



राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, 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

Industrial Training on 3D Printing/Additive Manufacturing  
1<sup>st</sup> December 2021 to 14<sup>th</sup> December 2021  
(2 hrs daily)

## Course Description

Industrial designers develop the concepts for manufactured products, such as cars, home appliances, and toys. They combine art, business, and engineering to make products that people use every day. 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 know about:

1. Additive manufacturing technologies and the processes involved.
2. Introduction to Design for additive manufacturing
3. FDM in detail and Post processing of AM parts
4. Additive manufacturing applications

[Click Here to Register](#)

## Who can attend?

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

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

## Course Content

Session	Topic	Day
1.	Introduction to AM	1
2.	AM process chain	2
3.	Classifications of AM	3,4 & 5
4.	Design for AM	6 & 7
5.	FDM in detail	8
6.	Post processing of AM parts	9
7.	Applications of AM	10

\* - No class on Saturdays and Sundays

## Prerequisite

- Knowledge of Engineering design
- Basic knowledge of computers

## Fee and important dates

<b>Fee</b>	<b>Rs. 3000/- (Including GST)</b>
<b>Last date for registration &amp; payment</b>	<b>27<sup>th</sup> November 2021</b>
<b>Sharing of Link / passwords &amp; other details</b>	<b>30<sup>th</sup> November 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 14th September 2021

## Faculty Profile

Qualification and experience of the faculty handling the sessions

1. Mr. Rameshkumar MS – Senior Technical Officer
2. Mr. Leelakrishnan E – Senior Consultant
3. Mr. Harikrishnan KR – Project Engineer

## Course Coordinator

### **Rameshkumar MS**

Senior Technical Officer

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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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