

IIT Indore project selected in InvenTiv

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IIT Indore's project 'Laser assisted micro 3D Printer for fabricating miniature devices and structures' was one amongst the chosen 75 projects in 'InvenTiv', the first ever all-IIT R&D showcase which was conducted at IIT Delhi recently.

The R&D fair was organised to celebrate 75th year of India's Independence in line with the 'Azadi Ka Amrit Mahotsav' initiative.

"All the 23 IITs were required to submit proposals and out of them 75 projects and 6 showcase projects on diverse themes were exhibited at the event. The projects were aligned with the vision of Make in India, Digital India, and Atmanirbhar Bharat," IIT In-

dore PRO Sunil Kumar said.

Team of IIT Indore's project, which was selected amongst the chosen 75 projects, was led by Prof IA Palani. It developed the device with a capability for maskless manufacturing from thin films for multi-layer and multi-material printing.

Palani said "This technology would enable the industries to eliminate the process of masking and subsequent deposition of materials with removal of impurities, thus reducing the cost and time in the development of the prototype. The project is having a Technology Readiness Level (TRL) of 7 in the scale of 9 and a patent has also been filed. This machine is purely indigenous and developed in-house."