WORKSHOP

3D Printing:

Over a decade span, a new industry (Additive Manufacturing or 3D Printing) has emerged and reformed the manufacturing industry to Rapidly Prototype designs and shift into the production phase. This workshop's target is to introduce participants to the Additive Manufacturing and 3d scanning, address the current state-of-the-art in AM, and advance to how these technologies can be used in a wide range of multi-disciplinary and collaborative research, teaching, outreach, and entrepreneurship activities. Designing had been a backbone of the invention in all disciplines, so as in AM, which revolves around with product development. So, the workshop also includes the introduction to CAD-CAM. All the students who are interested in 3D printing Technology are welcome.

Materials Provided:

1. Each participant receives an electronic copy of detailed lecture portions of the workshop, descriptions of the teaching techniques.
2. Trouble shooting and complete hacks of 3D printing.
3. 3d Software Design (Catia) to each participant.
4. Windows OS for supporting Catia software.
5. Each Participant will get a certificate.

Workshop Outline:

1. Live demo of 3D Printing
2. 3D software designing
3. Detailed information of 3D Printer & various types of 3D printers
4. Slicing
5. 3D printing Materials
6. Printing your 3D design (Real time design by students)
7. 3D scanning
8. Challenges faced while 3D printing
9. 3D printing trouble shooting & finishing techniques

Sessions Schedule:

This two days' workshop will have 4 sessions of morning and afternoon. The detailed session schedule is given below.

Day 1 - 9.30am – Inauguration			
Day 1 - Morning	9:45am - 12:30pm	Introduction, Industrial revolution 4.0, Recent trends in Rapid prototyping, Different Technologies in AM (Additive Manufacturing), Applications of AM	Refreshment break: 11:00 am - 11:10am
Lunch break - 12.30pm - 01:30pm			
Day 1 -Afternoon	01:30pm - 4:00pm	Live demo of 3D printing, Getting your first 3D design ready, Basics of 3D printing	Refreshment break: 2.50 pm - 3:00pm

>>> Now Everyone can 3D print <<<

Day 2 - 9.30am Contd.			
Day 2 - Morning	9:30am - 12:30pm	Basics of 3D printer, Slicing, 3D printing materials, Introduction to 3D modelling, Starting your first 3D print (Real time design by students)	Refreshment break: 11:00 am - 11:10am
Lunch break - 12.30pm - 01:30pm			
Day 2 -Afternoon	01:30pm - 3.40pm	Introduction to 3D scanning, Challenges faced while 3D printing, 3D printer trouble shooting & finishing techniques (Post-processing), Closing thoughts	Refreshment break: 2.50 pm - 3:00pm

Registration Fee: Rs. 350/-

Last date for registration: 07/03/2019

Register at: AB1, 314 from 5:00 PM to 7:30 PM

For Online Registrations:
Payment through: Google pay or Phone pay to 8919804853
Send your details and payment screenshot on WhatsApp to 6281469672

Format for details:
Name:
ID:
Batch & Dept:
Class:
No. of Tickets booked:
Event Name:
(Payment Screenshot)

For queries contact:

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