



राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट  
National Institute of Electronics & Information Technology, Calicut



सत्यमेव जयते

Ministry of Electronics and  
Information Technology  
Government of India

# On-line Courses Prospectus

ISO 9001-2015 Certified

## Additive Manufacturing – Material Extrusion (FDM)

22<sup>nd</sup> June to 25<sup>th</sup> June 2021  
(1 hr daily)

### Course Description

Additive Manufacturing is an emerging technology showing potential to reach new markets and create new jobs. Students who complete this program should be able to:

1. Concepts of Additive manufacturing
2. Material extrusion
3. Slicing & printing using Ultimaker CURA

[Click Here to Register](#)

## Who can attend?

Any under graduate/ diploma student with basic knowledge of design.

- Students pursuing Engineering
- Professionals working on design s development activities and others who would like to develop competency in industrial product design and additive manufacturing
- Research students
- Teaching professionals& faculties

## Course Content

Session	Topic	Date
1.	Introduction to Additive Manufacturing	22 <sup>nd</sup> June 2021
2.	Fused Deposition Modelling (FDM)	23 <sup>rd</sup> June 2021
3.	Slicing and Printing using Ultimaker Cura	24 <sup>th</sup> and 25 <sup>th</sup> June 2021

## Prerequisite

- Knowledge of Engineering design
- Basic knowledge of computers
- Download and install Ultimaker CURA

## Fee and important dates

<b>Fee</b>	<b>Rs. 500/- (Including GST)</b>
<b>Last date for registration &amp; payment</b>	<b>19<sup>th</sup> June 2021</b>
<b>Sharing of Link / passwords &amp; other details</b>	<b>21<sup>st</sup> June 2021</b>

## Certificate

e-Certificate of participation will be mailed through registered email id after the completion of the course.

## Minimum Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 64bit, processor, Minimum 4GB RAM
- Link to attend the course shall be forwarded on 21<sup>st</sup> June 2021

## Faculty Profile

Qualification and experience of the faculty handling the sessions

1. Mr. Rameshkumar MS – Senior Technical Officer
2. Mr. Harikrishnan KR – Project Engineer

## Course Coordinator

### **Rameshkumar MS**

Senior Technical Officer

9446031433(M), 0495 2287266- Exn-209(O)

Email: rameshkumar@nielit.gov.in

## Terms and Conditions

1. *In case any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.*
2. *In case the online course is cancelled /postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.*

For more details about our institution and facilities visit us

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Autonomous Scientific Society of  
Ministry of Electronics & Information Technology,  
Govt. of India

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