

IIT Indore to conduct course on thermal management

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Indore

Indian Institute of Technology Indore is going to conduct a week-long course on, 'Thermal management of power dense electronics: Current status and challenges', under quality improvement programme starting from March 1.

"The course will provide participants with a fundamental understanding on the current state-of-the-art cooling technologies used to dissipate high heat-flux from power electronic devices in applications ranging from radars to data centres and the challenges faced in their employment," said IIT In-



dore PRO Sunil Kumar.

Some of the focus areas would be need for innovative cooling solutions for electronics, current trends in thermal packaging, implementation of two-phase heat transfer, current methods for heat spreading, thermal interface materials (TIM's), phase change materials (PCM's), jet impingement cooling, microchannel heat sinks and synthetic jets.

The course is to be conducted by the discipline of mechanical engineering. The Centre had launched quality improvement programme (QIP) in 1970 wherein short-term courses are organised at major QIP centres for teachers and improve classroom teaching and learning. IIT Indore is one of QIP centres recognised for offering doctoral degree programmes in some specific disciplines.