

F. No. 35-2/2018-T.S.-I

Government of India
Ministry of Human Resource Development
Department of Higher Education
Technical Section-I

Shastri Bhawan, New Delhi
Dated: the 12th April, 2018

To,

- (1) The Directors,
All Centrally Funded Technical Institutions (CFTIs)
- (2) The Vice Chancellors
All Central Universities

Subject: Sanction of IMPRINT-II Initiative.

Sir,

I am directed to convey approval of the Government for implementation of IMPRINT-II with a view to address and provide solutions to the major engineering challenges by translating knowledge into viable technology (products or processes) in (10) selected technology domains, viz. (1) Healthcare, (2) Energy, (3) Sustainable Habitat, (4) Nanotechnology Hardware (5) Water Resources and River Systems (6) Advanced Materials, (7) Information and Communication Technology, (8) Manufacturing, (9) Security and Defence, and (10) Environmental Science and Climate Change.

2. IMPRINT-II will be funded by a corpus jointly set up by the Ministry of Human Resource Development (MHRD) and the Department of Science & Technology (DST) as well as contribution from various participating Ministries. The broad objectives of scheme are as under:-

- (i) The major translatory intent of IMPRINT-II is to ensure that the scheme leads to development of product or prototype ready for pilot scale demonstration/deployment. IMPRINT-II shall distinguish from other usual R&D projects which lead only to publications/patents.
- (ii) Develop products/processes and viable technologies for addressing the identified challenges in the different domains.
- (iii) Formulate and develop focused translational projects against identified technology thrust areas by various stakeholder ministries.
- (iv) Evolve new technology transfer models for enabling technology diffusion to industry and stakeholders.

- (v) Continuously monitor and refine the challenges and gaps in the various technology domains and map the same against the needs and strengths of the stakeholder ministries vis-à-vis academic and R&D institutions.

3. The detailed guidelines of IMPRINT-II are as under:

- (i) **Eligibility:** The Scheme is open to all Centrally Funded Technical Institutes (CFTIs) and Central Universities (CUs) as Principal Investigators (PIs), while any other institute/ university/ industry/ organization, publicly or privately funded, may participate as Co-PI. The IMPRINT-II will encourage joint proposals by the Institutes/Universities, R&D wings of Ministries to ensure enhanced synergy between agencies and Institutes/Universities.

- (ii) **Submission of proposals:** The prospective Principal Investigators (PIs) may submit preliminary project proposals in the prescribed format within the given time schedule, as indicated on the IMPRINT Portal: www.imprint-2.in. The following projects will be given priority:-

- a. Projects which address thrust areas identified by the Ministries/Departments, and fall in the (10) domains of IMPRINT.
- b. Projects which provide for translational research leading to viable technology, prototype or working model development.
- c. Projects with active collaboration with and contribution from industry/stakeholder/startup, except those having a conflict of interest.

- iii. **Administrative structure:**

- a. Science & Engineering Research Board (SERB) under DST will create a separate IMPRINT-SERB Vertical under its overall setup, chaired by the Secretary, SERB and the National Coordinator of IMPRINT. The Vertical will be responsible for all administrative matters such as call of proposals, preparing the agenda for meetings of Programme Advisory Committees (PACs) and Apex Committee, tracking fund-flow, fund management, UCs and SEs from PI Institutions, national level monitoring of the scheme and liaisons with participating Ministries etc.