



Confederation of Indian Industry

Global Summit on Technology, R&D & IP

‘From Dependence to Dominance: Research, Deep Tech, and IP for AtmaNirbhar Bharat’

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16 -17 December 2025

Hotel Le Meridien, New Delhi

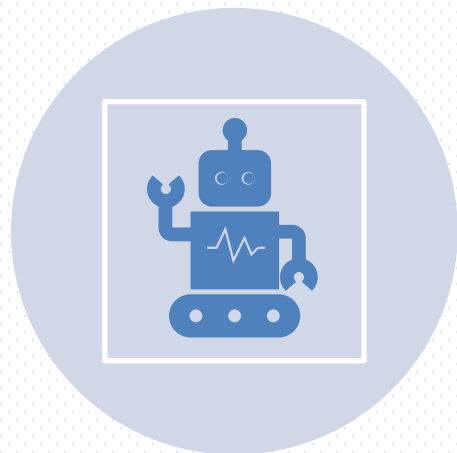
Deep Tech : The Next Growth Frontier



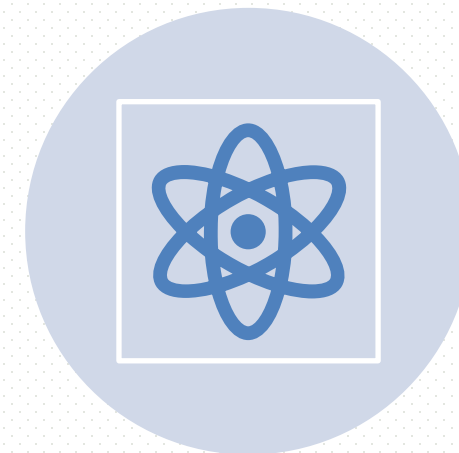
Global Opportunity: Deep Tech expected to add USD 8 trillion to the global economy by 2030.



India's Potential: India ranks 3rd globally in PhDs in Science & Engineering (after US & China), and 38th in GII (up from 81 in 2015)

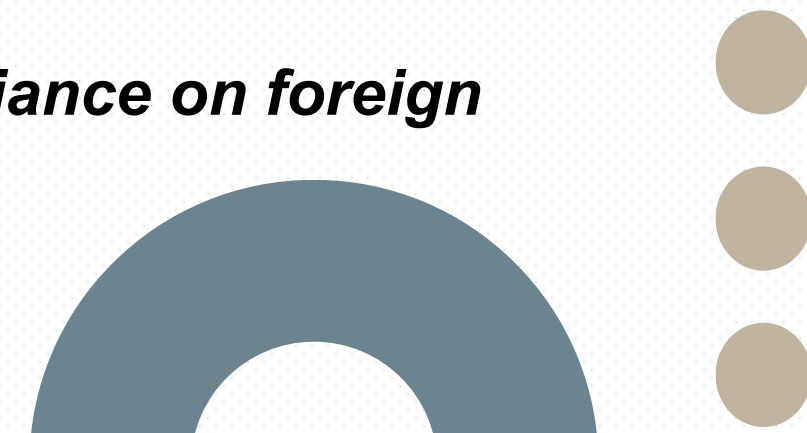


R&D Momentum: Over 42,000 patents filed in deep tech domains (AI, robotics, biotech, quantum, space) by Indian entities in the past 5 years ²



Strategic Sectors: Advanced Materials, Robotics, Quantum, Semiconductors, Space, Biotech, Clean Energy, driving national missions.

Deep tech is seen as crucial for India to harness its own critical technologies, reduce reliance on foreign powers, and achieve self-reliance in strategic sectors.



IP : Building Knowledge Capital



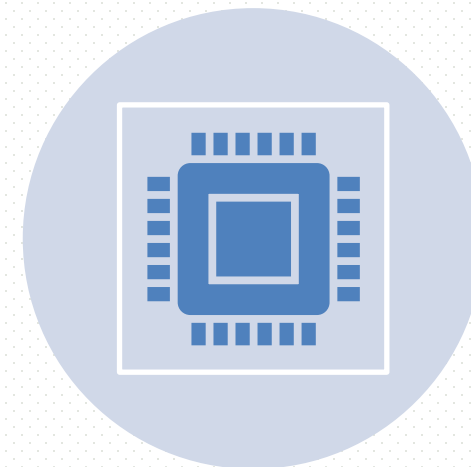
Patent Filings Surge: IP filings in the last five years have increased by 44%, rising from to 6,89,991 in 2024–25.



Domestic Growth: Share of Indian residents in filings rose from 20% in 2010 to more than 50% in 2024.



Trademarks & Designs: Over 5 lakh trademarks and 38000 industrial designs registered in 2024–25.



IP Ecosystem Expansion: 5x increase in IP examiners, faster processing times — average patent examination down to 12–24 months from 5+ years.

A robust IP ecosystem is the foundation for translating India's deep tech innovations into scalable solutions, global competitiveness, and sustainable economic growth.

Objectives



- I. Strengthening India's Tech Sovereignty:** To accelerate the transition from technology dependence to dominance a special emphasis on deep tech for *Atmanirbhar Bharat*.
- II. Leveraging IP for Global Competitiveness:** To highlight the critical role of intellectual property in protecting deep tech innovations, enabling commercialization, and positioning India as a global Deep Tech leader.
- III. Building Collaborative Innovation Ecosystems:** To bring together government, industry, startups, and academia on a common platform to drive strategic partnerships, policy frameworks, and investments for Deep Tech-led self-reliance.



Global Innovation Index (GII)



Deep Sea

Intellectual Property

Geographical Indications



Recognitions



Key Highlights



Thematic Sessions

- 🌱 Panel Discussions
- 🌱 Leadership Talks
- 🌱 Networking Opportunities



Celebrating Excellence

- 🏆 CII Innovation Awards ⁶
- 🏆 CII IP Awards
- 🏆 CII Women in STEM Awards



Thought Leadership

- 📊 Robotics & Automation
- 📊 IP Contribution of Indian Start-ups in Deep Tech
- 📊 TCS-CII Report on AI and IP



Exposition

- 🚀 Innovative Technologies
- 🚀 Counterfeiting Technologies
- 🚀 Robotics, Automation, Drones, UAVs

Networking Opportunities at Dinner

Stakeholders



**Government
& Policy
Makers**

**Academic/
Research
Institutions**

Industry

**Law Firms
& IP
Houses**

Startups

**International
S&T and IP
Agencies**

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Fostering Collaborations



COLLABORATION



Key Speakers



Dr R A Mashelkar
Former DG, CSIR and Founding
Chairman, CII IP Initiatives



Dr Naushad Forbes
Chairman, CII National Committee
on Technology, Innovation, R&D &
Chairman, Forbes Marshall



Mr B Thiagarajan
Co- Chairman, CII National
Committee on Technology,
Innovation, R&D



Professor Ashutosh Sharma
President, INSA, Professor
IIT Kanpur



Professor Rishikesha T Krishnan
Former Director,
now Professor, IIM Bangalore



Mr Sameer Gandhi
Chairman, CII National Task Force
on Robotics and MD, Omron
Automation, India



MS Vaishali Nigam Sinha
Chairperson, CII Women in STEM
Initiatives and Chair, ReNew
Foundation and Chief
Sustainability and CSR Officer
ReNew Power



Mr Alok Nanda
Co- Chairman, CII National
Committee on Technology,
Innovation, R&D and CTO, GE
Aerospace



Mr Vipin Sondhi
Chairman, CII Industrial
Innovation Awards 2025 &
Former MD and CEO, Ashok
Leyland and JCB India



Mr Vivek Shah
Vice-Chairman, CII National
Committee on IP, and CEO Meril
Life Sciences

Suggested Agenda



Day 1	
Timings	Session name
1000 – 1130 Hrs	Inaugural Session
1130 – 1230 Hrs	Session 1: Tech and IP Roadmap to AtmaNirbhar Bharat – From Dependence to Dominance
1230 – 1330 Hrs	Session 2: Global Technology Trends: Where India Stands
1330 – 1430 Hrs	Lunch
1430 – 1530 Hrs	Session 3: Deep Tech Frontier: Redefining possibilities with Robotics & Automation
1530 – 1630 Hrs	Session 4: Innovating Trust: Technologies Driving the Next Wave of Anti-Counterfeiting ⁹
1630 – 1730 Hrs	Session 5: Funding the Future: Innovation Finance, RDI Fund, and IP-backed Financing
1730 – 1900 Hrs	Felicitation of CII Industrial Innovation Awards
1900 Hrs onwards	Dinner & Close of Day 1

Day 2	
Timings	Session name
1000 – 1130 Hrs	Felicitation of CII Women in STEM Awards
1130 – 1300 Hrs	Session 6: IP as a Strategic Asset in the Deep Tech Era
1300 - 1400 Hrs	Lunch
1400 – 1500 Hrs	Session 7: Deep Tech Horizons : Advanced Materials Revolution for Industry & Impact
1500-1630 Hrs	Felicitation of CII Industrial IP awards
1630 Hrs	Close of Summit

---Tech and IP Exhibition on the sidelines ---

Why Participate



Gain Strategic Insights

Learn how Deep Tech is shaping India's journey from dependence to dominance.

Network with Leaders

Connect with policymakers, industry captains, researchers, and startup founders.

Access Global Best Practices

Learn from international case studies and innovation strategies.

Collaborate for Growth

Find potential partners across industry, academia, and government.

Explore IP Opportunities

Understand the role of intellectual property in commercializing and safeguarding innovations.

Showcase Innovations

Present your organization's Deep Tech solutions to a national and global audience.

Shape Policy Dialogues

Contribute to discussions that influence India's Technology and IP frameworks.

Key Outcomes



Strategic Roadmap – A clear pathway for India's Deep Tech transition from dependence to dominance.

Policy Recommendations – Action-oriented suggestions for strengthening India's IP and Deep Tech ecosystem.

Collaboration Frameworks – New partnerships between government, industry, startups, and academia.

IP & Innovation Playbook – Best practices for protecting, scaling, and commercializing indigenous technologies.

Global Benchmarking – Insights from international Deep Tech leaders adapted for India's context.

Sectoral Priorities Identified – Focus areas in Robotics, Advanced Materials, Deep Sea and other frontier technologies.

Investment Opportunities – Highlighted funding avenues and venture support for Deep Tech startups.

Venue & Contact



Hotel Le Méridien, Windsor Place, Janpath
New Delhi, India - 110001

For Partnership / Participation

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Glimpses of Past Summits



Looking forward to your partnership

Thank You!



Confederation of Indian Industry



The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society through advisory and consultative processes.

For 130 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. With its extensive network across the country and the world, CII serves as a reference point for Indian industry and the international business community.

In the journey of India's economic resurgence, CII facilitates the multifaceted contributions of the Indian Industry, charting a path towards a prosperous and sustainable future. With this backdrop, CII has identified "Accelerating Competitiveness: Globalisation, Inclusivity, Sustainability, Trust" as its theme for 2025-26, prioritising five key pillars. During the year, CII will align its initiatives to drive strategic action aimed at enhancing India's competitiveness by promoting global engagement, inclusive growth, sustainable practices, and a foundation of trust.

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Confederation of Indian Industry

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