



Confederation of Indian Industry

भारत सरकार GOVERNMENT OF INDIA
वाणिज्य एवं उद्योग मंत्रालय MINISTRY OF COMMERCE AND INDUSTRY



उद्योग संवर्धन और आंतरिक व्यापार विभाग
DEPARTMENT FOR
PROMOTION OF INDUSTRY AND INTERNAL
TRADE



5th International Conference on IPR

Innovation and IP-led Technology for a \$5 Trillion Economy

3-4 December 2019; Sovereign-1; Hotel Le-Meridien, New Delhi

Programme Grid

Day 1: 3 December 2019

| | |
|---------------|--|
| 0900-1030 Hrs | Registration /Networking Tea and Coffee / B2B meetings |
| 1030-1115Hrs | Opening Session “ IP as the driver of a \$5 Trillion Economy ” |
| 1110-1200 Hrs | Networking Tea / Coffee |
| 1200-1330 Hrs | Session 1: IPR in emerging technologies such as AI, IOT, Machine Learning, and Blockchain |
| 1330-1430 Hrs | Networking Lunch |
| 1430-1545 Hrs | Session 2: Encouraging IPR eco-system in incubators |
| 1545-1730 Hrs | Session 3: Role of Government and expectations of industry |
| 1730 Hrs | Networking Tea / Coffee and Close of Day 1 |

Day 2: 4 December 2019

| | |
|---------------|--|
| 0900-1000 Hrs | Registration & Networking Tea and Coffee |
| 1000-1100 Hrs | 5th CII Industrial Intellectual Property Award Ceremony 2019 |
| 1110-1215 Hrs | Session 4: IPR enforcement in India |
| 1215-1400 Hrs | Session 5: IP as collateral |
| 1400-1500 Hrs | Networking Lunch and Close |



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DAY 1

Opening Session

3 December 2019; 1030-1115 Hrs

India is galloping towards a Rs 35 lakh crore (\$ 5 trillion) economy and likely to achieve the goal in the next 5 years which calls for multiplying technological and scientific capabilities across industries, institutions and government by an order of magnitude. Government policies, legal framework and judiciary have to respond to new needs and challenges. Technological leadership is dependent on many factors including strong IPR portfolio and its meaningful utilization adding to the national economy. The challenges are across industries including engineering, pharmaceuticals, information technology, transportation and so on, each experiencing new opportunity. Industry leaders will share their vision and road to multiplying revenue generation with emphasis on importance of IPR in the scheme of things.

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|---------------|--------------------------------------|--|
| 1030-1040 Hrs | Opening Remarks | Mr Arvind Thakur Chairman, CII National Committee on Intellectual Property & Senior Advisor to the Board, NIIT Technologies |
| 1040-1055 Hrs | Address | Mr K Ananth Krishnan Executive Vice President and Chief Technology Officer, Tata Consultancy Services Ltd |
| 1055-1110 Hrs | Keynote Address | Mr N N Prasad Assistant Director General & Chief of Staff in the Office of the Director General World Intellectual Property Organisation, Geneva |
| 1110-1115 Hrs | Closing Remarks | Mr R Saha Senior Advisor (IPR) Confederation of India Industry |
| 1115-1200 Hrs | Networking Tea / B2B Meetings | |



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Session 1: IPR in emerging technologies such as AI, IOT, Machine Learning, and Blockchain

3 December 2019:1200-1330 Hrs

Inventions are happening at a rapid pace to handle big data for almost infinite number of applications. Development of various new tools, be it software or hardware, is impacting the technologies in a big way. Development of Chip on full wafer would increase the chip capacity presently handling 20 billion transistors to 1.2 trillion transistors resulting into more speed, power, memory and so on. Availability of quantum computers may no longer be a mere dream. Conversion of unstructured big data into structured data for training software, algorithm for statistical models and predictive capabilities will go a long way in determining the market leadership in these areas. There is a need for paradigm shift in how we look at these capabilities for the purpose of awarding patents and other IPR.

1200-1205 Hrs Opening Remarks by the Moderator:

Mr Arvind Thakur

Chairman, CII National Committee on Intellectual Property & Senior Advisor to the Board, NIIT Technologies

1205– 1310 Hrs Remarks by the Panelist

Mr P Sai

Global Head of IoT Unit R&I
Internet of Things (IoT)
Tata Consultancy Services

Mr Martin Brassell

Co-Founder and CEO
Inngot Limited

Mr Takeshi IIZUKA

Japanese Patent Attorney, a
member of International Activities
Center of Japan Patent Attorneys
Association

Ms Ara Cho

Deputy Director, International
Cooperation Division
Korean Intellectual Property
Office

Dr Anju Khanna

Director, Patent
Lall & Sethi

1310 – 1320 Hrs Panel Discussion and Q&A

1320 – 1325 Hrs Closing Remarks by the Moderator

1325-1330 Hrs **Release of CII-TCS report on Understanding Dynamics of Artificial Intelligence in Intellectual Property**

1330-1430Hrs Networking Lunch



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Session 2: Encouraging IPR eco-system in incubators

3 December 2019:1430-1545 Hrs

India is in the process of developing a strong and healthy system of incubation and start-ups through various schemes and policy interventions. While we wait for several unicorns to emerge from India in the near future, it is timely to take initiatives for promoting education and training of incubates in various incubators and start-ups to focus on protection of their IPR for angel and series funding. Government has taken many initiatives by setting up reasonably large number of incubation centres, funding start-ups and SME for proof of concept, scale up and prototyping of products and processes, bringing down the patent filing fees and introducing fast track examination. Some of the concerned agencies will share various schemes and their experiences

1430-1440 Hrs Opening Remarks by the Moderator: **Dr Rajendra Dobhal**, Director General, Uttarakhand S&T Council

1440– 1525 Hrs Remarks by the Panelist

Dr Anil Wali
Managing Director
Foundation for Innovation and
Technology Transfer (FITT), IIT
Delhi

Dr Muthu De Silva
Associate Professor (Senior
Lecturer), Entrepreneurship and
Innovation and Deputy Assistant
Dean, Birkbeck, University of
London, United Kingdom

Dr Shirshendu Mukherjee
Mission Director
Biotechnology Industry Research
Assistance Council(BIRAC)

1525 – 1535 Hrs Panel Discussion and Q&A

1535 – 1545 Hrs Closing Remarks by the Moderator



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Session 3: Role of Government and expectations of Industry 3 December 2019: 1545-1730Hrs

45% of total R&D expenditure in India comes from the central government and 38% from the private sector which go on to contribute about 0.8% of GDP which is much lower than what has been achieved by developed countries. The remaining contribution to R&D expenditure comes from state governments, public sector industry and higher education system. State governments and other agencies follow the policies of the central government as the latter is the fountainhead of R&D expenditure in India.

There is a classical dichotomy between public interest and private interest which has influenced governments in arriving at a balance. Agility and dynamism to align with speed and complexity of changes and nature of emerging technologies is now crucial. There is no choice for India but to resolve this dichotomy quickly and focus on how best we can serve the national interest by optimizing our academic, infrastructural and human resources in terms of utilization and expanding our capabilities. Facilitating sharing of IP rights between academia and industry to encourage industry and academia to come forward to join hands is crucial and important. This arrangement should be taken forward for sharing of revenue as well.

1545-1555 Hrs Opening Remarks by the Moderator: **Mr R Saha**, Senior Advisor (IPR),
Confederation of India Industry

1555– 1710 Hrs Remarks by the Panelist

Dr R R Sonde
Executive Vice President
Research, Technology &
Innovation, Thermax Ltd

Mr Ram Mohan Mishra
Additional Secretary &
Development Commissioner
Ministry of Micro, Small & Medium
Enterprises

Mr Vinayak Marathe
Senior Vice President- Head-
Planning, IP, and Bio-fuel project
and Operation, Reliance Industries
Ltd

Dr Ajai Kumar Garg
Director (HoD) International
Cooperation & Bilateral Trade,
IPR), Ministry of Electronics &
Information Technology,
Government of India

Dr AS Narayan
General Manager – Patent
Attorney, Patent Group India
Hindustan Unilever Ltd

Mr B P Singh
Joint Controller of Patents &
Designs
Intellectual Property Office, India

1710 – 1720 Hrs Panel Discussion and Q&A

1720 – 1730Hrs Closing Remarks by the Moderator

1730 Hrs Networking Tea / Coffee and Close of Day 1



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DAY 2

5th CII Industrial Intellectual Property Award Ceremony 4 December 2019; 1000-1100 Hrs

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| 1000-1010 Hrs | Welcome Address | Mr Arvind Thakur Chairman CII National Committee on Intellectual Property & Senior Advisor to the Board, NIIT Technologies |
| 1010-1020 Hrs | About the CII Industrial IP Award | Mr R Saha Senior Advisor (IPR) Confederation of India Industry |
| 1020-1030Hrs | Distribution of CII Industrial Intellectual Property Awards and release of report on Top IP driven companies | |
| 1030-1040 Hrs | Special Address | Mr N N Prasad Assistant Director General & Chief of Staff in the Office of the Director General World Intellectual Property Organisation, Geneva |
| 1040-1055 Hrs | Keynote Address | Dr Raghunath Anand Mashelkar Former Director General, CSIR and Chair of Jury for CII Industrial IP Awards – 2019 |
| 1055-1100 Hrs | Concluding Remarks | |



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Session 4: IPR enforcement in India & Abroad 4 December 2019:1115-1215 Hrs

Counterfeiting of trademark and piracy of copyrighted products have become a point of concern for IP holders in all countries including India. Industry loses considerable revenue due to counterfeiting as brought out by many studies. Stakeholders and enforcement agencies are coming together in multiple ways to fight out counterfeiting and piracy. This session captures industry and regulators practices and viewpoints being utilized for minimizing counterfeiting.

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| 1115-1120 Hrs | Opening Remarks by the Moderator: Mr G S Jaiya Former Director, World Intellectual Property Organization(WIPO) | | | | | | |
| 1120– 1200 Hrs | Remarks by the Panelist <table><tr><td>Mr Rajesh Kumar Joint Director, National Academy of Customs Indirect Taxes and Narcotics (NACIN)</td><td>Mr Huw Watkins Head of Asia Policy, Intellectual Property Office, United Kingdom</td></tr><tr><td>Mr Tejveer Bhatia Partner Singh & Singh</td><td>Ms Ara Cho Deputy Director, International Cooperation Division Korean Intellectual Property Office</td></tr><tr><td>Ms Smitha Murthy Assistant General Counsel Monsanto India</td><td></td></tr></table> | Mr Rajesh Kumar Joint Director, National Academy of Customs Indirect Taxes and Narcotics (NACIN) | Mr Huw Watkins Head of Asia Policy, Intellectual Property Office, United Kingdom | Mr Tejveer Bhatia Partner Singh & Singh | Ms Ara Cho Deputy Director, International Cooperation Division Korean Intellectual Property Office | Ms Smitha Murthy Assistant General Counsel Monsanto India | |
| Mr Rajesh Kumar Joint Director, National Academy of Customs Indirect Taxes and Narcotics (NACIN) | Mr Huw Watkins Head of Asia Policy, Intellectual Property Office, United Kingdom | | | | | | |
| Mr Tejveer Bhatia Partner Singh & Singh | Ms Ara Cho Deputy Director, International Cooperation Division Korean Intellectual Property Office | | | | | | |
| Ms Smitha Murthy Assistant General Counsel Monsanto India | | | | | | | |
| 1200 – 1210 Hrs | Panel Discussion and Q&A | | | | | | |
| 1210 – 1215 Hrs | Closing Remarks by the Moderator | | | | | | |



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Session 5: IP as Collateral 4 December 2019:1215-1400 Hrs

IPR are emerging as a new form of asset requiring quite a different treatment than what is known in respect of other moveable or immovable assets. Globally, it is known that intangible assets have much value than the tangible assets and the trend has been seen over the last decade or so. IPR are intangible assets and are not usually recognized as bankable assets in India which can be mortgaged with banks for seeking loans. In several countries, there are systems in place for advancing loans against IPR. As research becomes competitive it is essential to launch research and produce results quickly requiring large funds. Many challenges are faced in this journey starting from valuation of IPR to its recordation system to valuing risks by banks, an accepted mechanism for valuation and absence of a vibrant market for IPR transactions. This session will focus on some of these issues, share international practices, possible legal and commercial frameworks and valuation issues.

1215-1220 Hrs Opening Remarks by the Moderator: **Mr R Saha**, Senior Advisor (IPR)
Confederation of India Industry

1220– 1340 Hrs Remarks by the Panelist

Dr Aravind Bharadwaj
Chief Technology Officer & Head-
New Technologies
Mahindra & Mahindra Ltd

Mr K R Pradeep
Partner
Singh & Singh

Mr Martin Brassell
Co-Founder and CEO
Ingot Limited

Mr Aviral Jain
Managing Director
Duff & Phelps India Private Limited

1340 – 1350 Hrs Panel Discussion and Q&A

1350-1355 Hrs Closing Remarks by the Moderator

1355– 1400 Hrs ***Release of Publications on***

- CII-Singh & Singh report on Intellectual Property Rights-A case study for Monetization
- CII- Duff and Phelps report on Intellectual Property Financing: Using Intellectual Property as Collateral