

Confederation of Indian Industry

ANNUAL SUMMITON TECHNOLOGY, INTELLECTUAL PROPERTY, AND INDUSTRY-ACADEMIA PARTNERSHIPS

Shaping the Decade: Empowering Global Growth through Technology, IP, and Industry-Academia Partnerships

12 • 13 December 2024 New Delhi

SPEAKER BOOKLET







'Shaping the Decade: Empowering Global growth through Technology, IP, and Industry-Academia Partnerships'

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Inaugural Session







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Dr Naushad Forbes

Chairman, CII National Committee on Technology, Innovation & Research, IP, & Industry-Academia Partnership Forum, Co-Chairperson, Forbes Marshall

Naushad is the Co-Chairperson of Forbes Marshall, India's leading Process and Energy Efficiency company. He is Chair, Ananta Aspen Centre, and Centre for Technology, Innovation and Economic Research (CTIER). Naushad was an occasional Lecturer and Consulting Professor at Stanford University from 1987 to 2004. He has received his Bachelor's, master's and PhD Degrees from Stanford. Naushad is on the Board of several educational institutions and public companies. Naushad has long been an active member of the Confederation of Indian Industry (CII) and was President of CII for 2016 – 17. Naushad's Restoring India's Potential Promise: Restoring India's Potential, was released by HarperCollins in January 2022. He also co-authored, From Followers to Leaders: Managing Technology and Innovation in newly industrializing countries, published by Routledge in 2002. Naushad writes a monthly column for Business Standard.







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Prof Abhay Karandikar Secretary, Department of Science of Technology Government of India

Prof. Abhay Karandikar is currently Secretary, Department of Science of Technology (DST). Before joining DST in October 2023, he served as the Director, IIT Kanpur from April 18th, 2018, to September 25th, 2023 (on lien from IIT Bombay). He also served as Dean (Faculty Affairs) and Head of the Electrical Engineering Department at IIT Bombay. He spearheaded a national effort in setting up Telecom Standards Development Society of India (TSDSI), India's standards body for telecom with participation of all stakeholders. Prof Karandikar was the founding member and former Chairman of TSDSI. Prof Karandikar has several patents issued and pending, contributions to IEEE, 3GPP standards, contributed chapters in books and large number of papers in international journals and conferences to his credit. Prof Karandikar was awarded with IEEE SA's Standards Medallion in December 2016 in New Jersey. His team also won Mozilla Open Innovation challenge prize in March 2017 for his work on rural broadband and digital empowerment in rural India.







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Dr Rajesh S Gokhale Secretary Department of Biotechnology Ministry of Science & Technology, Government of India

Prof. Rajesh S. Gokhale is the Secretary at Department of Biotechnology in the Ministry of Science & Technology, Government of India. He is presently on deputation from Indian Institute of Science Education & Research IISER Pune. Prior to this, he was at National Institute of Immunology NII and was also Director of CSIR-Institute of Genomics and Integrative Biology CSIR-IGIB for seven-and-half years. During his tenure he established the South Campus of CSIR-IGIB, where he led interdisciplinary initiatives in translational genomics research programs focused in delineating a variety of complex diseases. His significant research contributions are in discovering novel metabolites and their pathways, which dictate pathophysiology of human diseases. Scientific work from his laboratory has been published in prestigious journals like Nature, Nature Chemical Biology, Molecular Cell, The Proceedings of the National Academy of Sciences etc. Dr Gokhale co-founded Vyome Biosciences Pvt. Ltd. VYOME in 2010, a biopharmaceutical company developing best in class drugs for dermatology. This company is presently completing Phase IIb clinical trial for drug-resistant acne and has launched OTC products in the market. Dr. Gokhale was a Wellcome Trust Senior Research Fellow, UK and an International HHMI Fellow, USA. He is recipient of several awards, including Infosys Prize, Shanti Swarup Bhatnagar Prize, National Bioscience Award, J C Bose National Fellowship and IIT Bombay Distinguished Alumni Award. He is also Fellow of all the three Indian National Science Academies.







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Prof Unnat Pandit

Controller General of Patents, Designs and Trademarks, Intellectual Property Office, Government of India

Dr. Unnat P. Pandit, a seasoned academician and policymaker, currently holds the position of Controller General of Patents, Designs, and Trademarks (CGPDTM) at the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India. Prior to this, he served as a Professor of Intellectual Property, Innovation, and Entrepreneurship at Jawaharlal Nehru University, where he also held the position of Dean of the Academy of Biotechnology and Sustainable Medical Engineering. He has also contributed significantly to national innovation initiatives, having served as a Program Director at the Atal Innovation Mission (AIM) at NITI Aayog and as a member of the committee that drafted India's National Intellectual Property Policy. His extensive experience spans academia, industry, and government, making him a key figure in India's intellectual property landscape.







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Mr Sanjeev Krishan Chairperson PwC India

Sanjeev Krishan is the Chairperson of PwC in India. Having been with the firm for over 31 years, Sanjeev has served in diverse leadership and client service roles. Prior to his current role, Sanjeev served as the Deals Leader for PwC India. He has successfully led the firm's Transactions, Private Equity and Deals businesses over the years - spearheading relationships with most global investors and getting the firm to a preeminent position amongst its private equity clients and their investee companies. Sanjeev also did a brief stint with PwC Sweden as part of an International Exchange programme, where he worked with several private equity funds and corporate clients, mostly on cross-border deals. Sanjeev is passionate about playing a part in building a sustainable future for the society we live in, and actively advocates the causes of conservation, socio-economic inclusion, and diversity. He is a certified Chartered Accountant, and an Associate Member of the Institute of Chartered Accountants of India (ICAI). Sanjeev graduated with First Class in Economics from the University of Delhi and remains an active and proud alum.







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Mr Sunil Chordia

Co- Chairman, CII National Committee on Technology, Innovation & Research, Chairman & Managing Director, Rajratan Group

Mr. Sunil Chordia started his career at an early age and joined the family business of iron and steel trading. He is a science graduate and then did his MBA (Finance) in 1987. In the year 1990, the family decided to foray into manufacturing Prestressed Concrete Wires and Pre-stressed Concrete Strands. That is when Rajratan Wire was born with a manufacturing facility in Pithampur, Madhya Pradesh. With the vision of providing superior quality and customer service, he undertook various innovative measures to grow Rajratan where it is today. He participated in various cross-country collaborations to introduce best manufacturing practices at his own manufacturing facility. This resulted in the evolvement of an indigenous technology into a world-class manufacturing setup with a skilled and informed workforce and products competing in international markets. To cater to the substantial tire capacities based out of South India & to set up a right feeder capacity to global markets, particularly Europe and US Presently he is chairman of CII Western Region. Mr. Sunil is also Chairman and Mentor of Levers for Change (LFC) – a niche implementation consulting firm that focuses exclusively on mid-sized, entrepreneurial run, manufacturing firms to help them achieve business and operational transformation.







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<u>Leadership Session 1</u>: Shaping the Decade: India's Future through Technology, IP, and Industry-Academia Leadership







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Mr Sachin Maheshwari Head - Corporate Development Lohum

Mr. Sachin Maheshwari is an accomplished deep tech investor, operator, and entrepreneur with over 25 years of experience in India and the United States. He founded EzCred, a consumer lending platform that utilized machine learning and NLP to underwrite consumer loans and manage collections. EzCred was successfully acquired by Coinbase, a NASDAQ listed global cryptocurrency exchange. Prior to founding EzCred, Sachin held senior positions at several prominent investment firms, including Zephyr Peacock, a private equity firm with approximately \$200M in assets under management (AUM). He has invested in Ananant Systems, which is building India's first Made in India telecom chip, and was an early investor in Lohum, a leader in battery recycling, where he also leads Corporate Development and global expansion efforts. Sachin holds an MBA from the Wharton School of the University of Pennsylvania where he was a Palmer Scholar and a B. Tech degree from IIT Kanpur in Computer Science. His extensive experience in both the investment and entrepreneurial sectors, combined with his leadership in innovative technology, has positioned him as a prominent figure in the global business and investment communities.



Prof V. Ramgopal Rao Vice Chancellor, BIS Pilani

Prof. V. Ramgopal Rao is currently the Group Vice-Chancellor for the Birla Institute of Technology & Science (BITS) Pilani campuses located in Pilani, Hyderabad, Goa, Dubai and Mumbai. Prior to joining the BITS Group in 2023, Prof. Rao served as the Director







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of IIT Delhi for 6 years during 2016-2021 and as a Chair Professor for Nanoelectronics at both IIT Bombay and IIT Delhi. Prof. Rao is an internationally acclaimed Nanoelectronics researcher with over 500 research papers and over 50 patents, which include 20 issued US patents. Prof. Rao is also well known for establishing major Nanoelectronics Programs in India. Prof. Rao's research and leadership contributions have been recognized with over 35 awards and honors in the country and abroad. He is a recipient of three honorary doctorates. The recognitions Prof. Rao received includes the Shanti Swarup Bhatnagar Prize in Engineering Sciences, Infosys Prize, IEEE EDS Education Award (the highest international award bestowed by IEEE Electron Devices Society for Education) and many others. Prof. Rao serves on the Editorial Advisory Boards of several leading international journals such as the ACS Nano Letters, AIP Applied Physics Reviews, IEEE Journal on Flexible Electronics etc. Dr. Rao has delivered over 200 Plenary, keynote and invited lectures all over the world.



Mr Masood Mallick

Chairman, CII National Committee on Waste to Worth Technologies, Managing Director, Re Sustainability

Masood is the Managing Director & Group CEO of Re Sustainability Limited. He has worked with leading global corporations and investors on circular economy, climate change and sustainability issues, across four continents over the last three decades. Before joining Re Sustainability, he served as Managing Director at ERM and was a pivotal member of ERM's Global Senior Leadership Team (SLT). Masood has also advised the Government of India on environmental policy and legislation, including regulatory standards and the country's Sustainable Development Goals (SDGs). He has led several national and international industry forums in the sustainability and circular economy space and is a recognized thought leader in these areas. He currently chairs the CII National Committee on Circular Economy (Waste to Worth Transformation).







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Dr Vibhav R. Sanzgiri

Executive Director R&D, Hindustan Unilever Ltd. Global R&D Head, Skin Cleansing Category, Unilever Site Leader India R&D (Unilever and HUL)

Dr Vibhav Sanzgiri is Executive Director, R&D of Hindustan Unilever Ltd. (HUL), and a member of its Management Committee. He is also the Global R&D Head for Unilever's Skin Cleansing Category, and a member of Unilever's Global R&D Leadership Team. He is the Site Leader for all the India-based Unilever and HUL R&D Centres in Mumbai, Bengaluru and Gurugram - housing >820 (and 100% Gender Balanced) scientists and technologists. Vibhav has a number of patents and publications and leads several national and global collaborations with academia and industry for Unilever. He has a Ph.D in Microbiology/Molecular Biology from the Bhabha Atomic Research Centre. Vibhav is a strong ally and advocate for inclusion and is passionate about driving real impact through Science, Technology & Sustainability initiatives through industry-academia partnerships.



Mr Shaheen Majeed

Vice- Chairman, CII National Committee on Intellectual Property and Global CEO & Managing Director, Sami-Sabinsa Group

Shaheen Majeed is the Global CEO & Managing Director of the Sami-Sabinsa Group. Shaheen has held diverse roles and over 25 years, he shaped the company into a global nutraceutical ingredient leader. Some achievements include ensuring the company's adherence to cGMP and regulatory standards, guiding numerous clinical studies to publication, and launching products that are category leaders. He holds 62 US & International patents and has authored 31 peer-reviewed publications, showcasing his



dedication to advancing scientific research and product innovation. Before his current position, Shaheen served as CEO of HB Natural Ingredients, BGG Americas, and Algae Health Sciences, subsidiaries of BGG World. His status as an industry thought leader is demonstrated by his dozens of speaking engagements and hundreds of trade publication interviews through the years. Before his current position, Shaheen served as CEO of HB Natural Ingredients, BGG Americas, and Algae Health Sciences, subsidiaries of BGG World. His broad experience and strategic vision continue to drive Sabinsa's growth and innovation on the world stage.



Mr Vivek Shah

Vice- Chairman, CII National Committee on Intellectual Property and CEO, Meril Life Sciences

Vivek Shah is chief executive officer (CEO) of the Meril group of companies. As CEO, his responsibilities include the Strategy development for all existing and new businesses, Expanding the global on-ground presence of the group into all key markets, and Increasing Meril's market share. In his 15 years at Meril, Mr Shah has led a number of critical initiatives across businesses that have made the company the most significant player in its areas. For instance: He built the most effective sales team in orthopaedic devices, which is why Meril has the largest share of the market in India. He worked with doctors across the country (and globally) and product design teams to simplify and thus make the surgical process easier. Over the last 4 years, he has been building the endosurgery business, and a products team that would make Meril the largest player in surgical devices in India. Bringing over 25 years of extensive experience to the table, Mr. Shah has proven his leadership prowess in managing large teams within the healthcare industry. Notably, a significant portion of his career has been dedicated to making impactful contributions at Meril.







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Mr Abhijit Kamra

Director – Emerging Markets: Seller Experience and Smart Commerce, Amazon

Abhijit is an Amazon Veteran having spent over 13 years with the organization. He was part of the core team that launched Amazon in India. From there on he has managed several large Multi-Billion Dollar businesses across different parts of Amazon. In his current role he leads a multifunctional team which is responsible for helping our Selling Partners across IN, MENA, LATAM and APAC succeed on and off Amazon. Abhijit is also passionate about investing and growing people and is the business sponsor for the Stores Campus Hiring and DEI programs.







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Session 2: Building Sunrise Sectors: Technology Leadership for a Future-Ready India







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Mr P S Jayan Corporate Technology Officer Carborundum Universal Limited

A chemical engineer with 39 years of Industrial experience in Manufacturing, R&D and Business Administration. Joined Carborundum Universal Limited as a Graduate Engineer Trainee and superannuated as Executive Vice President and Business Head in May 2021.Served as a Director on the Board of three Overseas Operations - CUMI Middle East, CUMI Europe and VAW Russia. Hands on experience in various technologies such as ceramic melting, smelting, fine powder processing, plasma process, sol gel synthesis and nano material processing. 20 patents. Created lab to commercial scale operations which helped redefining the business scope and enabled addressing global markets. Travelled widely for business relationships, technology tie ups, product promotions and expanding operations. Steered the business to achieve various National awards in the areas of Innovation, Industry Excellence, HR Excellence, Manufacturing Green Initiatives etc. Continuing with Carborundum Universal Limited as their Corporate Technology Officer supporting CUMI and Its Subsidiaries on Technology and New Businesses. Also, Executive Review Committee member for India Innovation Centre for Graphene.



Mr Sameer Gandhi Managing Director, OMRON Automation India

Mr. Sameer Gandhi brings with him an experience of over 32 years spanning across multiple disciplines and industries in the manufacturing and automation realms. As Managing Director, OMRON Industrial Automation, India, he oversees expanding the



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organisation's footprints in the country by steering the conceptualization and execution of all key strategies related to sales and business development. Leading the team for over eight years now, Mr. Gandhi has led the organisation in strengthening its share in creating intelligence for varied manufacturing sectors such as Automotive, Food n Beverage, Pharmaceuticals, FMCG, Packaging, Infrastructure to name just a few. Under his leadership, the company has also been able to diversify its prowess in its sensing & control technology portfolio by adding futuristic concepts like - Robotics, Total Automation Solution, IIoT, etc. Endowed with an agile personality and multi-faceted skillset, he is working towards establishing OMRON as a comprehensive automation partner in India providing end-to-end solutions for the discrete manufacturing industry. Prior to joining OMRON, he served ABB in various positions, the last one being Vice-President Strategic Account Management, focusing on strengthening relationships with key customers in India across various ABB business verticals- Minerals, Power Generation & Transmission, Aluminium, Cement, etc.



Dr VL Ramprasad CEO (India) MedGenome Labs Limited, India

Dr. Vedam Ramprasad is a scientist with several peer-reviewed publications to his credit. He believes in harnessing the power of genomics to provide a better outlook to patients. He has been with MedGenome since its inception and spearheads operations and strategy. He has been a prime driver in building the diverse genetic testing portfolio MedGenome offers. He is also credited for launching some of the critical genetic tests at an affordable price which include the Non-Invasive Prenatal test (NIPT), Carrier Screening test, and Liquid Biopsy to name a few. His commitment to adhere to the highest quality standards and processes has been instrumental in obtaining CAP accreditation for MedGenome.







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Mr Manoj Rustagi Chief Sustainability & Innovation Officer JSW Cement Limited

Manoj is a senior business leader, and has significantly contributed to the strategic initiatives, new business development and capex projects resulting in sustainable growth in Cement and Steel sectors in his more than 32 years of professional career. In his present role as Chief Sustainability and Innovation Officer (CSIO), he is spearheading initiatives in Sustainability and R&D for JSW Cement Limited (JSWCL), India. JSWCL is a leading green building materials company in India with business interests in Cement, GGBS, Constructions chemicals and Ready-Mix concrete, and has lowest carbon intensity per tonne of cementitious product. He is whole time director & CEO of Shiva Cement Limited (subsidiary of JSW Cement). He is director on the board of Global Cement & Concrete Association (GCCA) India, in his personal capacity. He is on the Steering Committee of RECEIC (Resource Efficiency & Circular Economy Industry Coalition) – A G20 centric Global coalition managed by FICCI. He is also a member of CII national committee on Technology, Innovation & Research. He is passionate about sustainable growth adopting state-of-the-art and new cutting-edge technologies and Innovative solutions and speaks at various global forums on these topics. He is a Mechanical Engineering graduate from BITS Pilani, India and an MBA from Indian School of Business (ISB), Hyderabad, India.



Mr Harsh Vardhan Global Head – Digital Innovation Apollo Tyres

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Harsh Vardhan is a Digital Transformation Portfolio Leader and a Next-Generation Enterprise Technology Evangelist. His outstanding contributions to Digital, Business, and Cultural Transformation have garnered him numerous awards and recognition. A renowned Industry Influencer and Thought Leader, Harsh is celebrated for his achievements in Global Innovation, Best Portfolio Management, Technology Leadership, Diversity Advocacy, and advancements in AI and Analytics. His accolades include the Open Innovation Leader Award, A+ Open-Source Technology Contributor Award, and recognition as an Author of Books, Techno-Functional Blogs, and Research Papers. Harsh is also a top-certified Digital Transformation Leader, with expertise in Digital Product Management, Portfolio Financial Budgeting and Accounting, Generative AI, Advanced AI/ML/NLP/MLOps, Multi-Cloud Architecture, Cybersecurity, IIoT and Big Data Analytics, Microservices, and X-Ops.



Dr. Sailesh Gochhait Senior Manager, Business Development Clinical Sequencing Division, Thermo Fisher Scientific

Ph.D. from Jawaharlal Nehru University – Genetic Heterogeneity in Breast Cancer – 2007. Project with WTCHG, Oxford University on Genetic susceptibility to Leprosy – 2008. Publications in international peer reviewed Journals – Oncology and Genetic predisposition to complex diseases. Around 16 years of experience in the field of Clinical Genomics – Training, consultancy and Business development across South Asia region: Field Applications Scientists Team Lead – Thermo Fisher Scientific (2008 – 2018. Business Development for Reproductive Health Genomics (2019 – 2020. Business Development team lead for South Asia Clinical Sequencing Division – Thermo Fisher Scientific (2021 – till date)







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Dr Suraj Rengarajan SPG India Head Applied Materials

Dr. Suraj Rengarajan heads the Semiconductor Products Groups for Applied Materials India and is based in Bangalore. In this role he focuses on SPG strategic objectives in India, planning and growing a customer focused organization, growing local leadership talent, enabling collaboration across the India & Asia region, and strengthening university and ecosystem partnerships. Suraj started his career in Applied Materials, Santa Clara in 1997, where he held different roles ranging from process engineering, technology, program management, and product marketing for thin film deposition and metallization for interconnects silicides and novel memories. He moved to India in 2007 to head the SunFab group for Applied Materials in India. Later he headed the engineering group for dielectric deposition. As the India CTO, he worked on materials engineering driven inflections to develop and commercialize new technologies. Suraj holds a B. Tech from IIT Madras in Metallurgical Engg and earned his M.S and Ph.D. from the University of Texas at Austin in Materials Science. He has over 15 US patents and holds more than 20 publications.







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<u>Session 3:</u> Critical intellectual property (IP) Protection Issues in a Tech-Driven Era







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Dr Anju Khanna Director-Patents, Lall & Sethi

Dr Anju Khanna heads the Patent Department and is in-charge of both patent prosecution and litigation at the firm. She has more than 22 years of work experience with nearly 20 years in the field of patents. She oversees and handles work in different technology domains including chemistry, pharmaceutical, medical devices, electrical and mechanical inventions, telecommunication to name a few. She is actively involved with the Patent Office and the Department for Promotion of Industry and Internal Trade (DPIIT) and organizations like the Confederation of Indian Industry (CII) and Invest India etc. in policy decision making and regularly engages with them in this regard. Dr Khanna has been a member of the IP Committee of the CII for several years. Dr Khanna is a member of APAA, INTA, AIPPI and IPO association. She was a member of the Patent Committee (India Group) of APAA from 2016-2018. Dr Khanna has been actively engaged with INTA since several years, by being a member of a committee at INTA and participating in round table discussions during the conference. Currently she is a member of INTA's Trade Secrets Committee for the period 2024-2025.



Prof Dr Heinz Goddar

Patentanwalt, European and German Patent and Trademark Attorney - BOEHMERT & BOEHMERT

Prof. Dr. Heinz Goddar is a German European Patent Attorney, with his office at Munich, as a partner of Boehmert & Boehmert. He holds a PhD in physics and teaches Intellectual Property Law as Honorary Professor at University of Bremen, Germany, as Lecturer at Bucerius Law School (BLS), Hamburg, and at the Munich Intellectual



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Property Law Center (MIPLC), Munich, Germany. He is furthermore a Visiting Professor as well as a Lecturer at several foreign universities in both Asia and U.S.A. He is a Past-President of LES International (LESI) and of LES Germany. Gold Medallist of LESI 2005, inducted into the IAM IP Hall of Fame 2014. He is listed as one of IAM 300 Global Leading IP Experts for several years. Together with Melanie Müller since 2023 co-editor of "Trade Secrets Throughout the World" ("TSTW", i.e. ISBN 978-1-731-95271-4). Since 2006 he is a member of the WIPO list of mediators and arbitrators. Since 09/2023 member of the Advisory Board of Saudi Authority of Intellectual Property (SAIP). Since 04/2024 Honorary Advisor of LES Korea, since 08/2024 member of the Intellectual Property committee of CCPIT Mediation Center, Beijing (PRC).



Dr B Dinesh Kumar Head - IPM, Dr Reddy's Laboratories

Dr. B. Dinesh Kumar is Head & Executive Vice president – Intellectual Property, Dr. Reddy's laboratories. He has more than two and half decades of rich experience in handling Global IP and Litigation matters. In this journey of 27 years he has built and led the IP team of Glenmark, Teva and Emcure enabling these companies to create a robust IP strategy and create IP footprints globally. The time spent at NIT- Warangal in the stream of Organic Chemistry gave him an opportunity to plan his professional career in the pharmaceutical industry. As a natural corollary, he was inspired to join Dr Reddy's Research Foundation, a state-of-the-art facility, at Hyderabad engaged in the process of developing new chemical entities for finding solutions to unmet medical needs. When he joined the pharmaceutical industry, the field of Intellectual Property Management was in its nascent stage, and it immediately grabbed his attention as the chosen field to pursue his professional interests. Unravelling the secrets of copyrights, patents, and trademarks greatly enthused him and started enjoying the various facets of Intellectual Property Law, which eventually helped him to complete legal studies as well.







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Dr Ajai Garg

Advisor, Consultant on Global Trade, Policy and Compliance for Digital Technologies, Anand & Anand

Dr. AK Garg is a seasoned technocrat with 25 plus years of experience and a proven track record for professional excellence. Dr. Garg devised and led from the front myriad mission-critical digital transformation initiatives at MeitY apart from being a key contributor to various technology oriented and Trade & Policy related strategic forums of Gol. Currently Dr. Garg is heading the Digital Tech and Law Group at Anand and Anand where the firm is the process of evolving expertise on Legal and Advisory aspects on Emerging Tech including AI. Till recently as a Senior Director in the Ministry of Electronics and Information Technology (MeitY), Government of India, he was tasked with the responsibilities of key divisions including Startup, Innovation and IPR, International Cooperation and IT/ITeS Industry Promotion among others. He had strategically negotiated and managed various agreements, trade issues and MoUs with 50+ countries amid lean resources and outcome complexities. Dr. Garg was consistently engaged as Country Ambassador and a key representative in large international multilateral forums such as G20, WTO, BRICS RCEP and UNCITRAL and Shanghai Cooperation-strengthening India's position vis-a-vis key ICT challenges. A keen planner, strategist and implementer, Dr.Garg is passionate about promoting startupentrepreneurial ecosystem especially in the realm of emerging technologies in the country.



Mr Leo Paul Johnson IP Counsel, Siemens India

Leo Paul Johnson is an IP counsel at Siemens India, specializing in IP management for inventions across a wide array of technological domains, including factory automation,



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verification and validation of intelligent systems, and cybersecurity. With a robust background in both legal and technical fields, Leo brings a wealth of knowledge and expertise to the table, along with a keen enthusiasm for generative AI.

He holds a master's degree in Intellectual Property Management from Queen Mary University of London, complemented by a bachelor's degree in Electronics and Communications. Over the past 11 years, Leo has honed his skills in the IP field, effectively navigating complex intellectual property landscapes and providing strategic counsel to safeguard technological innovations. Leo's extensive experience and profound understanding of IP management make him a valuable asset in discussions on the latest advancements and challenges in technology and intellectual property. His insights are particularly relevant to industries seeking to innovate while protecting their intellectual assets.



Mr Nitin Sharma QC Technology Counsel, Qualcomm

Mr. Nitin Sharma is a seasoned professional with over 27 years of experience in Software and Wireless Communication, focusing on engineering, product lifecycle management, and intellectual property. At Qualcomm India, he leads various Intellectual Property initiatives, including managing Indian Patent Applications, being part of a team managing a patent portfolio centered on 5G/6G and AI/ML technologies, and conducting patent infringement analysis. He mentors technology startups through programs like Qualcomm Design in India and Qualcomm Women Entrepreneurs in Technology, and promotes IP education through sessions for startups, Technology Transfer Offices, and engineering colleges. In addition to his role at Qualcomm, Mr. Sharma contributes to IPR policy advocacy and innovation management. He holds leadership positions in industry associations such as GLIPA, Licensing Executive Society India, STEM, etc. Mr. Sharma's career spans roles at Tata Elxsi Ltd, LG Electronics, and consulting for companies like Tektronix, Sagem Inc, REI, and S-Telecom. Recognized by IAM Strategy 300 as one of the World's Leading IP Strategists in 2023, Mr. Sharma is dedicated to







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advocating the importance of IP for India, particularly for academic institutions and startups.

Session 4: India as Knowledge Economy: Strategies for Success through Industry-Academia Partnerships



Mr M S Unnikrishnan

Chief Executive Officer, IIT Bombay - Monash University

M.S. Unnikrishnan (Unny) is the CEO of IITB-Monash Research Academy, a research institute dedicated to a PhD program in cutting edge technologies and management, jointly promoted by IIT Bombay and the Monash University of Australia. He has previously held the position of M.D. & CEO of Thermax Group for over 13 years and played a pivotal role in the growth, professionalisation and globalisation of the company. He serves on the boards of KEC International, Kirloskar Brothers, Greaves Cotton. He is also the Chairperson for Livguard Energy Technologies. He is a trustee of "Akshayapatra," the largest NGO of India that feeds 19 lakhs/ day underprivileged school children, and Jehangir Hospital, Pune. He is a Fellow of Indian National Academy of Engineering since November 2019. Among many other honours and awards, he has been given the award of 'Eminent Mechanical Engineer' by the Institution of Engineers, India in 2017. A distinguished alumnus of VNIT, Nagpur, and Harvard Business School, USA, he continues to be a keen student of energy, environment, and management



Dr Susan Elias Director - Research Centre for Research & Consultancy Hindustan Institute of Technology and Science (HITS)

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Dr. Susan Elias serves as the Director of Research at Hindustan Institute of Technology & Science, Padur, Chennai, Tamil Nadu. With over 30 years of experience in academia and academic leadership, she has made significant contributions to research and industry engagement. As the Principal Investigator for five DRDO-funded projects, she has fostered collaborations across diverse sectors, including telecom, automation, energy, healthcare, automotive, and defense technologies. Specialized in Computer Science, Dr. Elias has been actively involved in advancing various generations of AI over the past decade. She has developed multiple AI-driven software solutions for industry applications and has guided student teams to success in national and international competitions and hackathons. Her dedication to nurturing entrepreneurs is reflected in her co-founding roles. She is the Chief Innovation Officer of MEDxAI, focused on advancing healthcare through medical innovations, and Daira EdTech, committed to educational technology advancements. Dr. Elias is passionate about inspiring future entrepreneurs and shaping education to bridge the academia-industry gap. A trailblazer in redefining higher education, she has championed initiatives like Classroom 4.0, an interactive learning space without blackboards or backbenchers, fostering a dynamic and inclusive academic environment.



Dr Raviraja N. Seetharam Chief Operating Officer, MAHE, Manipal

Dr. Raviraja is a distinguished scientist with over 27 years of post-PhD research experience in various fields of biology. He completed his first postdoctoral training at the Department of Biology, Mount Allison University, Sackville, N.B., Canada (2002-2003), followed by a second postdoctoral training at Albert Einstein College of Medicine, Bronx, NY (2003-2006). In July 2008, Dr. Raviraja joined Montefiore Medical Center/Albert Einstein Cancer Center, New York, as a faculty member. He has acquired extensive experience working with various mammalian cell lines during his tenure in New York. After 8 years of experience in Canada and the USA, he joined Stempeutics Research Pvt Ltd. in India in March 2010. At Stempeutics, he oversaw innovation, stem cell



manufacturing for clinical applications, and business development, helping to develop and commercialize several stem cell products in India. In 2020, Dr. Raviraja joined Manipal Academy of Higher Education (MAHE) as the founding Director of Corporate Relations (2020-2023), Professor and founding Head of the Manipal Centre of Biotherapeutics Research (2021-) Director of Planning and Monitoring (2023-24), and currently serving as Chief Operating Officer of Manipal Academy of Higher Education



Dr. Srinivas Oruganti, Ph.D, FRSC Director - Dr. Reddy's Institute of Life Sciences

Dr. Srinivas Oruganti is the whole-time Director of Dr. Reddy's Institute of Life Sciences (DRILS) since 2018. Dr. Oruganti received his Ph.D. in 2004 from the Indian Institute of Science, Bengaluru. His pivotal contributions pertain to bringing an active pharmaceutical ingredient to market as a generic drug through innovation in chemical process development and offering a strategic vantage point to any pharmaceutical company in its efforts to carve out a niche for itself in ever challenging generic drug market. With support from Government of Telangana - Dr. Reddy's Laboratories -Laurus Labs, Dr. Oruganti spearheaded the setting up of a multi-industry centric 'Flow Chemistry Technology Hub (FCT-Hub)' at DRILS to reiterate the commitment to chemical process development with guiding elements of sustainability and circular economy. Dr. Oruganti serves on the Advisory Committees of incubators - DST-TBI (Univ of Hyderabad), BioNest – MAHE (Manipal), SBTIC & B-Hub (Govt of Telangana), Apollo Health & Education Research Foundation (AHERF) and Monitoring Committees of CSIR's API-AHC (Affordable Healthcare Mission) and DST's API-KSM initiative. He is an inventor in more than 100 patents and has published over 40 research papers in leading international journals.







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Prof Kamal Kishore Pant Director, IIT Roorkee

Prof. Kamal Kishore Pant received his PhD (Chemical Engineering) degree from the Indian Institute of Technology Kanpur in 1997. He took over as the Director of the Indian Institute of Technology Roorkee on October 12, 2022. Prof. Pant previously held the positions of Petrotech Chair and Federation of Indian Petroleum Industries (FIPI) Chair Professor, Chairman GATE & JAM, Chairman, Library, Head of the Department of Chemical Engineering, and Dean Faculty at the Indian Institute of Technology Delhi. He is Adjunct Faculty at the University of Saskatchewan in Canada. He is also a Fellow of several national and international academies, which include the National Academy of Science India (NASI) and the Indian National Academy of Engineering (INAE). His area of interest is futuristic technologies of national and international importance, e.g., hydrocarbon conversion processes, biomass conversion and biofuel production, CO2 conversion technologies, e-waste, and plastic management.



Prof Avinash Kumar Agarwal Director, IIT Jodhpur

Prof. Avinash Kumar Agarwal obtained his Undergraduate Degree in Mechanical Engineering (1994) from Malviya Regional Engineering College, Jaipur and his MTech (Energy, 1996) and PhD (Energy, 1999) from the Indian Institute of Technology (IIT) Delhi. After his Post-Doctoral Fellowship (1999 – 2001) at the ERC, UW, Madison, USA, he returned to India in 2001 and joined IIT Kanpur. Currently, he is the Director of the Indian Institute of Technology Jodhpur, since May 1st, 2024, for a 5-year term. Prof. Agarwal has published over 553 peer-reviewed international journal and conference papers, 69 edited books, and 139 book chapters, attracting 18000+ Scopus and 27000+



Google Scholar citations. For his outstanding contributions, Prof. Agarwal is conferred upon Sir J C Bose National Fellowship (2019) by SERB, and more, at IIT Kanpur; in addition to inaugural version of Distinguished Alumni Award-2021 by MNIT Jaipur and Distinguished Alumni Award-2022 by IIT Delhi. Prof. Agarwal is a highly cited researcher-2018 in and is among the top ten HCRs from India, among 4000 HCR researchers globally in 22 fields of enquiry. He was also the founder-director of IIT Kanpur's Science and Technology Research Park. He also founded the International Society for Energy Environment and Sustainability (www.isees.in) in 2014.







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Mr R Saha Senior Advisor Confederation of Indian Industry

Mr R Saha is a B Tech from IIT Kanpur in Aeronautical Engineering and has done master from Cranfield University in England. He served the Government of India for 35 years in different capacities and handling different responsibilities including research and development and retired as Scientist G and Adviser from the Department of Science and Technology, Government of India. He has been a pioneer in leading the national efforts in policy making and capacity building in IPR. He was appointed a consultant by the World Intellectual Property Organization (WIPO) to prepare a National Study on IPR and MSME in India as a part of WIPO's Development Agenda. The study was completed in 2012. He has been the Senior Adviser to CII since 2011, advising them on IPR policies and other substantial issues being faced by the Indian industry like preparing policy papers, conducting round table meetings with industries, international organizations etc. He was the MHRD Chair Professor in IPR at Tezpur University, a Central university. Presently, he advises many institutions like IIT Delhi, IIT Kharagpur, C-DAC, NRDC, Indian Council of Medical Research and many government departments on IPR matter.



Dr R A Mashelkar Former Director General, CSIR and Chair of Jury for CII Industrial IP Awards – 2024

Mr. R.A. Mashelkar was the longest serving Director General of Council of Scientific and Industrial Research (CSIR), also Chairman of National Innovation Foundation. He was the President of INSA, and the President of Global Research Alliance. He was the first Indian to win the most prestigious TWAS-Lenovo Science Prize (2018), which is



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considered as mini – Nobel Prize for developing world scientists, first Indian from India to be elected as Fellow of US National Academy of Inventors (2017), first Asian Scientist to win the Business Week (USA) award of `Stars of Asia' at the hands of George Bush (Sr.), the former President of USA and the first and only scientist to win the JRD Tata Corporate Leadership Award (1998) so far. Dr Mashelkar has been on the Board of Directors of India's most reputed companies, which include Reliance Industries Ltd. to Tata Motors Ltd. to Hindustan Unilever Ltd. In the post-liberalized India, Dr Mashelkar has played a critical role in shaping India's science, technology & innovation policies. He was a member of the Scientific Advisory Council to the Prime Minister set up by successive governments for thirty years. The President of India honored Dr Mashelkar with Padmashri (1991), with Padmabhushan (2000) and with Padma Vibhushan (2014), three of the highest civilian honours.







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Session 6: Business Transformation and IP in the broadest sense- IP by Design & IP for Growth



Mr Munish Sudan

Chief IP Counsel and Technology Intelligence Tata Steel Ltd.

Munish Sudan heads the IP department of Tata Steel Ltd and is also responsible for managing IP ownership, licensing, confidentiality, funding and other contractual aspects of research and technology collaborations. Before joining Tata Steel, Mr. Sudan worked with Evalueserve as a group manager, heading a multilingual team of more than 60 team members. He provided IP asset management and technology research and strategy solutions to Fortune 100 companies in the energy and chemical sectors. Mr. Sudan has counselled on issues surrounding M&A, technology valuation, joint venture structuring, licensing, and assessing technological breakthroughs. He speaks frequently at various national and international conferences (such as the CII, IAM, WIPO, Managing Intellectual Property and FICCI). Mr. Sudan is licensed to practice as a patent attorney before Indian Patent Office and holds a postgraduate diploma in IP law from the National Academy of Legal Studies and Research. He is also a certified licensing professional and a graduate in business management from XLRI Jamshedpur, specializing in strategy and marketing. Before beginning his professional career, Mr. Sudan completed a master's in chemistry at IIT Roorkee. In 2019, he was named IP Counsel of the Year by Legal Era IP awards. He has been identified as a leading strategist in the world by IPBC (an UK based media house) several times.







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Dr. Arshad Jamil

B.E.(Hon's) LL.B., MBA VP and Global Head - Intellectual Property Rights, BIOCON BIOLOGICS LIMITED

Arshad Jamil is a senior Patent Attorney with extensive experience of more than 2 decades in the legal and IP rights fields. Arshad is Vice President and Global head of IP rights and IP litigations at Biocon Biologics Limited, where he is responsible for devising IP strategy and handling Global Patent litigation for Biosimilars and the Biocon Group's patent and trademark filings and policy. Arshad manages Biocon group of companies IP portfolio of 1100+ global patents and 2000+ global trademarks with a team of 18 Techno legal professionals globally.

In his previous assignment, Arshad was a Senior Patent Attorney at Sun Pharmaceuticals, where he handled ANDA litigations, including Hatch Waxman settlements. Arshad is an Engineer turned lawyer and have Bachelor of engineering (B.E.), Bachelor of Laws (LL.B.) and executive MBA degrees to his credit. Arshad is a distinguished speaker at National /International IP forums and recognised by IAM as The World's leading IP strategists consecutively for 7 consecutive years 2017, 2018, 2019, and 2020, 2021, 2023 and 2024 editions of IAM strategy 300.







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Dr Shankar Venugopal Vice President, Mahindra & Mahindra

Dr Shankar leads technology innovation for the Automotive & Farm services business (AFS). He heads the intellectual property (Patents) and knowledge management functions. Prior to joining Mahindra & Mahindra, Shankar has held technology innovation leadership roles at GE, Dow, Honeywell and Cummins. He was awarded the GE's Edison Inventor Medal early in his career. Shankar obtained a Ph.D. in Materials Science and a gold medal for the best doctoral thesis from the Indian Institute of Science, Bangalore. He is also a TEDx speaker. Dr Shankar leads the Confederation of Indian Industries (CII)'s Technology, Innovation, Intellectual Property and Thought Leadership initiatives. He is a management committee member of the Society of Automotive Engineers (SAE) and he chairs the committee for Branding and Communication (B&C).







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<u>Session 7:</u> <u>Pioneering Emerging Technologies: Creating Global</u> <u>Champions for India@2047</u>







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Dr Alok Sharma R&D Head & Technical Director, Renal Pathology & Transmission Dr. Lal PathLabs Ltd.

Dr. Alok Sharma is a renowned medical professional & healthcare leader, specializing in the domain of Renal Pathology & Transmission Electron Microscopy. He currently holds the positions of Director, Nephropathology and Head Research & Development at Dr. Lal PathLabs Ltd., New Delhi. Dr Sharma also holds leadership positions in Indian Society of Renal & Transplantation Pathology (ISRTP) as the General Secretary and serves as a member of International & Social Media committees of International Renal Pathology Society (RPS). He was named among the Top 10 AIIMS, New Delhi alumni by the CEO insights magazine in 2023. Dr Alok Sharma has pioneered and established the only independent department of Renal Pathology & Transmission Electron Microscopy in India, which has now grown to be the largest in the World, processing more than 25,000 renal biopsies annually. Dr. Sharma's clinical work and domain leadership has profoundly impacted the clinical practice of Nephrology globally over the last two decades. He has received multiple awards for academic and research work, delivered more than 250 lectures and orations around the world & published more than 100 scientific research papers including few landmark studies in fields of renal glomerular diseases & renal transplant pathology.







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Dr Nagahanumaiah Director, Central Manufacturing Technology Institute (CMTI)

With over 28 years of dedicated service, Dr. Nagahanumaiah has emerged as a prominent figure in the realm of manufacturing research and leadership. His journey has encompassed two prestigious research institutions, namely CSIR-CMERI in Durgapur and CMTI in Bangalore. Dr. Nagahanumaiah holds a Ph.D. from the renowned Indian Institute of Technology Bombay, Masters in Tool Engineering from Indo-Danish Tool Room, Bangalore, and a bachelor's in mechanical engineering from Bangalore University. His research spans over areas including micro-nano scale manufacturing technologies, modular-reconfigurable machine tools, additive manufacturing, and tool design, rapid tooling for injection molding, cost modelling, manufacturing process selection, and manufacturability evaluation. He has left an indelible mark on the field of micro-nano systems engineering and manufacturing technology through his dedication and remarkable achievements.



Mr A K Menon Director, Strategi Automation Solutions Pvt Ltd.

A.K. Menon is a highly accomplished leader in industrial automation with over 30 years of experience. In 1996, he founded Strategi Automation Solutions Pvt. Ltd., a company specializing in manufacturing machine tending robots, designing and building custom factory automation equipment, and providing system integration solutions for various robotic systems. His expertise spans across Cartesian, SCARA, and articulated arm robots. Beyond his impressive technical background with a BTech Mech (Honours) and a PGDM (IIMB), Mr. Menon is a recipient of prestigious awards like the CII Design



Excellence Award, IMTEX FIE Foundation Award, and FKCCI Innovation Excellence Award. His dedication extends beyond his company, evidenced by his past leadership roles as Vice President and Secretary at the ISA Bangalore Section, mentorship at Pilani Innovation & Entrepreneurship Development Society, and past secretary position at WE ARE KEEN. In his free time, Mr. Menon finds passion in helping people with special needs and enjoys activities like reading, traveling, and music.



Dr Charudutta Panigrahi Policy Expert, Genomics, Illumina

Charudutta Panigrahi, a known technocrat, is on a mission mode to leverage genomics approach to mitigate public health issues in India. Illumina, the global major and genomics innovator, is applying innovative technologies to the analysis of genetic variation and function India to tackle public health issues including infectious diseases as tuberculosis, HIV/AIDS, malaria, and Oncology, rare diseases and NIPT. The National One Health Mission under the aegis of The Prime Minister's Science, Technology, and Innovation Advisory Council (PM-STIAC) aims to converge efforts towards overall pandemic preparedness and integrated disease control against priority diseases of human, animal and plant sectors, with active participation of the private sector innovators. Charudutta is assiduously working in and with collectives towards strengthening the health systems across the states, while India is on its way to becoming the world's third largest economy by 2030. With public policy expertise, he is helping to develop multi stakeholder partnerships to bolster the integration of genomics into public health research, policy and practice. Charudutta plays a pivotal role in prospecting & reviewing areas of focus underlying each effort, in identifying collaborations and in working towards filling any remaining gaps.







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Session 8: Driving National Priorities: How triage of Industry, Academia, and Govt can Solve Societal Challenges Together







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Mr Vivek Prasad Partner, PwC

Vivek is part of the India Leadership Team and leads the Markets function. He also leads Clients & Markets programme for the PwC Network's Asia Pacific & Americas (APA) cluster. In his role, he helps harness the firm's vast capabilities to create tangible and long-lasting impact for our clients and society. Vivek is a resident of Mumbai and been a lifelong PwCer - joined in 1995 as an article trainee. He is a qualified chartered accountant and in his close to three decades of experience, he has led many assurances, due diligence and advisory engagements for some of the largest domestic and international clients within the banking, asset management, mutual funds, private equity and capital markets segments. He previously led the Financial Services sector for PwC India and the India-West region Assurance practice. Vivek is closely involved in various industry committees and is an active member at industry events and forums.



Mr. Rajiv Tandon CEO of Strategic Initiatives & Industry Research Partnerships BITS Pilani

Rajiv Tandon leads endeavours to forge high-impact research collaborations that aim to accelerate innovation, drive the development of cutting-edge new products and solutions and enable partner organizations gain competitive advantage in their markets. He also spearheads the institute's efforts to explore new educational paradigms and opportunities that promise to deliver flexible and accessible learning experiences to meet the evolving educational needs of diverse and geographically distributed learner segments and ensure that BITS Pilani remains at the forefront of innovative & accessible education practices. Previously, Rajiv was the CEO for BITS Pilani's Work Integrated



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Learning Programmes (WILP) division, where he played a pivotal role in scaling WILP to an over 45,000+ Annual learner's system, catering to the forever evolving educational needs of working professionals from various industries. Rajiv's leadership in WILP fostered the creation of several innovative corporate partnerships helping many companies meet their talent acquisition, talent transformation and talent retention goals across industries such as IT & ITES, Manufacturing, Automotive, Energy, Pharmaceuticals, and BFSI etc. With over three decades of leadership experience in the education sector, Rajiv has worked with highly respected global learning companies such as NIIT Ltd and top ranked B-Schools like IMT Ghaziabad. During his long-standing career, he has performed many strategic leadership roles in India as well as several key International Markets in Americas, Asia and Africa. Rajiv is a Graduate in Economics from Delhi University and a Postgraduate in Management from IMI, Delhi.



Mr Aniket Gandhi Head R&D, Strategy & Operations Site Leader Mumbai R&D, Unilever IN

Aniket Gandhi is the Head of R&D, Strategy, and Operations at HUL, India's leading FMCG company with a turnover exceeding €6.5 billion. He is also the Site & Operations Head for the HUL Mumbai R&D Site. In his role as Strategy Head, Aniket passionately drives Unilever R&D's vision to "Innovate Boldly for People & Planet." Aniket holds a master's in chemical technology from the University of Twente, The Netherlands, and a bachelor's from the Institute of Chemical Technology (erstwhile UDCT). He has also completed a Business Education Program at IIM Ahmedabad. A transformative leader with extensive experience across various functions, Aniket visions becoming a CXO in every role, creating a sparkling tomorrow, while exceeding in today. His career spans Strategy, R&D, Innovation Design, Supply Chain, Manufacturing, Technology Management, Sustainability, Quality, and Operations. He is particularly passionate about steering Public-Private Partnerships to address societal challenges. Aniket is an active member of the CII Committee on Industry-Academia Collaboration. Based in Mumbai, he is committed to create a purposeful impact.







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Mr Anurag Chadha

Director Food & Beverage BioSolutions, South Asia Novonesis

Anurag is a business professional with 25 years of experience in food industry having commercial experience in biosciences, flavours, bakery fats, and edible oils. Currently, he is working as Director - Food and Beverage Biosolutions (FBB) for South Asia at Novonesis. FBB at Novonesis deals with all biosolutions from cultures, enzymes to probiotics for dairy, bakery, brewing, meats and plant food sector. Prior to Novonesis, he has worked with Cargill India, Oils and Fats division, as Business Head for Food Service, B2B and Bakery and was part of leadership team. As National Sales Manager, he was responsible for sales and operations for all strategic and key account of the company. Anurag's professional journey started with Coca Cola in quality operations and then moved to Kellogg's where he got extensive experience in product development in cereal and bakery category. Midway in professional journey he took a sabbatical to pursue MBA from IIM Lucknow. This honed his skills to understand business and its intricacies in a more detailed manner. To keep himself fresh and active, he runs long distances on weekends and participate in half marathons whenever possible.



Dr Neeraj Sinha Advisor Office of the Principal Scientific Adviser to the Government of India

Dr Neeraj Sinha is an eminent scientist and renowned expert in the field of emerging technologies and critical science sectors. He has been leading Govt. initiatives on new product and technology development of various projects of strategic importance. Dr Sinha is currently serving as an advisor to the PSA, Gol. Prior to present assignment, he was working with NITI Aayog and led various initiatives towards India's consistent growth on global innovation index.







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Session 9: Strategizing Collaborations, Mergers, and Acquisitions through effective utilization of IPR







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Mr Yuvraj Dalvi Senior Manager, IP Cell, Serum Institute of India Pvt Ltd

Mr Yuvraj Dalvi holds a master's in biotechnology and MBA in IPR. Mr Yuvraj is a Global IP Team lead (with >17 years associated with Serum Institute of India Pvt Ltd, Cyrus Poonawalla Group). His area of expertise encompasses innovation harvesting, IP Due Diligence, IP Risk Analysis/FTO, Technology scouting, Global Patent Portfolio management, Contentious matters, IP support (R&D, Manufacturing, QC, Clinical, Business, Legal) & Facilitating Patent Procedural Compliances related to DPCO/NBA. His accomplishments include implementing robust IP Best Practices (Viz Dual Incentive system/IP Cell/Inventors; Centralized Disclosure Clearance System; Customized lowcost IP management software developed in-house; Emphasized on Early IP Risk identification/mitigation; Strategic multilayered approach for holistic IP protection for products). He is a member of "CII National Committee on Intellectual Property Rights" and has contributed (in capacity of speaker/panelist) for "Vaccine/Biologics related IP aspects" (WHO, I-MAK, MSF, GAVI, DCVMN, ASIL, PKC/GoI). Attended several IP summits/conferences (IP Asia/Japan, EU Litigation). He played instrumental role in securing several IP awards for SIIPL Viz "CII Industrial Innovation Award- Top50 Innovative Companies- India", "IP Excellence Award (Questel)", "USPTO Patents for Humanity Award (Medicines Category)" & "CEO Award- Ideas for Change".









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Mr M Faisal General Manager and Global Head, IPR Department, Tata Motors Ltd

Mohammed Faisal is working as General Manager & Global IPR head for Tata Motors Group. He is a registered Indian Patent Agent, has rich experience in the Intellectual Property domain across various industries and listed among top IP professionals including IAM Strategy 300 list of global IPR professionals. Before joining Tata Motors, Faisal has worked with leading technology conglomerate L&T Technology Services Limited and reputed law firms such as Lex Orbis and Singhania & Co. LLP. Faisal possesses more than two decades of experience in Innovation lifecycle management, IP procurement, IP management, valuation, enforcement and Technology Transfer.



Mr Sahastrarashmi Pund Head - IPR Endurance Technologies Ltd.

A seasoned IPR professional with more than 17 years' Industry experience in Innovation, Intellectual Property Rights, IP Leveraging/Licensing and Knowledge Management. Registered Patent Agent with Indian Patent Office (IN/PA-1821); Thorough knowledge in Indian Patent system, filing procedures and practices; Exposure to patent filing procedures under Patent Corporation Treaty (PCT) & National Phase filing in US, EP and major IP regimes. Expertise in Patentability analysis, drafting patent specifications, prosecution/office actions, Freedom to Operate Analysis and IP Due diligence; Experience in protecting Industrial Design, Trademarks, Trade Secrets



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Techno-commercial Analysis of Patents and Monetization of patents; revenue generation from patent portfolio, executed Four IP licensing agreements till date Program Management, execution and resource optimization for on time delivery; Ability to work independently as well as collaboratively in a team; and Very dedicated with Effective Communication Skills and Leadership qualities. Led the IP team and the organization from front to receive "CII IP Award", "National Intellectual Property (IP) Awards and World Intellectual Property Organization (WIPO) Users' Trophy" in the category of "Best commercialization of Patents based products/ processes in India".







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<u>Session 10:</u> Innovation, R&D, and Technology: Driving India's <u>Global Leadership</u>







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Mr Tito Kishan Founder, ProInn Consultancy®

Sri. TitoKishan Vemuri has been grooming PROfessional INNovation (PROINN®) Specialists in India using TRIZ methodologies since 2006. With the structured innovation methods of TRIZ and DFP he enables differentiated solutions and strong patent portfolio development by working with teams responsible. With 2 decades of corporate leadership at GE Aviation, GE Energy and Tata's, he started on his own as a Founder, Proinn Consultancy®, a proprietorship firm in 2015. In 2020, he formed Proinn Consultancy LLP which is promoted as Proinn®. Proinn® partners with corporations in 2-3 years' time frame and contribute to facilitating huge innovation transformation growth with differentiated solutions, strong patent portfolios & groom world class internal innovation practitioners. Mr. Kishan is the 1st TRIZ level 4 Specialist certified by MATRIZ from India and also one of the eight elected board members of MATRIZ (The international TRIZ Association) in Sept. '24. He has been a big proponent of growing India amongst top 10 on Global Innovation Index (GII) with invention driven innovations using the structured innovation methods of TRIZ. Sri. Kishan through TRIZTI® (a nonprofit educational trust and India's regional MATRIZ Association) is on a mission to groom a million inventors.







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Mr Rajesh Kohli Chairman and Managing Director HMT Group of Companies

Rajesh Kohli is CMD for the companies of HMT Group since April 2024. In his recent assignment at BHEL till March 2024, he was heading Corporate Technology Management group at BHEL as Executive Director. His roles included Technology Licensing, Joint Ventures, Mergers & Acquisition, Innovation Strategy, Knowledge Management etc. Under this role, BHEL successfully forged partnerships with global OEMs in diverse businesses; and also pursued new partnerships in hydrogen value chain including Centres of Excellence. He is a Mechanical Engineer with Honours from N.I.T Kurukshetra India with more than 37 years of engineering industry experience. He has worked in diverse areas of advanced technologies like Superconducting machines, large hydro machines and defence business at BHEL including R&D, and IPR portfolios. He has been actively working with the management fraternity, having led the Regional Management Association in Uttarakhand India, under All India Management Association. He has been actively involved with R&D fraternity across Institutes and Govt. bodies in furthering the cause of in-country R&D capabilities.







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Mr Deepak Baid Vice President-Research & Development, Unitary Cooling Products Blue Star

Deepak is working as Vice-President R&D, in Blue Star Itd, having a rich experience of more than 2 decades in NPI, value engineering, quality assurance, product statutory and regulatory compliance and worked across various Indian and multi-national companies like Havells India Ltd, Coca-Cola India Pvt Itd, Voltas Itd, LG electronics India Itd, Frick India Itd. Deepak has handled wide range of products in HVAC segment like residential ACs, light commercial ACs, commercial ACs and Industrial ACs alongwith commercial refrigeration products. He has been instrumental in setting up R&D centres and teams introducing a complete range of new products. Deepak has authored a book on "Performance parameters of refrigerating compressors" and has been granted a patent for "Controlling an Air conditioner using a real time humidity sensing system". He is actively involved in various technical committees of RAMA, BEE, BIS etc.



Mr Karthik Ekambaram Executive Vice President & Director – DEI Solutions AVTAR

Karthik is a Diversity and Inclusion specialist with rich experience of completing several seminal projects successfully for various organizations. An MBA, with over 25 years of experience in business analysis, talent strategy and workforce diversity consulting, he has devised flexible working policies and created diversity-ready workplaces for several fortune 500 organizations. As one of India's pioneers in the field of Second Career



programs, Karthik has been a key architect in the re-entry of women into the workplace. He has worked on many research studies on Diversity & Inclusion, Second careers for women, Generations in the workforce, Flexible working and Work-life balance. Karthik leads India's largest study on Diversity & Inclusion – Working Mother and AVTAR Best Companies for Women and Most Inclusive Companies in India. He has conducted several D&I audits & assessments of organisations across Industries. He has also conducted workshops for Senior Leadership Team in companies such as Abbott, JSW Group, Boeing, Sundaram Fasteners and PepsiCo India. Karthik has also co-authored several papers that have been published in Journals of National and International repute. He has been conferred the DIVERSITY LEADERSHIP AWARD by World HRD Congress.



Group Captain Prince Devaraj (Veteran) Head of System Integration, Government / Public Sector L&T Technology Services

Group Captain Prince Devaraj (Veteran) is a computer science engineer with over 30 years of experience in the field of wireless and wired communication, data centre technologies, cyber security and cyber forensics. He has experience in integration of various communication technologies and has delivered over 21 Tier III/Tier IV data centres for strategic government customers.







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Dr (Smt) Chandrika Kaushik

Outstanding Scientist & Director General - Production Coordination & Services Interaction (PC & SI), Defence Research and Development Organisation (DRDO)

Dr. Kaushik has been at the forefront of India's most significant defence advancements. She steers five corporate verticals in DRDO, viz., the Armed Forces Interactions, Industry Interface & Technology Management, International Cooperation, Internal Security Technology Requirements, and Quality Reliability & Safety and is one of the important pillars in the top DRDO Management. As the Director General of PC&SI She has been instrumental in shaping the policies and initiatives that support DRDO's research and development projects. Dr. Kaushik holds a Doctorate in Defence Studies and has been part of multiple high-impact projects, contributing to the development of indigenous defence technologies. Her commitment to capacity building, technology transfer, and international collaborations in defence research has earned her accolades from various quarters. In addition to her professional achievements, Dr. Kaushik has played an instrumental role in empowering women in defence and technology, inspiring countless young minds to pursue careers in STEM fields. Dr. Kaushik's career exemplifies not only excellence in defence research but also integrity, commitment to public service, and an unwavering dedication to making India's defence sector world-class.







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Mr Vipin Sondhi

Chairperson - CII Green Mobility Council; Former MD & CEO Ashok Leyland and JCB India', Chairman, CII Industrial Innovation Awards 2024

Vipin Sondhi is the former Managing Director & Chief Executive Officer of Ashok Leyland, JCB India and Tecumseh India.

He is currently the Chairperson of the National Board for Quality Promotion, Quality Council of India; Chairperson of CII's (Confederation of Indian Industry) of the Council for Green Mobility.

He is a member of the Governing Council of the Foundation for Innovation and Technology Transfer (FITT), IIT Delhi and member of the Governing Board of I-Hub for Robotics and Autonomous Systems Innovation Foundation (ARTPARK) at IISc, Bangalore.







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Prof Rishikesha Krishnan Director, IIM Bangalore

Professor Krishnan's main areas of interest are strategy and innovation. He was a Visiting Scholar at the Centre for the Advanced Study of India, University of Pennsylvania (Fall 2008), and at the Indian School of Business (ISB), Hyderabad (2011-12). He held the Jamuna Raghavan Chair in Entrepreneurship at IIMB from 2007-10. Professor Krishnan writes extensively on strategy and innovation and has more than 200 publications spanning outlets that include refereed journals, the popular press, case studies, book chapters, and books. These include two books on innovation: From Jugaad to Systematic Innovation: The Challenge for India, published in February 2010, and 8 Steps to Innovation: Going from Jugaad to Excellence (co-authored with Vinay Dabholkar, and published by HarperCollins in March 2013). The latter won the Best Book Award 2013-14 from the Indian Society for Training and Development.







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Mr B Thiagarajan Managing Director - Blue Star Limited

B Thiagarajan holds a bachelor's degree in electrical and Electronics Engineering from Madurai University and a Senior Executive Programme from London Business School. He has more than four decades of experience, having worked for reputed companies such as Larsen & Toubro Ltd, BPL Systems Ltd and Voltas Ltd. Mr Thiagarajan has handled various assignments in Service Business, Corporate Communications & Marketing and Corporate Affairs & Planning before he was promoted to President of AC&R Products Group in 2009. He was elevated to the Board in 2013 and was appointed as Joint Managing Director in 2016 before taking charge as Managing Director with effect from April 2019. He currently oversees the Air Conditioning and Refrigeration business operations in India. He also oversees Corporate Communications and Public Relations functions. Mr Thiagarajan plays an active role in various industry forums and is the Past President of Refrigeration and Air Conditioning Manufacturers Association (RAMA) and the Past Chairman of CII Western Region and CII Maharashtra State. He is currently a member of the CII National Council and chairs the CII National Committee on Consumer Electronics and Durables. He is also the National Chairman of the Indian Green Building Council and Chairman of CII Green Cooling Council.







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