

# Five-Day Online Faculty Development Programme (FDP) on Digital Additive Manufacturing (3D Printing)

*6th – 10th September, 2021*

**Department of Mechatronics Engineering**

**IcfaiTech, Faculty of Science and Technology, IFHE (Deemed-to-be University) Hyderabad, Telangana, India - 501203**

Time	9:30 A.M – 11:00 A.M	11:30 A.M – 1:00 P.M	2:00 P.M – 4:00 P.M
Date & Day			
<b>Day 1</b> 6/9/21 (Monday)	<b>Inaugural Session &amp;</b> An Overview to Additive Manufacturing <b>Dr. K. P. Karunakaran, IIT Bombay.</b>	Industrial adoption of AM - Opportunities and the Challenges <b>Dr. K. Guruprasad Rao</b> Director, Imaginarium India Pvt. Ltd, Mumbai.	Design for Additive Manufacturing <b>Dr. Y. Ravi Kumar, NIT Warangal</b>
<b>Day 2</b> 7/9/21 (Tuesday)	3D Printing: From Prototype to Production <b>Dr. Sriram Venkatesh, Osmania University, Hyderabad</b>	Laser Powder Bed Fusion Based Metal Additive Manufacturing Technologies for Industrial and Strategic Contexts <b>Dr. U. Chandrasekhar, Program Director, Wipro-3D, Bangalore</b>	Demo Session on 3D Printing software's and STL file <b>Dr. A. Manmadha Chary, IFHE University, Hyderabad</b>
<b>Day 3</b> 8/9/21 (Wednesday)	3D Printing in satellite and electronic radar communication <b>Dr. L. Shiva Rama Krishna Osmania University, Hyderabad</b>	Materials & Applications in Metal 3D Printing <b>Dr. Gururaj Telsang</b> Scientist E, ARCI, Hyderabad	Demo Session on FDM, SLA and 3D Scanner <b>Dr. L. Siva Rama Krishana, Osmania University, Hyderabad</b>
<b>Day 4</b> 9/9/21 (Thursday)	Frontiers Materials in 3D-Printing <b>Mr. K. Rakes Kumar, VSD3D Enterprise, Hyderabad</b>	Applications of 3D Printer in Food Packing industry with case studies <b>Dr. Nor Aiman Sukindar, IIUM Malaysia</b>	Demo Session on SLM, SLS and Polyject 3D-Printers <b>Dr. Sriram Venkatesh, Osmania University, Hyderabad</b>
<b>Day 5</b> 10/9/21 (Friday)	3D Printing in medical applications with case studies <b>Dr. A. Manmadha Chary, IFHE University, Hyderabad</b>	Challenges in Qualifying Additive Manufacturing for Gas Turbine Applications. <b>Dr. Dheepa Srinivasan, Principal Engineer, GE Power, Bangalore</b>	3D-Printing for Aerospace Applications <b>Dr. S.V.S Narayana Murty, Vikram Sarabhai Space Center, Trivandrum &amp;</b> Feedback & Valedictory