

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)



3 WEEKS TRAINING PROGRAM ON 3D PRINTING

Organized by
School of Mechanical Engineering

Date: 02 -02-2022 to 25-02-2022



KEY TAKEAWAYS FROM THE TRAINING PROGRAM

- Additive manufacturing Technologies
- 3D Printers and Material
- 3D CAD Modeling package and Scanning
- 3D Printer maintenance

Convener

Dr. S. Prakash

Dean, School of Mechanical Engineering

For Registration Contact :

Mr. J Senthil Kumar

Assistant Professor

Department of Mechatronics Engineering

Mobile No: 9600260083

Course Coordinator

Dr. J. Lilly Mercy

Assistant Professor

Department of Mechatronics Engineering



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COURSE MODULES FOR HANDS ON TRAINING PROGRAM ON 3D PRINTING

Course Outline		Time Duration
MODULE 1	• Introduction to Additive Manufacturing • Slicing & Orientation • 3D Scan processing • Estimation and scheduling • Applications of 3D Printing	6 Hours
Module 2	• 3D Printer machine maintenance • 3D Printing Control and Mechanical Systems • 3D Printing Materials and Extrusion System • Troubleshooting	12 Hours
Module 3	• Practical Training on Design Sketching for 3D Printing • Preparing Design models for 3D Printing • Post Processing of 3D Printed models • Hands On Training on 3D Printing Machine	14 Hours



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- **Three Weeks training program on 3D printing for School of Mechanical Engineering staff members organized by Department of mechatronics Engineering, Sathyabama Institute of Science and Technology from Date: 02 -02-2022 to 25-02-2022**
- **. A total of 10 staff member of School of Mechanical Engineering have successfully completed the short term course on 3D Printing.**





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LIST OF PARTICIPANTS FOR THE THREE WEEKS TRAINING PROGRAM ON 3D PRINTING

SL NO	Name
1	Dr.Nivin Joy
2	Dr.J.R.Deepak
3	Dr.A.Anderson
4	Dr.S.Sivasaravanan
5	Mr.S.Venkatesan
6	Mr.Jayaprakash
7	Mr.Dilipkumar Sahoo
8	Mr.M.Manigandan
9	Dr.M.Sangeetha
10	Dr.S.Ganesan



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CERTIFICATE OF PARTICIPATION

Dr.J.R.Deepak

of School of Mechanical Engineering has participated in "Three Weeks Training Program on 3D Printing" from 02-02-2022 to 25-02-2022 organized by School of mechanical engineering, Sathyabama Institute of Science and Technology, Chennai - India.

(Dr. J. Lilly Mercy)
Course Coordinator

(Dr. S. Prakash)
Dean - School of Mechanical Engineering