

# Faced many hurdles and challenges in last 12 years: IIT-Indore director

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## The elite technical institute celebrates its 12 foundation day

At the 12th foundation day celebration, Indian Institute of Technology officiating director Prof Neelesh Kumar Jain here on Wednesday stated that the institute faced many hurdles and challenges in last 12 years of its journey.

"The hurdles were removed with determination and challenges were converted into opportunities," he said in his address at the foundation day event which was held in online mode.

Prof William Daniel Phillips, Nobel Laureate in Physics (1997) was the chief guest whereas Prof Deepak B. Phatak, Chairman, Board of Governors was the Guest of Honour.

Phillips delivered a talk on "A new measure: The revolutionary quantum reform of the international metric system". The talk provided information on new reforms of international metric system of measurement. He said "The history of the metric system

began during the Age of Enlightenment with measures of length and weight derived from nature, along with their decimal multiples and fractions. The system became the standard of France and Europe within half a century. But we wanted a standard of measurement which was constant and reliable. Hence, rotating Earth was changed from being the timekeeper to better atomic clocks."

He further said "In 1960, the year when laser was in-

vented, the metre was re-defined as a certain number of wavelengths of light from a krypton lamp. But soon, the purity of that light from krypton was found to be insufficient for the accuracy of measurements, people were making with laser light. Hence, other measures with unity ratios were added, and the system went on to be adopted across the world."

Prof NK Ganguly, Padma Bhushan and former director general, Indian Council

of Medical Research (ICMR), also delivered a talk on "The current Challenges in the Covid-19 vaccination and how do we choose a vaccine?"

As part of the growing infrastructure, two new additions were made on this day by Jain. Kshipra Residential Complex comprising of 27 nos each 3 & 2 BHK residences for faculty and staff of the institute. This will lead to the shifting of the faculty members and staff inside the campus thus saving them the time and efforts for commuting. Heating, Ventilation, and Air-conditioning (HVAC) plant, with 2 nos water cooled centrifugal chillers, each having 650 TR capacity, will facilitate air conditioning to Abhinandan Bhavan, Takshashila Lecture Hall Complex and Learning Resource Center was also inaugurated. This facility will reduce the requirement of individual ACs.

A faculty handbook, comprising of abridged version of rules and regulations, was released by Jain.

