

INSTITUTION'S INNOVATION COUNCIL

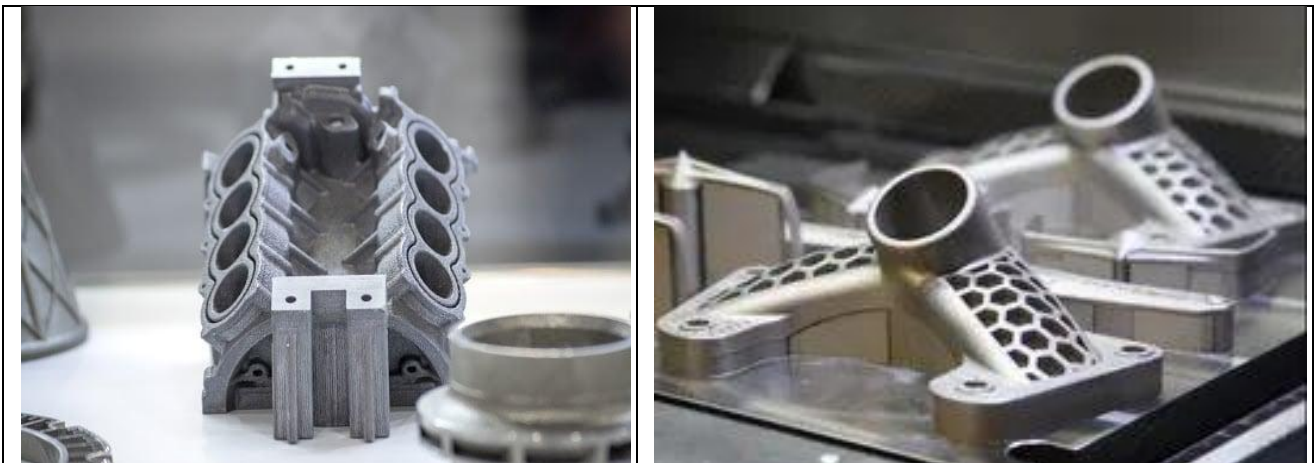
Date 02-06-2022

A Report on Guest Lecture "Additive Manufacturing - Prototyping"

The Institution's Innovation Council (IIC) Nalla Narasimha Reddy Group of institution arranged Guest lecture on "Additive Manufacturing – Prototyping" on 31st May 2022. Dr. G. Janardhana Raju HOD & Dean SOE welcomed the participants. The session is commenced with introduction about present manufacturing technologies. Mr. P. Srinivas Assoc. Prof., G, Hyderabad presented lecture through PPTs and some physical samples of additive manufacturing components. The faculty members and students are participated in this program.

Mr. P. Srinivas explained about the Role of Additive Manufacturing in Industry 4.0. He emphasize on bio-medical applications which is mostly critical in surgeries of bone related or skull injuries. He explained about IOT in Mechanical industries and latest technologies with related interdisciplinary applications. He given awareness of additive manufacturing overcome the conventional subtractive material removing methods in tooling industries.

The guest lecture enables students to aware about concepts of Additive manufacturing. Prototyping is a crucial stage in product development, where a physical model or prototype of a product was created to validate design concepts, test functionality, and identify potential issues before moving to full-scale production. Additive Manufacturing has become an invaluable tool in this process due to its numerous advantages.



Engine block for V type


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