

**SREE CHAITANYA COLLEGE OF ENGINEERING, KARIMNAGAR
DEPARTMENT OF MECHANICAL ENGINEERING**

Report: **GUEST LECTURE ON 3D PRINTING**"

Even Objective: Department of Mechanical Engineering Conducted Guest lecture on 3D PRINTING

Date of Event: 25.10.2018

Officials Attended for the Event: Dr.Ch.Shashikanth(HOD-Mech) .

Resource Person:Dr.SHIVARAMA KRISHNA (Asst.Prof) M.E Dept,JNTUCEJ

Event Report: On 25.10.2018, A Guest lecture was organized by Department Of Mechanical Engineering on 3D PRINTING.

The event commenced by the arrival of Dr. SHIVARAMA KRISHNA and Dr.Ch.Shashikanth(Hod- Mech).HOD introduced the Chief Guest and informed to the students that the future technology is to have 3D printing skills in major fields for potential growth and development.3D printing has applications in various industries like Architecture, Automotive, Aerospace, Engineering, Jewellery, Medical and manufacturing, etc.

Resource Person: Dr.SHIVARAMA KRISHNA discussed about a variety of processes, equipments, and materials used in the synthesis of a three-dimensional object. 3D printing(additive manufacturing) processes tend to be additive in nature with a few key differences in the technologies and the materials used in this process.He emphasized on some of the different types of processes include extrusion, light polymerization, continuous liquid interface production and powder bed. Each process and piece of equipment has pros and cons associated with it. These usually involve aspects such as speed, costs, as well as a mechanical and appearance properties of the material like strength, texture and color.Processes like selective laser melting (SLM) or direct metal laser sintering (DMLS), selective laser sintering (SLS), fused deposition modeling (FDM), or fused filament fabrication (FFF), while others cure liquid materials using different sophisticated technologies, such as stereo lithography (SLA) are discussed illustratively.

Principal

HOD –MECH

Co-ordinator

AO

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NOTICE

This is to inform you that there is GUEST LECTURE entitled“3D PRINTING”:- **3D printing** is any of various processes in which material is joined or solidified under computer control to create a three dimensional object,with material being added together(such as liquid molecules or powder grains being fused together). D printing is used in both rapid prototyping_ and additive manufacturing.

On 25.10.2018 Thursday (One Day)

Resource Person: Dr.SHIVARAMA KRISHNA (Asst.Prof) M.E Dept,JNTUCEJ

SCHEDULE:

The Guest Lecture will be organized in MECHANICAL CLASS ROOM, and have 1 session for one day.

10.00 am-1.30 pm SESSION-1(Theory Session)

HOD MECH

CO-ORDINATOR

Copy to:

- 1.Principal office for kind information
- 2.Admin officer for kind information
- 3.Dr.Ch.Shashikanth, MECH Department
- 4.MECH Notice Board.



PARTICIPANTS OF 3D PRINTING



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Submitted by:
T.VINAY Co-ordinator,MECH.Dept
Sign:

Dr.CH. SHASHIKANTH HOD ,ME
Sign:

Submitted to:
Principal

