

122 NEW RESEARCH PROJECT PROPOSALS AT A COST OF RS 112 CRORE SELECTED FOR FUNDING UNDER IMPRINT-2 : HRD MINISTER PRAKASHJAVADEKAR

Relevant for: Health, Education & Human Resources | Topic: Education and related issues

Ministry of Human Resource Development

122 New Research Project proposals at a cost of Rs 112 Crore selected for funding under IMPRINT-2 : HRD Minister PrakashJavadekar

Approval accorded at the IMPRINT-2 Apex Committee meeting held on Saturday in New Delhi

Posted On: 05 AUG 2018 2:06PM by PIB Delhi

For advancing research in the high education institutions, the government under the leadership of Prime Minister Shri Narendra Modi has approved 122 new research projects at a cost of Rs 112 crore under IMPRINT-2 covering Energy, Security, Healthcare, Advanced Materials, ICT and Security/Defence domains.

“Out of 2145 proposals, 122 best proposals were selected for funding under IMPRINT-II, advancing cutting edge level technology,” **Union HRD Minister PrakashJavadekar said in a statement today.**

“Of the 122 new IMPRINT projects sanctioned, 81 are sponsored by industry...This industry-academic collaboration will bring excellence in research,” Mr Javadekar said adding **that the knowledge portal for monitoring the progress of research projects and to disseminate findings will be launched in October 2018.**

The new research project proposals selected include: 35 (ICT); 18 (Advanced Materials), 17 (Healthcare Technology), 12 (Energy Security); 11 (Security & Defence); 9 (Sustainable Habitat); 7 Water Resource & River Systems; 5 (Environment & Climate); 4 (Manufacturing); and 4 (Nano Technology).

IMPRINT proposals now open for higher education institutions including private institutions bringing a spirit of competition, Mr Javadekar added.

IMPRINT is the first of its kind MHRD supported Pan-IIT + IISc joint initiative, **now open for private institutions too**, to address the major science and engineering challenges that India must address and champion to enable, empower and embolden the nation for inclusive growth and self-reliance.

IMPRINT provides the overarching vision that guides research into areas that are predominantly

socially relevant.

The implementation of 142 projects under IMPRINT-1 has got underway. These projects have received support from several ministries, councils and departments in addition to the Ministry of Human Resource Development.

Among the 142 IMPRINT-1 projects under implementation are:

Development of Cost Effective Magneto-Rheological (MR) Fluid Damper in Two wheelers and Four Wheelers Automobile to Improve Ride Comfort and Stability;

Indigenous development of an ultra high strength steel with stainless property for space application;

High strength, wear and corrosion resistant steel for high speed rail and elastic clip;

Low Cost Indoor Occupancy and Climate Monitoring System For Energy Conservation;

Development of Artificial Pancreas for Closed Loop Blood Glucose Control of Type-1 Diabetic Patients in India;

Development of a smartphone camera-based sensor for detection and remediation of chromium pollution in water;

Efficient Glycemic Control for the Management of Diabetes Complications : Intervention with Novel Point of Care Device for Community Healthcare;

Smart Classrooms: Technology Aids for Effective Teaching in Large Classrooms; and

Designing and fabrication of an aerodynamic lens for nanoparticles of variable size.

NB/AKJ

(Release ID: 1541659) Visitor Counter : 627

Read this release in: [Tamil](#)

END

Downloaded from **crackIAS.com**

© **Zuccess App** by crackIAS.com