

Date 02-06-2022

A Report on Guest Lecture “Prototype/process Design and Development-Prototyping”

The Institution's Innovation Council (IIC) Nalla Narasimha Reddy Group of institution arranged Guest lecture on “**Prototype/process Design and Development - Prototyping**” on 31st May 2022. Dr. G. Janardhana Raju HOD & Dean SOE welcomed the guests. Inaugural Session was held in the afternoon and the programme is commenced with introduction about Design and Development.

Mr. K. Suresh Kumar working as a Lead Scientist, leading the Quality Control Department in an IVD point-of-care company, Achira Labs Pvt. Ltd, Bangalore presented lecture through PPTs and some physical samples of additive manufacturing components. The faculty members and students are participated in this program.

Mr K. Suresh Kumar explained about Prototype/process design and development plays a crucial role in the prototyping phase of product development. He emphasize phase involves creating and refining a physical prototype of a product or a part, using additive manufacturing or other rapid prototyping techniques, to test and validate the design before moving forward to full-scale production.

The guest lecture enables students to aware about concepts Prototyping is not limited to physical products; it can also apply to processes. In this context, process prototyping involves creating a scaled-down version of a new or modified process to test its functionality, efficiency, and effectiveness. Process prototyping allows organizations to identify potential bottlenecks, errors, and opportunities for improvement before implementing the full-scale process.



M K Suresh Kumar explaining about Prototype / Process Design and Development

Dr G JANARDHANA RAJU
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