IMPacting Research, INnovation, Technology(IMPRINT)

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Source: IMPRINT website

Adopting engineering and technology as the vehicle to address societal needs and achieving national prosperity, MHRD has drafted a new and catalytic scheme called IMPacting Research INnovation and Technology or IMPRINT.

Objectives

- Identify areas of immediate relevance that require innovation in society.
- Ensure support and higher funding for research for identified areas.
- Measure the outcomes of innovation and research efforts and its impact on people's standard of living.

About IMPRINT

- IMPRINT is a **first-of-its-kind Pan-IIT and IISc joint initiative** to develop a New Education Policy, and Roadmap for Research to solve major engineering and technology challenges in selected domains needed by the country.
- The ten domains represent the most important areas relevant to our country in order to enable, empower and embolden the nation for inclusive growth and self-reliance.
- The ten domains are health care, information and communication technology, energy, sustainable habitat, nano-technology hardware, water resources and river systems, advanced materials, manufacturing, security and

defence, and environment and climate.

- The ten domains are distributed among IITs Kharagpur, Kanpur, Bombay, Roorkee, Madras and IISC, Bengaluru.
- The first phase of IMPRINT is dedicated to creating a policy document defining the scope, strategy, and mandate for pursuing engineering challenges in the country and not developing a specific technological product or process. The real engineering pursuit will ensue in the second phase.
- IMPRINT in its first phase is a policy developing initiative covering pedagogy, teaching, curriculum, technology-benchmarking and infrastructure readiness.
- IMPRINT is not meant only for IITs and IISc; it is a national movement providing an opportunity for the higher echelon institutes in India to integrate with all grass-root level institutes, industry and organizations, mutually complement and deliver what the country demands and aspires.

The mandate

Each technology domain of IMPRINT along with the underlying themes, targets, and topics embedded in them represents the immediate goals before the nation for engineering innovation and intervention. However, the principal motto remains the same for each domain:

1. To create an education policy for inculcating scientific temperament and innovation skill, and
2. To develop the research roadmap for technology preparedness.