

INVITED LECTURE

## **Recent Advances in Laser Additive Manufacturing**

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### **ABSTRACT**

Laser Additive Manufacturing (LAM) is one of the driving forces leading to fourth industrial revolution. It is transforming the very way of component design and their manufacturing by “feature based design and manufacturing”. There have been several activities across the globe on LAM of various engineering and prosthetic components. At RRCAT, we have indigenously developed LAM systems and these systems are being deployed for building various components for in-house applications. The proposed talk will briefly present the global scenario of the LAM technology and how the technology is bringing the revolution in design and manufacturing. It will also discuss the technology developed at RRCAT citing the case studies.

