

VIRTUAL CONFERENCE ON THE NEXT DECADE OF AI IN BUSINESS.

12th October, 2022 | 9:30 a.m. to 2:30 p.m.



OUR FOUNDERS



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

Smt. Nita Ambani

Founder & Chairperson,
Reliance Foundation Institution of
Education & Research

“Reliance wants to build an institution that will strengthen its mission to empower young Indians, and young people from across the globe, to develop solutions for a sustainable and better future for mankind.”

Shri Mukesh Ambani

Chairman & Managing Director,
Reliance Industries Limited



ABOUT JIO INSTITUTE

Jio Institute is a multi-disciplinary higher education institute set up as a philanthropic initiative by Reliance Industries Ltd. and Reliance Foundation. The Institute is dedicated to the pursuit of excellence by bringing together global scholars and thought leaders and providing an enriching student experience through world-class education, and a culture of research and innovation.

OUR VISION

- Be an exemplary Indian academic institution with international repute.
- Build a vibrant ecosystem for research, innovation and entrepreneurship.
- Be India's test bed for frontier research and invention of future technologies.
- Prepare the next generation of leaders and entrepreneurs through holistic development.
- Significantly contribute to the advancement of the Indian society.
- Solve India's problems and solve them fast.
- Provide a lifelong learning experience.



ABOUT **THE CONFERENCE**



The field of Artificial Intelligence and Knowledge Based Systems has been in existence since the late 50's and 60's. However with advances in technology, large amounts of data have been generated and organizations have realized that this could be a gold mine of information, which could help bring competitive advantage to them. This Conference, organised by Jio Institute , is meant to bring out various aspects of the possibilities for such Knowledge Based Systems in the years ahead.

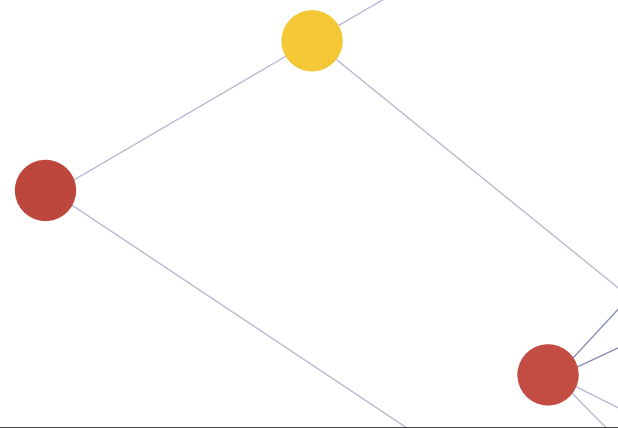
WHAT WILL YOU LEARN:

The challenges and opportunities of the applications of Knowledge Based Systems in various sectors such as Healthcare, Manufacturing, and Education Services.

Demonstration of such a product built by Jio Platforms

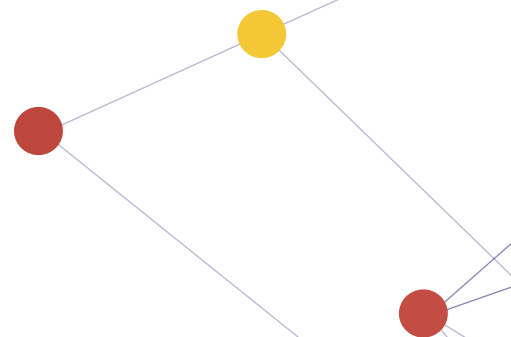
WHO SHOULD ATTEND:

- Senior Executives across Industries
- Students and Academia



AGENDA:

FROM	TO	EVENT
9.30 am	9.35 am	DR. PALAK SHETH Project Director, Jio Institute - Welcome Address DR. GURUSWAMI RAVICHANDRAN Provost, Jio Institute - About Jio Institute
9.35 am	9.50 am	DR. PADMANABHAN SESHAIYER George Mason University Virginia, USA - Advancing AI for Business by preparing the Next Gen Data Science Workforce
9.50 am	10 am	DR. SHAILESH KUMAR Chief Data Scientist, Center of Excellence in AI/ML, Reliance Jio, Programme Mentor, Artificial Intelligence & Data Science, Jio Institute - AI at Jio Institute
10 am	10.20 am	RAVI VADAPALLI Director, IDSC Advanced Computing Services (ACS) Research Associate Professor, Electrical and Computer Engineering (ECE) University of Miami - Data Science and Engineering in Higher Education for Advancing Economic Innovation Through Industry - Research Partnerships
10.25 am	11 am	INDERPAL BHANDARI Global Chief Data Officer, IBM Corporation - Keynote, In Conversation with Dr.Nilay Yajnik
11 am	11.25 am	V. SUBRAMANIAM Director(Technology and Transformation), OTIS (Europe, Middle East & Africa) - Digitalization Insights - OTIS Worldwide Corporation
11.30 am	12 pm	DR. LARRY BIRNBAUM Professor, Computer Science, Northwestern University, USA, Programme Mentor, Artificial Intelligence & Data Science, Jio Institute - Data Storytelling at Internet Scale
12.05 pm	12.45 pm	GODA RAMKUMAR AVP Data Science, Swiggy - Analytics in Swiggy
12.50 pm	1.45 pm	ZIA SAQUIB Head, Technology Innovation & Development Group Jio Platforms Ltd. - AI in Healthcare - Point of Care Diagnostics in the Form of Product as a Service
1.50 pm	2 pm	DR. NILAY YAJNIK Professor & Director, Executive Education, Jio Institute - Closing Remarks and Vote of Thanks



OUR **KEYNOTE SPEAKERS**



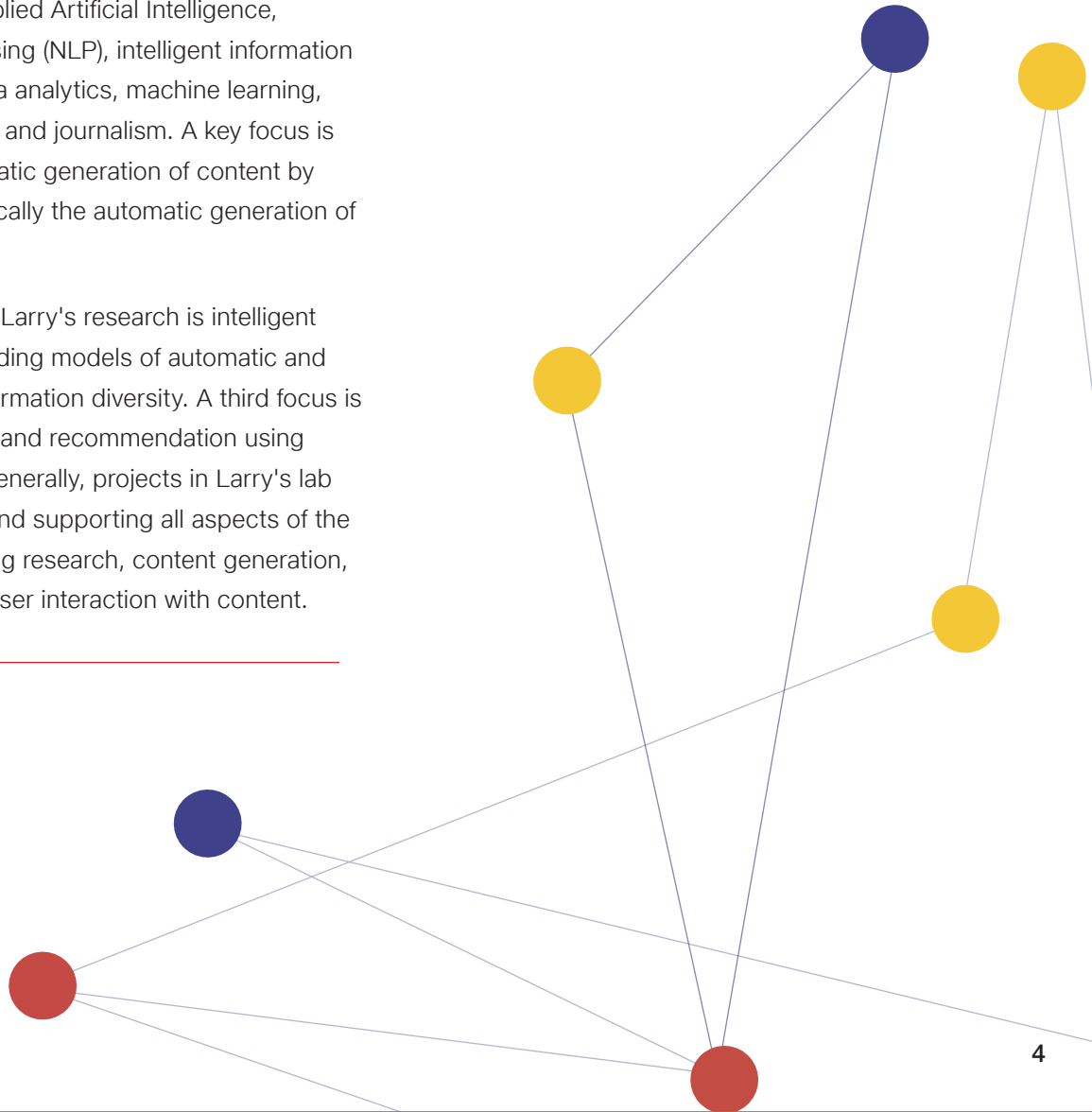
DR. LARRY BIRNBAUM

Professor, Computer Science,
Northwestern University, USA

Programme Mentor,
Artificial Intelligence & Data
Science, Jio Institute

Dr. Birnbaum is a Professor of Computer Science at the Northwestern University. He is also the Co-Founder and Chief Scientific Advisor, Narrative Science. His research and teaching focus on applied Artificial Intelligence, Natural Language Processing (NLP), intelligent information systems, social media data analytics, machine learning, with applications to media and journalism. A key focus is on methods for the automatic generation of content by machine, including specifically the automatic generation of narratives from data.

Another important area of Larry's research is intelligent information systems, including models of automatic and contextual search and information diversity. A third focus is on preference predication and recommendation using social media data. More generally, projects in Larry's lab are aimed at automating and supporting all aspects of the "content pipeline," including research, content generation, content distribution, and user interaction with content.





ZIA SAQUIB

Head, Technology Innovation &
Development Group
Jio Platforms Ltd.

Zia Saquib has been working as Senior Vice President of Technology Innovation & Development at Jio Platforms Ltd. since August 2017.

Prior to this he worked as Executive Director of Centre for Development of Advanced Computing (C-DAC), Mumbai for about 12 years, from Jan 2006 till July 2017, where he headed the R&D in biometrics, cyber-security and e-governance. Many such initiatives later culminated into successful products under the National e-Governance Plan of India.

His primary interests are in the areas of Adaptive Signal Processing, Computer Vision and Artificial Intelligence. He applies these areas to develop technology for Government-to-Citizen Platforms & Healthcare applications. Lately, he has rolled out a healthcare AI portal that addresses the gap in rural and remote areas for screening and detection of diabetic eye diseases such as diabetic retinopathy, glaucoma and age related macular edema.



INDERPAL BHANDARI

Global Chief Data Officer,
IBM Corporation

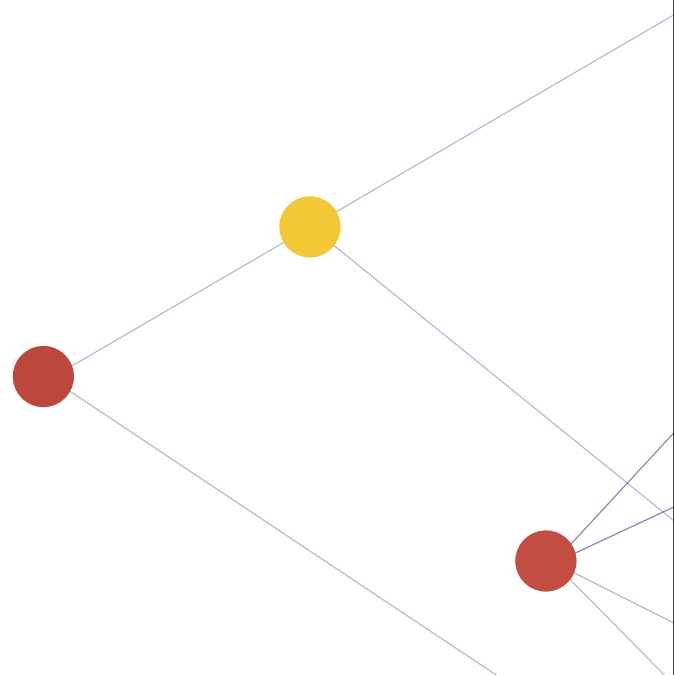
Inderpal Bhandari is the IBM Global Chief Data Officer, where he has leveraged his extensive experience to lead IBM's data strategy to ensure IBM remains the number one AI and hybrid cloud provider for the enterprise. Under his leadership, the Cognitive Enterprise Blueprint was created, a roadmap for IBM's clients on their own transformation journeys.

Inderpal brings to IBM more than 20 years of experience in leadership roles at such leading companies as Cambia Health Solutions and Express Scripts/Medco Health Solutions. Prior to joining IBM, Inderpal served as Senior Vice President and Chief Data Officer of Cambia Health Solutions where he led the development of Cambia's data strategy and drove the transformation of the company's consumer experience strategies.

Prior to that, Inderpal served as Vice President of knowledge solutions and Chief Data Officer at Express Scripts/Medco Health Solutions, where he was responsible for maximizing the utility of the company's data and its readiness to respond to emerging market trends. Before that, he founded Virtual Gold, growing the company into an international market leader for analytics in call centers and professional sports.

Inderpal is an expert in transforming data into business value and improved customer experiences by delivering strategic, innovative capabilities that use analytic insights to enable growth and productivity. In 2017, he was named U.S. Chief Data Officer of the Year by the CDO Club, and has been featured as an industry expert by Wall Street Journal, Washington Post, US News & World Report, CNN and FOX.

Inderpal earned his Master of Science Degree in Electrical & Computer Engineering from the University of Massachusetts and holds a PhD in Electrical & Computer Engineering from Carnegie Mellon University.





RAVI VADAPALLI

Director, IDSC Advanced Computing Services (ACS)
Research Associate Professor,
Electrical and Computer Engineering (ECE),
University of Miami

Dr. Ravi Vadapalli is Director (Advanced Computing), Institute of Data Science and Computing, University of Miami and is also Research Associate Professor, Electrical and Computer Engineering at the College of Engineering of the University of Miami. He has more than 20 years of experience in harnessing High Performance Computing and Data Science and Analytics across diverse domains in Science, Engineering, Liberal Arts and Medicine.

Dr. Vadapalli has done his Masters in Computational Engineering from Mississippi State University and Doctorate in Nuclear Physics from Andhra University.



DR. SHAILESH KUMAR

Chief Data Scientist, Center of Excellence In AI/ML, Reliance Jio

Programme Mentor, Artificial Intelligence & Data Science, Jio Institute

Dr. Shailesh Kumar is currently the Chief Data Scientist at the Centre of Excellence in AI/ML, Reliance Jio. He has published over 20 international papers and book chapters and holds more than 20 patents in AI/ML. He was recognized as one of the top 10 data scientists in India in 2015 by Analytics India Magazine.

Dr. Shailesh Kumar was formerly the Vice President at Ola Cabs where he worked on several computer science, machine learning, artificial intelligence and optimization issues in fleet management. He was also the Chief Scientist and Co-Founder of Third Leap – an EdTech startup that uses AI to create personalized math guides. Prior to this, Dr. Kumar worked at Google on a variety of products at Google involving Information Retrieval, Enterprise Search, Legal E-Discovery, Natural Language Understanding (Phrase Discovery, Word Sense Disambiguation), Computer Vision, Knowledge Graph Mining, Conversation Modelling, and Deep Learning on Text and Vision. His experience of creating AI based solutions ranges comprises multiple domains including finance, remote sensing, retail, knowledge graph, conversational computing and computer vision.



V. SUBRAMANIAM

Director (Technology and Transformation),
OTIS (Europe, Middle East & Africa)

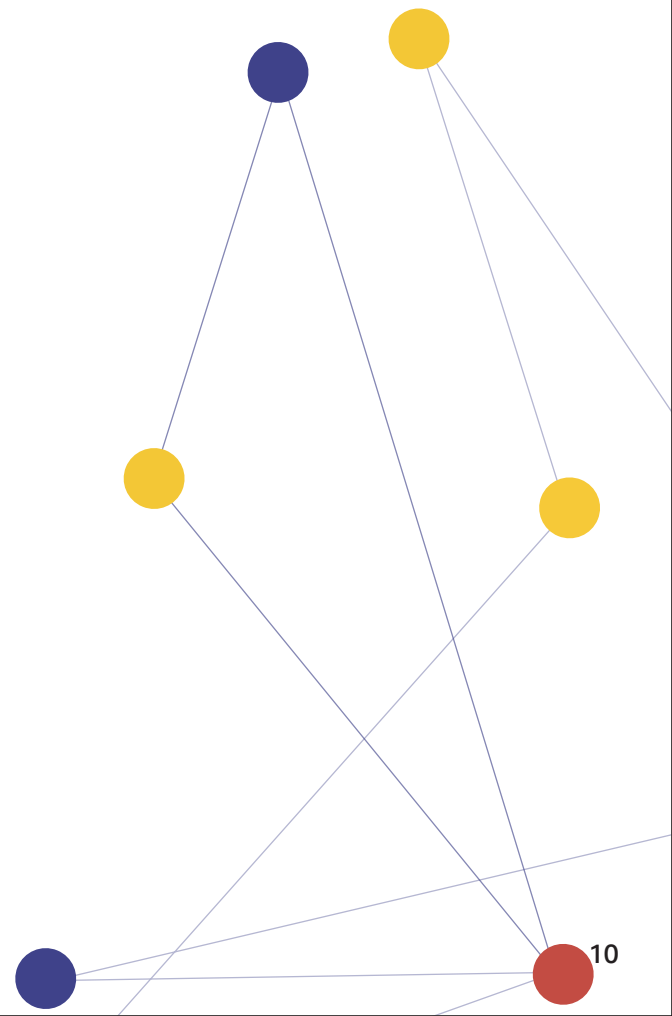
Mr. V.Subramaniam is currently the Director (Technology and Transformation) at OTIS Europe, Middle East and Africa Regions and is based in Prague. Before this role at OTIS Europe, he was the CIO of OTIS India. He has around 35 years of experience in Enterprise IT across various Industries. He has been a CIO 100 Awardee and also been awarded membership into the CIO Hall of Fame. He loves teaching and sharing his insights with young professionals and students.



DR. PADMANABHAN SESHAIYER

Professor and Director of COMPLETE
Centre, George Mason University, Virginia

Prof. Padhu Seshaiyer is a tenured full Professor of Mathematical Sciences at George Mason University and works in the broad areas of Computational Mathematics, Computational Data science, Mathematical Biology, Computational Biomechanics, Design Thinking and STEM Education. In particular, his research includes the development of efficient analytical and numerical techniques and computational algorithms including predictive AI based approaches to solve real-world challenges. During the last two decades, he has initiated and directed a variety of educational programs including faculty development, post-graduate, graduate and undergraduate research, K-12 outreach, teacher professional development, and enrichment programs to foster the interest of students and teachers at all levels to apply well-developed research concepts, to fundamental applications arising in STEM disciplines. In Oct 2020, he was invited to take part in Prime Minister Modi's Vaibhav initiative that helped to bring Indian origin luminaries in academic institutes and research and development (R&D) organizations across the world and resident counterparts on a single platform to discuss the future of data science education as a part of India's vision on AI for the future. He has also been a champion for creating new initiatives to help bridge post-secondary transitions to colleges and universities for students to gain necessary skills and competencies in scientific computing, AI and Data Science related fields that is driven by the workforce needs. Over the years, he has won several prestigious awards and honors for his contributions to research, teaching and service.



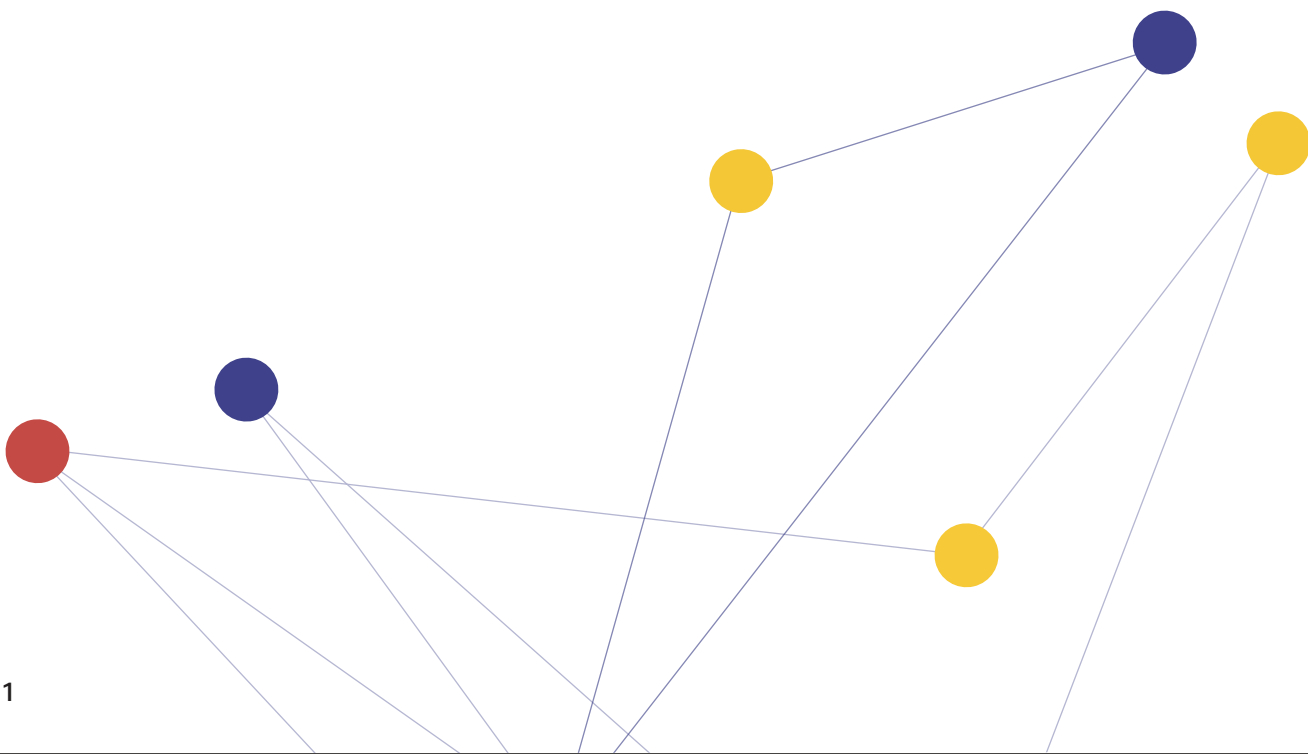


GODA RAMKUMAR

AVP - Data Science, Swiggy

Goda Ramkumar is currently AVP, Data Science at Swiggy focusing on Fulfilment and Operations. Prior to this, she was GM, Data Science at xto10x establishing data science journey and practice in the start-up ecosystem. Previously she was at Ola for 2 years as Principal Data Scientist where she lead the machine learning and optimization algorithms behind pricing and matching.

She worked at Sabre for 10 years before Ola on a variety of problems in Airline Pricing and Revenue Management. She has several publications and presentations in industry journals and academic conferences. She holds an undergraduate and masters degree from IIT Madras.





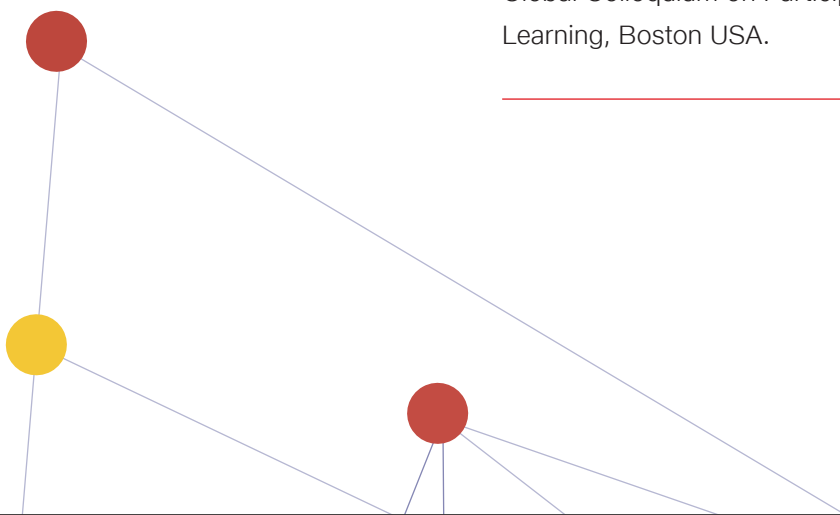
DR. NILAY YAJNIK

Professor & Director,
Executive Education,
Jio Institute

Dr. Nilay Yajnik is a Ph.D. in Management Studies from the University of Mumbai, Master of Management Studies from NMIMS (University of Mumbai) and Master of Science (Technology) from the Birla Institute of Technology and Science Pilani. He has over 13 years of experience in the Industry with companies such as Asian Paints, Wipro Infotech, Digital-HP and Mastek in areas spanning Program Management, Learning Services and Business Development. He also has around 30 years of teaching experience at NMIMS Mumbai, IIT Bombay, BITS Pilani. He also has Academic Leadership experience and has served as the Provost and Vice Chancellor of a leading University in Gujarat, India. His teaching and research interests include Innovation Management, Information Systems Applications in Industry, Education and Society, IT Strategy, Design Thinking for Management. He has also mentored technology start ups and has served on the Advisory Boards of several organizations.

Dr. Nilay Yajnik is a recipient of several awards including the Higher Education Forum "Outstanding Contribution to Teaching Award", NMIMS Best Teacher Award , The Dewang Mehta "Best Teacher in IT" Award, AIMS International "Distinguished Service Award", Computer Society of India Award for contribution to the student community and the Indian Society for Training and Development Second Best Paper Award. Dr. Nilay Yajnik has several publications to his credit at the National and International level. He has also served on the Editorial Boards of several International Journals.

Dr. Nilay Yajnik is a Corporate trainer and has served on the Executive Committee of the Bombay Management Association, the Digital Technology Committee of the Indian Merchants Chamber and the Higher Education Committee of the Confederation of Indian Industry. Dr. Nilay Yajnik is an Alumnus of the Harvard Business School's Global Colloquium on Participant Centered Learning, Boston USA.





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