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# **Discussion Paper on How to leverage a robust IP ecosystem to monetise investments**

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06<sup>th</sup> December, 2018

# Objective and focus of discussion paper

- To highlight key indicators and aspects defining evolving **Indian IP ecosystem**
- High impact of the **Information and Communication Technology (ICT)** sector on disruptive and innovative solutions
- Leveraging **ICT as an essential prerequisite** for the Government's key initiatives
- Initiate discussion on **interdisciplinary linkage** between :
  - Indian ICT
  - IP ecosystem and
  - innovation culture

# Key observations

- **R&D** assures **global competitiveness** and triggers **innovation**
- Catalyst for **on-site value creation** through
  - manufacturing
  - IP generation
  - high-skill jobs
- On-site value creation in key industries of the ICT sector (**mobile handset / mobile network**) are marginal
- Future digital infrastructure is dependent on
  - mobile handsets
  - mobile network equipment (telecom sector )
- For increased manufacturing the Ministry for Electronics and IT (MeitY) introduced **The Phased Manufacturing Programme** (PMP) in 2015
- To achieve Make in India target, **incentive-based** means and **investor's confidence** should be enhanced

# Key observations

- In ICT domain, **Intellectual Property** is a vital factor for creating a **conductive environment** for private investors
- The costs of technology shall be retrievable by the **market-driven interplay**
- **Collaborative standards** will allow Indian SMEs becoming a part of the **ecosystem** and **value chain**
- Increase India made innovations by using **4<sup>th</sup> industrial revolution**
- Acknowledgment and implementation of existing **standards** and **standard essential patents** is important
- To **recoup investments** on R&D, **market driven models** are essential
- **Conductive environment** plays very crucial role in enhancing **Bilateral collaborations** and hence accelerates the shift towards more **value creation on-site**

# Conclusion

- The applied **macro-economic angle** and **meta-perspective** on “ICT related innovation contributing to the IP and Innovation ecosystem in India” has proven to be an apt filter
- Economic potential underpinning the ICT sector can be leveraged only by
  - Co-creating solutions for Indian IP generation
  - Developing viable market driven models based on innovation and manufacturing in India



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**THANK YOU**