



Confederation of Indian Industry

# CII ANNUAL SUMMIT ON TECHNOLOGY, INTELLECTUAL PROPERTY, & INDUSTRY-ACADEMIA PARTNERSHIPS

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

12 ▶ 13 December 2024

New Delhi

## Programme Grid

<b>Day 1: Thursday (12 Dec 2024)</b>	
<b>Timings</b>	<b>Session name</b>
0800-1000 hrs	Registration/ Tea & Coffee
1000-1100 hrs	Inaugural Session
1100-1200 hrs	Session 1: The Decade Vision: Shaping India's Future through Technology, IP, and Industry-Academia Leadership
1200- 1300 hrs	Session 2: India's Technology Leadership in Sunrise Sectors
1300- 1400 hrs	Lunch
1400- 1500 hrs	Session 3: Critical Intellectual Property (IP) Protection issues in a Tech-Driven Era
1500-1600 hrs	Session 4: India as Knowledge Economy: Strategies for Success through Industry-Academia Partnership
1600- 1730 hrs	Session 5: Felicitation of <ul style="list-style-type: none"> <li>• CII Intellectual Property Awards</li> <li>• CII Industry-Academia Partnership Awards</li> </ul>
..... <b>Exhibition on the sidelines</b> .....	
<b>Day 2: Friday (13 Dec 2024)</b>	
<b>Timings</b>	<b>Session name</b>
0800-1000 hrs	Registration/ Tea & Coffee
1000-1100 hrs	Session 6: Business transformation and IP in the broadest sense- IP by Design & IP for Growth
1100-1200 hrs	Session 7: Pioneering Emerging Technologies: Creating Global Champions for India@2047
1200-1300 hrs	Session 8: Driving National Priorities: How triage of Industry, Academia, and Govt can Solve Societal Challenges Together
1300-1400 hrs	Lunch
1400-1500 hrs	Session 9: Strategizing collaborations, mergers and acquisitions through an effective utilization of IPR
1500-1600 hrs	Session 10: Innovation, R&D, and Technology: Driving India's Global Leadership
1600-1730 hrs	Session 11: Felicitation of CII Industrial Innovation Awards



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## Day 1: 12 December 2024

<b>Inaugural Session</b> <b>12 December 2024, 1000 – 1100 hrs IST</b>		
1000 – 1005 hrs IST	Welcome & Opening Address	<b>Dr Naushad Forbes</b> Chairman, CII National Committee on Technology, Innovation & Research, IP, & Industry-Academia Partnership Forum Co-Chairperson, Forbes Marshall
1005 – 1010 hrs IST	Perspectives on Industry-Academia collaboration	<b>Mr Sanjeev Krishan</b> Chairperson PwC India
1010 – 1020 hrs IST	Special Address	<b>Dr Rajesh S Gokhale</b> Secretary Department of Biotechnology
1020 – 1030 hrs IST	Special Address	<b>Prof Unnat Pandit</b> Controller General of Patents, Designs and Trademarks, Intellectual Property Office, Government of India
1030 – 1040 hrs IST	Special Address	<b>Dr Pawan Goenka*</b> Chairman INSPACE
1040 – 1055 hrs IST	<b>Release of the Reports:</b>  1. Compendium of Genomic Technologies 2. Industry-Academia Policy Communique	
1055- 1100 hrs IST	Closing Address	<b>Mr Sunil Chordia</b> Co- Chairman, CII National Committee on Technology, Innovation & Research, Chairman & Managing Director, Rajratan Group



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<b>12 December 2024</b> 1100 – 1200 hrs IST	<b>Leadership Session 1: Shaping the Decade: India’s Future through Technology, IP, and Industry-Academia Leadership</b>
<p>As India stands at the cusp of a transformative decade, the integration of technology, intellectual property (IP), and collaborative leadership between industry and academia emerges as the cornerstone of progress. This vision centers on leveraging cutting-edge innovations to drive economic growth, enhance global competitiveness, and solve pressing societal challenges.</p> <p><i>The session will deliberate upon key priorities include fostering a robust ecosystem for research and IP creation, nurturing talent, and cultivating partnerships between academic institutions and industries to bridge the gap between knowledge and application.</i></p>	
<b>Moderator</b>	<p><b>Dr Debashish Bhattacharjee*</b> Former Vice President Technology &amp; R&amp;D, Tata Steel</p>
<b>Panelists</b>	<p><b>Prof Ramgopal Rao</b> Vice Chancellor, BITS Pilani</p> <p><b>Mr Masood Mallick</b> Chairman, CII National Committee on Waste to Worth Technologies, Managing Director, Re Sustainability</p> <p><b>Dr Vibhav R. Sanzgiri</b> Executive Director R&amp;D, Hindustan Unilever Ltd. Global R&amp;D Head, Skin Cleansing Category, Unilever Site Leader India R&amp;D (Unilever and HUL)</p> <p><b>Mr Shaheen Majeed</b> Vice- Chairman, CII National Committee on Intellectual Property and Global CEO &amp; Managing Director, Sami-Sabinsa Group</p> <p><b>Mr Vivek Shah</b> Vice- Chairman, CII National Committee on Intellectual Property and CEO, Meril Life Sciences</p> <p><b>Mr Abhijit Kamra</b> Director – Emerging Markets: Seller Experience and Smart Commerce, Amazon</p>



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<b>12 December 2024</b> <b>1200- 1300 Hrs IST</b>	<b>Session 2: Building Sunrise Sectors: Technology Leadership for a Future-Ready India</b>
<p>India's path to becoming a global powerhouse lies in fostering its sunrise sectors, powered by technology, innovation, and visionary leadership. These emerging industries, ranging from AI, robotics, and drones to renewable energy and advanced manufacturing, genomics and many other technologies that are pivotal in shaping the nation's future.</p> <p><i>The session will focus on exploring the role of innovation, investment, and policy frameworks and building national competitiveness and leadership in driving these sunrise sectors to align with India's 2047 vision.</i></p>	
<b>Moderator</b>	<p><b>Mr P S Jayan</b> Corporate Technology Officer Carborundum Universal Limited</p>
<b>Panelists</b>	<p><b>Mr Sameer Gandhi</b> Managing Director, OMRON Automation India</p> <p><b>Dr VL Ramprasad</b> CEO (India) MedGenome Labs Limited, India</p> <p><b>Mr Manoj Rustagi</b> Chief Sustainability &amp; Innovation Officer JSW Cement Limited</p> <p><b>Mr Harsh Vardhan</b> Global Head – Digital Innovation Apollo Tyres</p> <p><b>Dr Sailesh Gochhait,</b> Senior Manager, Clinical Sequencing Division Thermo Fisher Scientific</p> <p><b>Dr Suraj Rengarajan</b> SPG India Head Applied Materials</p>



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<b>12 December 2024</b> <b>1400 – 1500 hrs IST</b>	<b>Session 3: Critical intellectual property (IP) Protection Issues in a Tech-Driven Era</b>
<p>All areas of technology are being rapidly influenced by digital technologies. Use of high-speed digital technologies are seen in information and communication technology engineering, computer science, pharmaceutical and biopharmaceutical sciences, medical science, aerospace and nuclear energy. Each sector would have some special requirements to be fulfilled. These technologies pose new challenges in the arena of intellectual property rights (IPR). The influence is over IPR laws, process of innovations, ownership and marketing of inventions, enforcement and jurisdictional issues. semiconductor technologies, AI, machine learning, IOT and many other related technologies. Global discussions are ongoing regarding ownership of AI driven inventions and other creative works. On the domestic front we need to address several issues. Some useful questions are (i) Are our IPR laws adequate to protect inventions driven by AI, (ii) what all is necessary to be included in patent applications, (iii) Do we have sufficient guidelines in this regard which make our protection process compatible with the best in the world? Similar questions also exist with respect to copyrights. Are there any new issues at the international level such as licensing which the Indian companies need to address? Do we need an action plan for protecting and implementing AI driven inventions?</p> <p><i>This session will discuss some of the complex issues mentioned above to keep pace with the fast-changing technology ecosystem.</i></p>	
<b>Moderator</b>	<b>Dr Anju Khanna</b> Director-Patents, Lall & Sethi
<b>Panelists</b>	<b>Prof Dr Heinz Goddar</b> Patentanwalt, European and German Patent and Trademark Attorney BOEHMERT & BOEHMERT  <b>Dr B Dinesh Kumar</b> Head - IPM, Dr Reddy's Laboratories  <b>Dr Ajai Garg</b> Advisor, Consultant on Global Trade, Policy and Compliance for Digital Technologies, Anand & Anand  <b>Mr Leo Paul Johnson</b> IP Counsel, Siemens India  <b>Mr Nitin Sharma</b> QC Technology Counsel, Qualcomm



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<b>12 December 2024 1500 – 1600 hrs IST</b>	<b>Session 4: India as Knowledge Economy: Strategies for Success through Industry-Academia Partnerships</b>
<p>By leveraging the strengths of industry as well as academia, India can accelerate innovation, foster research and development, and enhance its competitive edge in global markets. Key strategies will include fostering skill development, promoting research commercialization, and aligning academic curricula with industry needs. <i>Collaborative platforms, innovation hubs, and start-up ecosystems are also the key enablers of a thriving knowledge economy.</i></p> <p><i>This session will emphasize the need for policy support, funding initiatives, and infrastructure to enable seamless integration of academia and industry. The experts will share best practices to bridge the gap between theoretical knowledge and practical application. Ultimately, the session aims to outline actionable steps to build a sustainable, innovation-driven future for India.</i></p>	
<b>Moderator</b>	<p><b>Mr M S Unnikrishnan</b> Chief Executive Officer, IIT Bombay - Monash University</p>
<b>Panelists</b>	<p><b>Dr Susan Elias</b> Director - Research Centre for Research &amp; Consultancy Hindustan Institute of Technology and Science (HITS)</p> <p><b>Dr Raviraja N. Seetharam</b> Chief Operating Officer, MAHE, Manipal</p> <p><b>Mr Srinivas Oruganti</b> Director, Dr. Reddy's Institute of Life Sciences</p> <p><b>Prof Kamal Kishore Pant</b> Director, IIT Roorkee</p> <p><b>Prof Avinash Kumar Agarwal</b> Director, IIT Jodhpur</p>



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<b>Awards Ceremony</b> <b>Felicitation of CII Intellectual Property and Industry-Academia Partnership Awards</b> <b>12 December 2024, 1600 – 1730 hrs IST</b>		
1600 – 1605 hrs IST	Welcome & Brief of CII Industrial IP Awards	<b>Mr R Saha</b> Senior Advisor Confederation of Indian Industry
1605 – 1610 hrs IST	Address	<b>Mr Vivek Shah</b> Vice- Chairman, CII National Committee on Intellectual Property and CEO, Meril Life Sciences
1610 – 1615 hrs IST	Address	<b>Mr Shaheen Majeed</b> Vice- Chairman, CII National Committee on Intellectual Property and Global CEO & Managing Director Sami-Sabinsa Group
1615 – 1625 hrs IST	Address	<b>Dr R A Mashelkar</b> Former Director General, CSIR and Chair of Jury for CII Industrial IP Awards – 2024
1625 – 1700 hrs IST	<ul style="list-style-type: none"> <li>▪ <b>Felicitation of CII Intellectual Property Awards 2024</b></li> <li>▪ <b>Release of Compendium of Leading IP Driven Organisations</b></li> </ul>	
1700 – 1705 hrs IST	Address	<b>Mr Vipin Sondhi</b> Chairman, CII National Forum on Industry-Academia Partnership for R&D and Innovation
1705 – 1725 hrs IST	<b>Felicitation of CII Industry-Academia Partnership Awards</b>	
1725 – 1730 hrs IST	Closing Remarks	CII



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<b>13 December 2024 1000- 1040 hrs IST</b>	<b>Session 6: Business Transformation and IP in the broadest sense- IP by Design &amp; IP for Growth</b>
<p>In a globalized business environment intellectual property rights play a crucial role in transforming business for higher growth. Strong IPR, especially patents portfolio raises chances of introducing new products in the market, future collaborations, brand value, potential for licensing and return on investment. This also helps in developing a long-term innovation culture in a company or an organization. By aligning IP management with growth strategies, companies can ensure that their innovations not only remain protected but also act as key drivers of competitive advantage in an evolving business landscape as organizations are leveraging IP portfolios to unlock new revenue streams, foster collaboration and promote sustainability. Adopting 'IP by design" emphasizes incorporating IP considerations early in the product development lifecycle. This ensures early alignment with market, industry standards and the manufacturing process. It is imperative for management to have right policies and procedures to achieve these goals.</p> <p><i>This session will discuss the role of IP as a catalyst for innovation, the role of transformative technologies and best practices for fostering collaborative ecosystems that are geared toward driving innovation and competitiveness.</i></p>	
<b>Moderator</b>	<p><b>Mr R Saha</b> Senior Advisor Confederation of Indian Industry</p>
<b>Panelists</b>	<p><b>Mr Munish Sudan</b> Chief IP Counsel and Technology Intelligence, Tata Steel Ltd.</p> <p><b>Dr Arshad Jamil</b> Chief IP Counsel and Global IPR Head, Biocon Biologics Ltd.</p> <p><b>Dr Shankar Venugopal</b> Vice President, Mahindra &amp; Mahindra</p>
<b>1040 -1100 hrs IST</b>	<b>Felicitation of participants of CII Value IPR 2.0</b>





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<b>13 December 2024</b> 1100- 1200 hrs IST	<b>Session 7: Pioneering Emerging Technologies: Creating Global Champions for India@2047"</b>
<p>In a rapidly evolving world, emerging technologies are reshaping economies, societies, and industries, offering unprecedented opportunities for nations to assert global leadership. For India, achieving the vision of India@2047 means positioning itself at the forefront of transformative technologies. Globally, nations leading in these domains are leveraging innovation ecosystems, fostering IP creation, and prioritizing R&amp;D to build competitive advantage. For India to compete on this global stage, it must enhance collaboration with international stakeholders, aligning its goals with global standards while addressing local challenges.</p> <p>The session will delve into the key priorities on how by actively participating in global technology supply chains and innovation networks, India can solidify its position as a technology leader, contributing to and shaping global economic and technological paradigms by 2047.</p>	
<b>Moderator</b>	<b>Mr Niraj P. Bhukhanwala</b> Managing Director, Bhukhanwala Industries Pvt. Ltd.
<b>Panelists</b>	<p><b>Dr Subodh Pandey*</b> Vice President - Technology, R&amp;D Tata Steel</p> <p><b>Dr Alok Sharma</b> R&amp;D Head &amp; Technical Director, Renal Pathology &amp; Transmission Dr Lal PathLabs Ltd.</p> <p><b>Dr Nagahanumaiah</b> Director, Central Manufacturing Technology Institute (CMTI)</p> <p><b>Mr A K Menon</b> Director, Strategi Automation Solutions Pvt Ltd.</p> <p><b>Dr Charudutta Panigrahi</b> Director, Public Policy, Illumina</p>



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<b>13 December 2024 1200- 1300 hrs IST</b>	<b>Session 8: Driving National Priorities: How triage of Industry, Academia, and Govt can Solve Societal Challenges Together</b>
<p>In a world characterized by massive technological, demographic, environmental and geopolitical shifts, it's clear that these challenges are too vast for any one sector to handle alone. The tri-sector approach harnesses the distinct strengths that each sector offers – industry contributes to innovation, academia offers in-depth research, and the government provides the necessary policy directions and regulatory frameworks - thus creating a powerful ecosystem. India has several existing programs that leverage the collaboration of industry, academia, and government, such as Atal Innovation Mission (AIM), Make in India, Startup India, Ayushman Bharat and several others, to address societal challenges.</p> <p>The session will focus on how we can further enhance these collaborations to accelerate problem-solving and drive sustainable, inclusive growth. Key topics will include the development of effective policy frameworks, the commercialization of research, fostering public-private collaborations, and designing scalable solutions that meet the needs of our society</p>	
<b>Moderator</b>	<b>Mr Vivek Prasad</b> Partner, PwC
<b>Panelists</b>	<p><b>Prof G Sundar</b> Director, Off-Campus Programmes and Industry Engagement Birla Institute of Technology and Science, Pilani</p> <p><b>Mr Aniket Gandhi</b> Head – R&amp;D, Unilever</p> <p><b>Mr Anurag Chadha</b> Director Food &amp; Beverage Biosolutions, South Asia Novonosis</p>



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<b>13 December 2024 1400- 1500 hrs IST</b>	<b>Session 9: Strategizing Collaborations, Mergers and acquisitions through an effective utilization of IPR</b>
<p><i>In numerous mergers and acquisitions transactions, intellectual property rights (IPRs) are seamlessly integrated into the core operations and revenue streams, often escaping separate evaluation. IPRs now stand as significant assets in M&amp;A deals. Through acquisitions companies tend to secure IP assets to increase the value of the company, its growth, entry into new markets. In the high-end technology such as semiconductor technology collaborations in the form of cross licensing have become common which reduces the risk of infringement on both sides. Such deals involve many different forms of IPR namely, patents, copyrights, trade secrets, design and trademarks. Each country needs to provide enabling environment for IPR exchange in different type of activities like M&amp;A, licensing including cross licensing. In order to gain maximum advantage of innovation ecosystem, collaborations with universities needs to be promoted to access IPR of universities. Post-acquisition integration of IP assets demands alignment with the broader corporate strategy. Strategic alliances are designed to optimize the exchange and advancement of intellectual property assets, while concurrently protecting against potential misuse, empower enterprises to venture into new markets and technologies in a sustainable manner.</i></p> <p><i>This session will discuss the practices of utilizing IPR in M&amp;A activities and collaborations in India and elsewhere.</i></p>	
<b>Moderator</b>	<p><b>Mr Nagesh Kumar*</b> Director and Chief Executive Institute for Studies in Industrial Development (ISID)</p>
<b>Panelists</b>	<p><b>Mr Yuvraj Dalvi</b> Senior Manager, IP Cell, Serum Institute of India Pvt Ltd</p> <p><b>Mr M Faisal</b> General Manager and Global Head, IPR Department, Tata Motors Ltd</p> <p><b>Mr Sahastrarashmi Pund</b> Head – IPR, Endurance Technologies Ltd.</p>



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<b>13 December 2024 1500- 1600 hrs IST</b>	<b>Session 10: Innovation, R&amp;D, and Technology: Driving India's Global Leadership</b>
<p>By 2047, India envisions itself as a global leader in research and development (R&amp;D) and technological innovation, setting the stage for a transformative role in shaping the future of industries, economies, and societies worldwide. To achieve this ambitious goal, India will focus on creating a robust ecosystem that fosters creativity, collaboration, and commercialization of cutting-edge technologies.</p> <p>The session will discuss upon the key areas that are essential to achieve the aim such as world-class research infrastructure, sustainable and inclusive innovation, diversity &amp; inclusion, global partnerships and technology transfer, incentives for R&amp;D investment and industry-academia collaborations.</p>	
<b>Moderator</b>	<b>Mr Tito Kishan</b> Founder, ProInn Consultancy®
<b>Panelists</b>	<p><b>Mr Rajesh Kohli</b> Chairman and Managing Director HMT Group of Companies</p> <p><b>Mr Deepak Baid</b> Vice President-Research &amp; Development, Unitary Cooling Products Blue Star</p> <p><b>Mr Karthik Ekambaram</b> Co-Founder &amp; Head of Solutions Avtar Group</p> <p><b>Representative from LTTS</b></p>



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Awards Ceremony Felicitations of CII Industrial Innovation Awards 13 December 2024, 1600 – 1730 hrs IST		
1600 – 1605 hrs IST	Welcome & Opening Remarks	<b>Mr Vipin Sondhi</b> Chairman, CII National Forum on Industry-Academia Partnership for R&D and Innovation and Chair, CII Industrial Innovation Awards 2024
1605 – 1610 hrs IST	Address	<b>Mr B Thiagarajan*</b> Managing Director - Blue Star Limited
1610 – 1615 hrs IST	Address	<b>Prof Rishikesha Krishnan</b> Director, IIM Bangalore
1615 – 1625 hrs IST	Address	<b>Dr (Smt) Chandrika Kaushik</b> Outstanding Scientist & Director General - Production Coordination & Services Interaction (PC & SI) Defence Research and Development Organisation (DRDO)
1625 – 1730 hrs IST	<ul style="list-style-type: none"> <li>▪ <b>Felicitations of CII Industrial Innovation Awards 2024</b></li> <li>▪ <b>Release of Compendium of Notable Innovations 2024</b></li> </ul>	

\*\*\*\*\*Close of Summit\*\*\*\*\*