Course Prospectus

Course Name : Industrial Training on 3D Printing/Additive Manufacturing

Duration (with hrs. per day) : 10 days – Two weeks (Theory: 2 hours daily)

Mode of delivery : Online

Dates : 10th July 2023 to 21st July 2023

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

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

Eligibility/Prerequisites:

• Knowledge of engineering design

• Basic knowledge of computers

Fee : Rs. 3000/- (Including GST)

Last date for registration & payment : 9th July 2023

Selection intimation date : 10th July 2023

Course content   :

Sl No	Topic	Date	Time
1.	Introduction to AM	10.07.2023	14:00 to 16:00
2.	AM process chain	11.07.2023	14:00 to 16:00
3.	Classifications of AM	12.07.2023, 13.07.2023, 14.07.2023	14:00 to 16:00
4.	Design for AM	17.07.2023, 18.07.2023	14:00 to 16:00
5.	FDM in detail	19.07.2023	14:00 to 16:00
6.	Post processing of AM parts	20.07.2023	14:00 to 16:00
7.	Applications of AM	21.07.2023	14:00 to 16:00

Faculty Profile:
- Mr. Rameshkumar MS – Principal Technical Officer
- Mr. Leelakrishnan E – Senior Consultant
- Dr. Arun Unnikrishnan – Content Writer
- Mr. Harikrishnan K R – Project Engineer

Certificate:

E-Certificate of successful completion will be mailed to the registered email id after completion of course.

Payment guidelines:

Requisite fee payment shall be made through the payment gateway integrated with the online registration portal.

Course Platform / 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 *10th July 2023*

* **Terms & 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.

3. 60% attendance and feedback submission are mandatory for awarding 'participation' certificate. For courses with assessment, 'successfully completed certificate' will be awarded subject to the candidate passing the test with minimum 50% marks, minimum 60% attendance and feedback submission.