quality, customer loyalty in luxury markets, strategic focus and market share, accountability in marketing, 3Es of product launches</p> <p>Case Studies: Giordano, Jio, Shein</p>



Industry Immersion

Porsche APAC:

Porsche AG is a German automobile manufacturer specializing in luxury, high-performance sports cars, SUVs and sedans, headquartered in Stuttgart, Germany. The students interacted with Mr. Yannick Ott, Marketing Director and delved deeper into the nuances of personalized luxury experiences and emotional connections. They also toured Porsche's Lifestyle store and Experience Zone.

Mastercard:

Mastercard is an American multinational payment card services corporation headquartered in New York, USA. The students met the Mastercard Marketing team at their office in Singapore, and discussed AI's role in personalizing financial marketing and how AI can be applied for consumer engagement.

PGP Sports Management

Courses Attended and Faculty

Global Sport-1 Dr. Kamilla Swart Director, Master of Science in Sport and Entertainment Management Program, HBKU, Qatar	Course Content From South Africa 2010 to Qatar 2022
Global Sport-2 Mr. Abdullah Al-Marri Association Football Referee, Qatar	Course Content Introduction to The Role of Sport in Qatar: Reflections from a Qatar 2022 Referee and Others
Global Sport-3 Dr. Nicholas Masafumi Watanabe Associate Professor & International Graduate Program Director, Department of Sport and Entertainment Management, College of Hospitality, Retail and Sport Management, University of South Carolina, USA	Course Content Economics, analytics, and AI – The future of international sport management
Sustainability in Sport H.E. Eng. Khalid bin Ahmad Al-Obaidli President of the Real Estate Regulatory Authority, Qatar	Course Content Site visit to 974 Stadium and lecture.
Transforming Football Dr. Valter di Salvo Director-Football Performance and Science, Aspire Academy, Qatar	Course Content Discussed the case of the Aspire Project from Qatar

Transforming Football- A Case from Qatar: Panel Discussion

Mr. Adel Saad

Chief Executive Officer, sKora Tech, Al Rayyan, Qatar

Ms. Mariama Bukari

Founder, Black Strikas FC, Ghana

Dr. Jens Schneider

Assistant Professor, Division of Information and Technology,
College of Science & Engineering, HBKU, Qatar

Dr. Kamilla Swart

Director, Master of Science in Sport and Entertainment Management Program, HBKU, Qatar

Qatar Stars League (QSL)

Dr Ahmed Khellil Abbassi

Executive Director, Competitions & Football Development, QSL

Mr. Mauro Saraiva,

Football Performance Analyst, QSL, Sport Expert Lecturer



Asian Games 2030 & Beyond Eng. Fahad Ebrahim Juma Muhana Director, Strategy & Sustainability-SSD, QOC, Qatar	Course Content A visit to the Qatar Olympic Foundation (QOF) and a session with a senior official of the committee.
Global Sport-4 Dr. Michael Linley Senior Research Fellow, Health & Sport, Victoria University, Australia	Course Content International sports management
Qatar Foundation Headquarters Mr. Muhammad Hassan Visitor Relations Specialist, Qatar Foundation	Course Content Panel discussion with the students
Women in Sport in Qatar: Panel Discussion Ms. Liz McColgan-Nuttal Director of Athleticism, Qatar Foundation, Olympic Medalist, 10000 m., 1988 Olympics Ms. Nada Wafa Head of Olympic Solidarity, Qatar Olympic Committee Ms. Mariama Bukari Founder, Black Strikas FC, Ghana Ms. Yara Zeyad Ali, Student- Master's of Sports Science & Entertainment Management Programme, HBKU, Qatar Dr. Kamilla Swart Director, Master of Science in Sport and Entertainment Management Program, HBKU, Qatar Dr. Christos Anagnostopoulos Assistant Professor, UNESCO Chairholder on Governance and Social Responsibility in Sport, College of Science and Engineering, HBKU, Qatar	Panel Discussion: eSports in Qatar Mr. Rabah Qunnaby, CEO Project Infinite Dr. Kamilla Swart Director, Master of Science in Sport and Entertainment Management Program, HBKU, Qatar Dr. Nicholas Masafumi Watanabe Associate Professor & International Graduate Program Director, Department of Sport and Entertainment Management, College of Hospitality, Retail and Sport Management, University of South Carolina, USA
Generation Amazing Foundation (GA) Mr. Nasser Al Khor Executive Director, Generation Amazing Foundation, Qatar	Quest- eSport Site Visit Dr. Nicholas Masafumi Watanabe Associate Professor & International Graduate Program Director, Department of Sport and Entertainment Management, College of Hospitality, Retail and Sport Management, University of South Carolina, USA

Industry Immersion

Students visited the 3-2-1 Qatar Olympic & Sport Museum on 2nd Oct 2024, guided by Mr. Ahmed Mohammed Al Mohanadi, Head of Visitor Services, the first such sport-oriented stadium in the Middle East. They also had a talk on how sports events are being integrated into the Museum.

Aspire Academy

This leading institution is focused on developing Qatari athletes, while providing education. The visit on 2nd Oct 2024 was anchored by Ms. Zeina Jaber, Visitor Relation Specialist, Aspire Zone Foundation.

Khalifa International Tennis and Squash Complex

The students visited this state-of-the-art venue as part of the HBKU students' Venue Management class on 7th Oct 2024.

Khalifa International Stadium:

The students visited Qatar's premier sporting facility, which also hosted the 2022 FIFA World Cup on 2nd Oct 2024. The tour was guided by Ms. Zeina Jaber, Visitor Relation Specialist, Aspire Zone Foundation

Georgetown University:

The students had a seminar in sport by Prof. Danyel Reiche, Visiting Research Fellow, Center for International & Regional Studies (CIRS), GU, Qatar on 7th Oct 2024.

Lusail Stadium:

The students visited the largest stadium in Qatar and the Middle East by capacity, built for the 2022 FIFA World Cup.

Cultural Immersion

1. The students in Singapore visited iconic historical and cultural landmarks such as Gardens by the Bay, Universal Studios, the Merlion Statue, Marina Bay Sands, and many more.
2. The students in Qatar explored Souq Waqif (the standing market), Al-Shaqab Equestrian Centre, Education City Mosque, a walking tour of Corniche MIA Park, Box Park, Mina District, Vendom Mall, Qatar National Museum, and much more.
3. These cultural experiences offered students the opportunity to immerse themselves in diverse cultural environments, complementing their overall growth journey towards becoming responsible global citizens.



CONVERGENCE-2024 @SINGAPORE

CONVERGENCE

Convergence is a platform for knowledge exchange and collaboration between industry professionals and academia. The initiative offers a unique opportunity for participants to gain first-hand knowledge of the latest technological developments and innovations poised to disrupt the job market.

Convergence 2024 comes at a pivotal time when advancements in technology, shift in global economic trade patterns, emerging new business models, growing awareness over sustainable practices, and evolving geopolitical environment are reshaping the new work order of 'workforce transition.'

Convergence-2024 @Singapore

Jio Institute hosted Convergence 2024 in Singapore on 11th October 2024. The conference aimed to bridge the gap between industry and academia, addressing the challenges of shaping the future workforce amidst rapid technological advancements. This year's theme, 'AI and the Future of Work,' set the stage for insightful discussions. The conference featured two panel discussions: 'Tech & Transition: Convergence of AI Across Sectors' and 'Navigating the Future: Breakthroughs & Perspectives from New-age Start-ups.' Convergence 2024 was attended by nearly 150 participants, including:

- Industry leaders
- Start-up founders & innovators
- Leadership of industry associations
- Academicians and researchers
- Investors
- Thought leaders & global scholars, and
- Jio Institute students & leadership



Speakers & Panelists

Inaugural Address

Convergence 2024 commenced with a powerful Inaugural Session, featuring keynote addresses from Jio Institute leadership alongside distinguished APAC leaders. The session kick-started a series of thought-provoking discussions, each speaker emphasizing the strategic role of innovation and collaboration in shaping the future of education and industry within the APAC region.

Dr. Dipak Jain Vice Chancellor, Jio Institute	Dr. Palak Sheth Project Director, Jio Institute
Mr. Shivkumar Shukla Head-Public Policy, Govt. Affairs & Growth Projects, Jio Institute	Mr. Pratik Mazumdar President, TiE Singapore
Mr. Emmanuel Pillai Head ASEAN-Education & Training, Amazon Web Services, Singapore	Mr. Bidyut Dumra Group Head of Innovation, DBS Bank, Singapore

Panel 1: Tech & Transition: Convergence Of AI Across Sectors

The panel brought together industry leaders to explore how AI is transforming diverse fields such as manufacturing, sports, consulting, and management. The panellists delved into the profound impact that AI-driven technologies are having on operational efficiency, decision-making, and user-experiences across industries. The discussion underscored the growing reliance on data-led predictive analytics and AI-driven strategies, particularly in enhancing leadership roles and creating new business opportunities.

Mr. Manish Pant Executive Vice President, International Operations, Schneider Electric, Singapore	Mr. Nischal Khorana Global Vice President & Program Leader, Frost & Sullivan, India
Ms. Priya Khanna Senior Director, Consumer Strategy, Insights & Analytics, APAC, PepsiCo	



Panel 2: Navigating The Future: Breakthroughs & Perspectives From New-age Startups

The panel discussion centred on the revolutionary innovations emerging from new-age start-ups and the role of AI in driving transformation across industries. Startup founders shared valuable insights into how their dynamic business models utilise AI and cutting-edge technologies to disrupt traditional business practices and create new opportunities, particularly in an increasingly digital and competitive global market.

Mr. Gaurav Bubna Co-Founder, NextBillion.AI, Singapore	Ms. Jeanne Lim Co-Founder & CEO, beingAI, Hong Kong, China
Mr. Arun Sethuraman Founder & CEO, Crely Inc	

Convergence 2024 highlighted the importance of long-term collaborations between academia and industry, focusing on upskilling and reskilling to keep pace with advancements in AI, fintech, healthcare, and digital marketing. Industry leaders stressed that curricula should emphasize both technical and soft skills—communication, teamwork, leadership, and adaptability—as automation grows. Human skills like emotional intelligence and people management will be crucial for building inclusive, diverse workplaces



INTERNSHIPS

2024-2025

INTERNSHIPS

Our students embarked on their internships from 20th October 2024. These internships at leading organizations serve as a platform to apply academic knowledge in real-world settings. They provide hands-on experience in various functions and facilitate the development of professional networks. Interns work on specific projects, gaining practical skills and insights that are crucial for their future careers. More than 50 companies have offered internship projects to the students of all three programmes.

The students have successfully completed one month of their internships, working on impactful projects across a variety of industries, including Retail & E-commerce, IT/ITeS, FMCG/FMCD, Sports & Entertainment, Consulting, Manufacturing, and more. They are expected to return from their internships around 15th December 2025, after which they will resume their academic activities for the 3rd Quarter.

Internship Projects

The PGP students are working on a wide-range of projects as part of their internships, in the areas of their interests. These projects are mentored by business leaders, with continuous guidance and evaluation from the Office of Career Services. Some of the key areas in which the students are working include:

Artificial Intelligence & Data Science

- Data Science & Data Analytics
- AI/ML Engineering
- ML Ops & Data Ops
- Generative AI
- Consulting (Business, Management, Tech)

Sports Management

- Sports Research and Analytics
- Team and Athlete Management
- Sports Media and Content Management
- Sports Operations & Program Management
- Business Development and Strategy

Management (specialisation in Marketing)

- Digital Advertising and Programmatic Strategies
- E-Commerce & Retail Analytics
- Consumer Segmentation & Marketing Strategy
- Product & Platform Optimization
- Market Research & Benchmarking



Internship Projects

Artificial Intelligence & Data Science

- McDonalds
- Suzlon Energy Ltd
- Schoolnet
- TCS
- Reliance PetChem
- Razorpay
- Just Dial
- SproutLife Foods Pvt Ltd (Yoga Bar)
- Segumento
- Reliance Retail- Fynd
- Innoviti Technologies
- Pine Labs
- Jio Studio
- Reliance Retail
- Jio Platforms
- EY LLP
- Axis Mutual Fund
- Nivea
- Piramal Finance
- Axis Bank
- DBS
- Innoviti Technologies
- Kotal Mahindra Asset Management Company
- Loyalty Rewards
- Dabur

Sports Management

- StepOut Play
- Emst & Young
- Vijayi Bharat
- Sports Interactive
- IOS Sports & Entertainment
- Collearn
- Sportseed
- NP
- FC Madras
- Adani Sports Line

Management (specialisation in Marketing)

- UNIBIC
- Marico
- Bold Care
- Vibrant
- Reliance Retail
- IFB
- PVRINOX
- Indo Nissin
- Dabur
- Reliance Industries Ltd
- JSW Steel
- Bestsellers
- Indusind Bank
- Jio Financial Services
- McDonalds
- Paytm
- Raymonds
- Tata Consumer Products
- Jio World Center
- Nivea
- Jio Platforms Ltd
- Just Dial



INTERNSHIP PROJECTS

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The PGP students are working on a wide-range of projects as part of their internships, in the areas of their interests. These projects are mentored by business leaders, with continuous guidance and evaluation from the Office of Career Services.

Below is a list of the most exciting projects that the students are working on, and a complete list of all their projects.

Artificial Intelligence & Data Science

- Finetuning LLM Model for Tax at EY:** The student is pretraining OpenAI by cleaning bare acts, laws, and rules by performing Mask Language Modelling. This is generating synthetic datasets on bare acts to prepare instruction datasets. This model will be finetuned on Azure AI Studio. They are also working on 'AI-powered PPT Generator', where he has bootstrapped the process of creating presentations on EY's template while maintaining the design theme from their documents
- Advanced Analytical Framework for Customer Risk and Fraud Detection in Banking at Piramal Finance:** The student is developing an analytical framework to assess customer risk and detect potential financial fraud using advanced data-driven metrics and predictive modeling. The project focuses on identifying risky customers based on the bank account statements provided during loan applications. The project lays emphasis on analyzing spending trends, constructing robust variables to evaluate risk metrics, and detecting fraud patterns
- Supply Chain Management Material Time Series Forecasting at Suzlon Energy:** The student is developing a predictive model to accurately forecast six-month future consumption of critical and alternate materials, facilitating effective inventory management and minimizing risks associated with overstocking or shortages. This forecasting capability is essential for maintaining operational efficiency and reducing supply chain disruptions



- Automating Data Engineering Workflows at Pine Labs:** The student working in the Data Engineering & Operations function is focusing on automating Data Engineering workflows. This involves leveraging Git for source control, GitHub Actions as a CI/CD tool, and implementing automation for Airflow workflows to streamline and optimize data pipeline processes. Additionally he is focusing on enhancing the scalability and reliability of workflows by incorporating error-handling mechanisms and monitoring tools
- Low Latency Real Time Recommendation Systems at Jio Platforms Limited:** The student is building a recommendation system for movies that generates personalized suggestions based on user queries, incorporating genres, actors, languages, and time periods. The system utilizes embeddings, approximate nearest neighbours (ANN) algorithms, and large language models (LLMs) to enhance the accuracy and relevance of recommendations while reducing latency

Management (specialisation in Marketing)

- **Brand Penetration Strategy at Dabur:** The student is working on developing a comprehensive approach to increase Dabur's product visibility, drive consumer engagement, and boost sales performance across Apollo Pharmacy's network of 6,000 outlets
- **Influencer Loyalty Program Enhancement at JSW Steel:** The student is designing and implementing strategies to deepen user engagement, strengthen brand advocacy, and broaden market reach through an enhanced influencer loyalty program for JSW Steel
- **Anti-Counterfeit Packaging Solution at Zydus Wellness:** The student is formulating strategies to develop an anti-counterfeit packaging solution to enhance brand protection and build consumer trust for Glucon-D
- **Content Plan & Programmatic at Paytm:** The student is developing content plans to enhance Paytm's ad effectiveness and crafting an implementation strategy for programmatic ads to drive consistent engagement across diverse brand touchpoints
- **Market Entry Analysis at Marico:** The student is assessing the current market dynamics for the skincare segment in North America and devising a launch strategy for Marico's skincare category, leveraging market insights and competitive positioning to ensure successful market entry



Sports Management

- **EY:** The student is conducting secondary research for comparison and subsequent strategic investment / acquisition of a Cricket Franchise Club in the United Kingdom for a US-based private equity firm
- **Team & Athlete Management at Vijeyi Bharat Academy:** The student is creating a database of promising talent for 5 Olympic Sports to develop a Scouting Strategy for India's newest Olympic Academy targeting 2028 LA Olympics podium finishes
- **Program Management at Sports Seed:** The student is building presence for 'Grassroots Sports' in Schools across Gujarat, operating under the aegis of Sports Authority of Gujarat (SAG)
- **Content & Account Management at PKL:** The student is managing digital platforms and performing analytics for Pro Kabaddi League (PKL) Season 11, focusing on enhancing online presence and improving fan engagement.
- **Operations & Marketing Management at ISL:** The student is coordinating matches, conducting research, and developing marketing strategies for the Madras Super Cup, Grassroot Festival, and website restructuring.

Complete List of Internship Projects

Artificial Intelligence & Data Science

- **GenAI driven support** chatbot for manufacturing issue resolution
- **10 mins** delivery optimization - Business Impact Group
- **E-commerce data analysis**, customer review analysis using NLP
- Data Analysis and BI by **integrating LLMs**
- **Diffuser models** with Hugging Face
- Prediction of Likelihood to **Purchase by Customer**
- Supply Chain Management Material **Time Series Forecasting**
- **AI for Entertainment/Movies** in streaming platforms
- Low latency Real time **Recommender System**
- Ratl.ai - Fully autonomous **QA & Ops**
- **Watch Tower:** Driving sustainable business growth & profitability·
- Kaggle Dataset for **car loan repayment**
- **Text Summarization** for Customer Interactions
- **Gold Loan Book** runoff analysis and forecasting
- **Unification of data** - Group Strategy, Transformation, Analytics & Research
- Predicting stocks at distributors level for various **FMCG categories**
- Anomaly detection in **telecommunications**
- Ratl.ai - Implementation of **TestGenLLM**
- **Advanced Learning Algorithms** & Applied Machine Learning

Management (specialisation in Marketing)

- Content Calendar, Strategies for **Paytm Ads & Programmatic** for Paytm Ads
- Benchmarking Quick commerce platforms' **Merchandising, Assortment, Pricing** against JioMart & In-App Analytics of selected merchandising elements
- Apollo Pharmacy **Chain Segmentation**
- **Managing Ecommerce** (specially Amazon) for Bold Care and Bloom
- Engagement-Driven Marketing Strategies for **Luxury Audiences** at Jio World Plaza
- **JioTV+** User profile and device management
- **Competition benchmarking** for International and Indian Convention centers
- Strategy to optimize and grow e-commerce and **Quick Commerce platforms** for Nivea's Body Lotion range
- **To grow revenue** of selected brands on Flipkart Grocery by 5X (Hajmola, Gulabari)
- Streamlining **Branding and Communications** for the parent and partner companies
- Strategies to drive revenue generation campaign & **Marketing Communication Flow Optimization** of Justdial's Customer Journey
- Increase Chings' and Smith & Jones **sales by 30%**

Sports Management

- **Performance Analysis** and Data-Driven Insights for Football Teams through Match Tagging and Real-Time Analytics
- Analysis of **Sports League Transfer Windows** and Corporate Impact on the Indian Sports Ecosystem
- Research and Analysis for **Talent Identification**, Eligibility Criteria, and Performance Benchmarks at Vijayi Bharat Sports Academy
- **Digital Platform Management** and Analytics for Pro Kabaddi League (PKL) Season 11: Enhancing Online Presence and Fan Engagement
- Social Media Analysis, **Athlete Profiling, Paralympic Athlete Portfolio Creation**, and Research on Grooming Brands in India
- Sales, Marketing, and Course Enrolment Support for COLLEARN SPORTS: Driving Student Engagement and Program Growth
- **Revenue Generation Model** for Sports Academy
- Building Presence for '**Grassroots Sports**' in Schools across Gujarat operating under the aegis of Sports Authority of Gujarat (SAG)
- Create a Database of **Promising Talent for 5 Olympic Sports** to Develop a Scouting Strategy for India's Newest Olympic Academy Targeting 2028 LA Olympics Podium Finishes
- Secondary Research for Strategic Investment/Acquisition in a **Cricket Franchise Club** in the UK by a US-Based Private Equity Firm at a Big 4 Consulting
- **Program Management and Business Development** for Grassroot Sports Development at KSR Sportseed Pvt Ltd
- **Match Coordination**, Research, and Marketing Strategies for Madras Super Cup, Grassroot Festival, and Website Restructuring
- Sponsorship Tracking, **Client Reporting, and Research** for Pro Kabaddi League, Women's Premier League, and Adani Ahmedabad Marathon



EXECUTIVE EDUCATION

EXECUTIVE EDUCATION

Jio Institute offers specialized Executive Education and corporate training programmes designed to address the ongoing need for training, upskilling, and reskilling in today's dynamic business environment.

Recognizing the increasing demand for executive education programmes that offer targeted learning and rapid skill acquisition, these programmes deliver an immersive experience for professionals, enabling them to learn from global domain experts, network with executives across various sectors, and gain practical insights and skills relevant to their fields. Our key focus areas include:



STRATEGY AND LEADERSHIP

- Strategy Formulation
- Design Thinking
- Leadership



AI & DIGITAL TRANSFORMATION

- Artificial Intelligence
- Data Visualisation
- Digital Transformation
- Data & Decision Making



RETAIL MANAGEMENT

- Buying and Merchandising
- Talent Accelerator Programme



WOMEN LEADERSHIP

Some of the Executive Education programmes conducted recently include:

Strategy Formulation & Execution and Problem Solving with Design Thinking Approach:

The Institute organised a 5-day programme on "Strategy Formulation and Execution and Problem-Solving with Design Thinking Approach" for 35 senior leaders of RIL–Petrochemical Division. The programme saw participants from various functions of PetChem, such as marketing, procurement and sourcing, business development, operations, product management, R&D and many others. The programme focused on the intricacies of strategic decision-making, equipped with the latest tools, frameworks, and methodologies useful to navigate complex business landscapes and explored the transformative power of Design Thinking in Problem Solving.



Senior Leaders in Finance

The Institute hosted a one-day workshop comprising 12 senior leaders of Jio Financial Services. The two-session workshop on “Building and Sustaining Competitive Advantage through Business Model Innovation” and “Global Disruptions, Marketing Insights and Human Intelligence” focused on preparing leaders to anticipate change, embrace ambiguity and adapt to diverse cultures in the digital era. The sessions were delivered by Dr. Dipak Jain, Vice-Chancellor.



Certified Senior Leader Buying and Merchandising Programme

The Institute collaborated with Reliance Retail Sourcing, Buying & Merchandising Academy ‘Certified Senior Leader in Buying and Merchandising’ executive education programme for 39 senior leaders of Reliance Retail. The four-month programme featured 2-day on-campus immersions at Jio Institute. The programme, delivered by Mr. Srikanth Gokhale, Former CEO, Landmark Group, Dubai focused on in-depth foundations of the Buying and Merchandising function from broad strategies, market intelligence, and customer centricity to detailed aspects such as product and category management, inventory management and essential soft skills like leadership and team building



Women Leaders

The two-day residential programme delivered leadership inputs to 26 women managers of Jio-bp, providing them insights on strategic thinking and strategic decisions focusing on implementation with empathy and managing work-life balance.



Leadership, Team Building & Technology in Communication

The Institute collaborated with Reliance Retail Sourcing, Buying & Merchandising Academy 'Certified Senior Leader in Buying and Merchandising' executive education programme for 39 senior leaders of Reliance Retail. The four-month programme featured 2-day on-campus immersions at Jio Institute. The programme, delivered by Mr. Srikanth Gokhale, Former CEO, Landmark Group, Dubai focused on in-depth foundations of the Buying and Merchandising function from broad strategies, market intelligence, and customer centricity to detailed aspects such as product and category management, inventory management and essential soft skills like leadership and team building



Talent Accelerator Programme (TAP)

Jio Institute partnered with the Reliance Retail Academy (RRA) to conduct the 8-9 month hybrid programme for 30 executives of Reliance Retail from various divisions such as Supply Chain, HR, EPC, IT, Electronics, Jio mart, Reliance ResQ, Trends, Value Format and many others. The 5-day residential immersion module at Jio Institute saw the participants delve into the various facets of retail, including customer journeys & preferences, physical store strategy, customer centricity, product management, pricing strategies, inventory management and digital transformations.



Data Visualization

Jio Institute conducted the two-day residential programme for 30 participants from business intelligence, data analysis, replenishment, merchandising, sales and more functions of Reliance Retail. The Visualization Concepts courses offered a comprehensive introduction to data visualization principles. The participants learnt to identify suitable visualization types for various datasets and apply best practices to create impactful visuals.



RESEARCH & PUBLICATIONS

RESEARCH & PUBLICATIONS

Jio Institute's research philosophy is focused on creating impact in society by solving problems of national and global relevance. The Institute aims to enable development of frontier technologies such as artificial intelligence, computer vision, therapeutics, material science and more through its interdisciplinary research setup, vibrant entrepreneurship ecosystem and a culture of innovation.

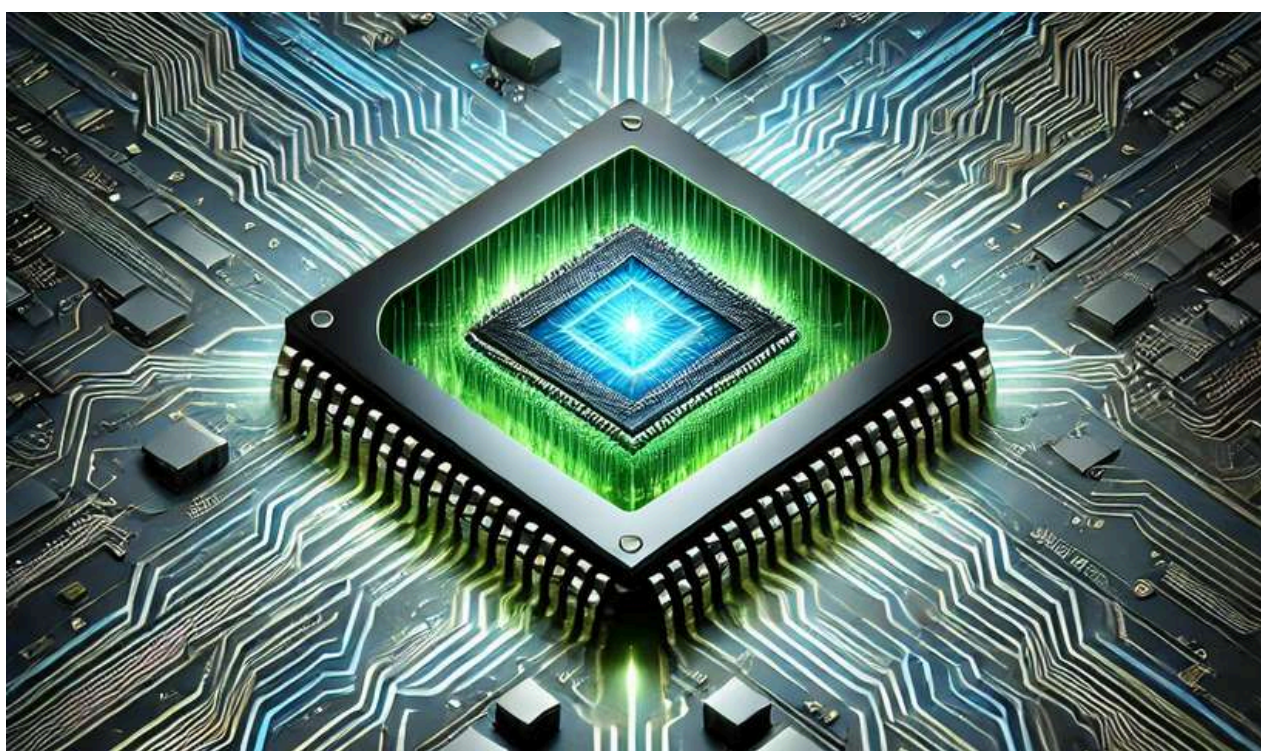
Digital advancements using Silicon Nanowires

Dr. Samik Mukherjee, Assistant Professor, Jio Institute recently published a research paper titled **"Thermal Conductivity in Biphasic Silicon Nanowires"** in **Nano Letters**, a Journal by the **American Chemical Society (ACS) Publications** (Impact Factor: 9.6, Volume: 24, Issue: 46, Pages: 14648–14655, Year: November 2024, DOI: <https://lnkd.in/d/btR5RMd>). The ACS Journals are regarded as top-tier and high-impact factor journals in the field of Chemistry. They are ranked in the top quartile (Q1) of leading journal rankings such as SJR and JCR.

About the Paper

Digital devices, like Apple's A17 Pro processor with 19 billion transistors, face growing thermal challenges due to miniaturization. Researchers have addressed this by creating ultra-thin silicon nanowires (50 nm) and using isotope engineering to alter their atomic structure. This innovation enabled precise control of heat-carrying phonons, allowing improved heat dissipation in electronics or suppressed conductivity for thermoelectric energy harvesting.

Dr. Samik's interdisciplinary work bridges materials science, physics, and engineering, offering transformative potential for nanotechnology, electronics, and renewable energy. It lays the groundwork for energy-efficient components, advanced nanoscale devices, and innovative thermal control solutions.



RESEARCH & PUBLICATIONS

Unlocking the secrets of the human gut

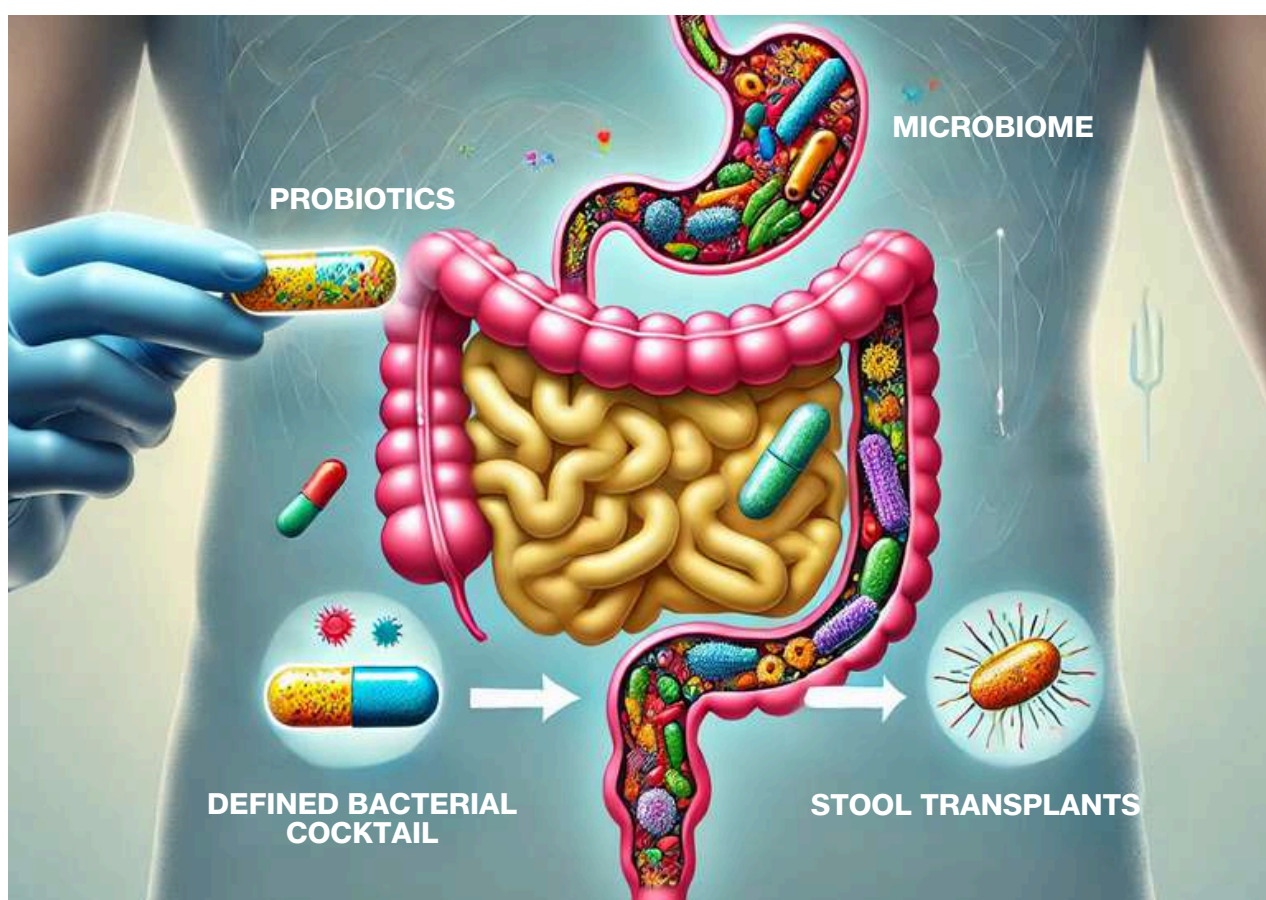
Dr. Varun Aggarwala, Assistant Professor, Microbiome Therapeutics Laboratory, Jio Institute has published a research paper titled, **“Gut microbiota strain richness is species specific and affects engraftment”**, in the **Nature** Journal (2024, Impact Factor: 50.5).

About the Paper

The human gut microbiome, composed of trillions of microbes, is vital for health but can be disrupted by factors like diet, environment, or antibiotics. Interventions like fiber-rich diets, probiotics, and FDA-approved fecal microbiota transplants (FMT) aim to restore balance, but questions remain about their efficacy and personalization.

Dr. Aggarwala and an international team identified rules governing the “carrying capacity” of gut bacteria, revealing most species exist as a single strain, limiting the success of introducing new bacteria via probiotics or FMT. They found that existing strains in the gut often hinder stable engraftment, suggesting the need for strategies like antibiotic flushes or novel bacterial candidates.

Using large-scale microbiome profiling and FMT experiments, the team tracked bacterial dynamics, discovering a “reversal to the mean” phenomenon where populations stabilize according to species-specific limits. These insights advance personalized microbiome therapies and improve understanding of FMT success.



COMMUNITY DEVELOPMENT

SPORTS ECOSYSTEM

COMMUNITY DEVELOPMENT THROUGH SPORTS ECOSYSTEM

Jio Institute's sprawling campus in Ulwe, Navi Mumbai, boasts of a robust infrastructure with proximity to major current and upcoming transport hubs of the Mumbai Metropolitan Region (MMR).

The campus features state-of-the-art sports facilities that comprise a high-performance gymnasium, an international-level athletics facility, lawn-tennis & basketball courts and cricket grounds.

As part of its ongoing efforts to build a strong community in Ulwe, the Institute regularly offers these facilities for scouting, training, and competitive tournaments for both amateur and professional athletes.

Below, you shall find some of the initiatives and tournaments that Jio Institute has organized and hosted as part of its community development & engagement programme.



RFYS Elite Athletes

Jio Institute, in partnership with Reliance Foundation Youth Sports (RFYS), operates the National Athletics Center at the campus. The programme currently supports around 40 athletes, specializing in sprints and throws, providing them with world-class training facilities. Mr. James Hillier, Director of the Athletics Programme, and Mr. Steve Lemke, Head Coach of the Throws Programme, work closely on athlete development alongside a talented team of sport science and operations professionals.

These national-level athletes train on International Amateur Athletic Federation (IAAF)-approved tracks and benefit from access to a high-performance gymnasium, ice baths, and saunas for recovery, establishing the center as a premier hub for athlete development.

Additionally, Jio Institute provides residential accommodations on campus, complete with top-tier amenities, tailored meals, and a welcoming environment to ensure athletes are well-supported and prepared for their rigorous training schedules.

The RFYS athletes have greatly benefited from training at the Jio Facility, winning 22 Gold, 20 Silver and 8 Bronze medals combined, at both national and international competitions, including at the Hangzhou Asian Games; Motonet GP Jyväskylä, Finland; Hallesche Werferrage; NAC Throwers Competition, Lisbon; FISU World University Games, and many more. Two of the RFYS athletes training at the Jio Institute campus represented India at the Paris Olympics 2024, namely Ms. Jyothi Yarraji (Sprints) and Mr. Kishore Jena (Javelin Throw).



Coaches Athletic Camp

Jio Institute has made its Class-II athletic facilities available to local coaches for training their athletes. These athletes are preparing for district, state, and national-level competitions. Currently, the training camp accommodates around **100 athletes** across various age groups, with **six coaches** overseeing their performance management and preparation.



Corporate Cricket

Since August 2024, Jio Institute has been hosting club-level cricket matches for **corporate employees** and **entrepreneurs** from across Navi Mumbai. These matches and tournaments typically take place on the weekends, to accommodate the players' work schedules. They play a variety of formats, ranging from T20 to 90-overs a piece. By December, the campus had hosted approximately **50 matches**.



Cricket Tournaments

Jio Institute, in collaboration with AT Sports, has been hosting U-12, U-14, U-16, and U-19 cricket championships for both male and female categories. The Institute partners closely with local cricket coaching and training academies, offering its state-of-the-art cricket facilities for teams to train and compete. This initiative provides participants with valuable game-time and an opportunity to hone their skills in a competitive environment



Raigad District Athletics Meet 2024

Jio Institute hosted the Raigad District Athletic Event 2024 at the campus in partnership with the Raigad District Athletics Association (RDAA) on August 25, 2024. Close to **300 athletes** participated in various track & field events, representing more than **25 institutions** (including professional clubs, schools and colleges). Our students from the PGP in Sports Management played an integral role in ensuring smooth and successful execution of the event.



U-23 Maharashtra Athletics Championship 2024

Jio Institute hosted the U-23 championship in collaboration with the Maharashtra Athletics Association (MAA) from September 14-15, 2024. More than **500 athletes** registered for the event, and close to 300 athletes participated in various track & field sports. The event saw the presence of about **50 officials** for judging the events. Our students from the PGP in Sports Management played an integral role in ensuring smooth and successful execution of the event, from **event operations, venue management, fan engagement, marketing and sponsorships** for the event to **officiating**.



Divisional School Games 2024

Jio Institute hosted the divisional athletics competition, which saw participation from more than **3000 students** across the 3-day event from November 5-7, 2024. The competition featured various track & field events, with multiple age categories such as U12, U14 and U16.

Jio Institute is planning to offer its facilities for training and competitions in lawn tennis and basketball, and to extend its cricket programme to the night-time¹². These will further our ambition of developing a vibrant and closely-knit community through the development of a robust sports ecosystem.



CASE STUDY COMPETITIONS

Case Study Competitions

Jio Institute promotes student participation in various business and marketing case challenges, organized by prestigious corporates and institutions to bridge the gap between theory and practice, and help students implement their learnings in an organized manner.

Here are some competitions where our students have achieved remarkable success:

LuxFeud by SDA Bocconi Asia Center, Mumbai

A team of PGP Management (specialization in Marketing) students **emerged victorious** in the LuxFeud-Second Edition Business Competition in August 2024. The three-stage competition attracted enthusiastic participation from over **600 teams** nationwide. Following two rounds of online quizzes, the students delivered a compelling pitch that outlined a strategic roadmap for Fidenza Village, a premier open-air luxury shopping destination. Their presentation concluded with a dynamic Q&A session with an expert panel, securing their win.

SproutIT 2024 by Symbiosis Center for Information Technology

A team of PGP Management (specialization in Marketing) **won** an ideation challenge as part of the SproutIT 2024 organized as part of their Prismatic North fest with Information Technology Entrepreneurship and Leadership Forum (iTELF).

The two-round competition saw participation from more than **300 teams** from leading universities. After the quiz round, **25 teams** presented their pitch, amongst which the Jio Institute team secured the **first place**.

Ideate: Pitch Deck and Marketing Strategy Event, IIT Dharwad

The E-Summit 2024 hosted by IIT Dharwad, saw participants present innovative business ideas along with comprehensive marketing strategies. Out of 400 participating teams, the team consisting of our PGP students secured the second place.

The team's project, titled "Waste Not, Feed All: Innovating Food Waste Management in India," focused on addressing two significant issues: India's growing food waste crisis and the demand for sustainable animal nutrition. Their proposal outlined a scalable business model aimed at transforming food waste into high-quality animal feed. The initiative would initially launch in Tier 1 cities, with plans for national expansion.

The business leverages cutting-edge technology, utilizing AI-powered waste segregation systems and low-heat dehydration techniques to preserve the nutritional value of the waste, ensuring it meets the needs of the animal feed market.



Our Campus

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