

SKILL DEVELOPMENT Workshop

Organized by:

Mr Mrinal Pathak

Ar. Ritu Agarwal

Dr. Priyank

Cordinated by:

Somya Garg

Sukriti Basudevan

Venue:

AICTE IDEA Lab, BIT MESRA



[1] **Context:**

Today's world requires advanced , flexible and fungible skills. Early interventions can make a huge difference. Introducing workshops focusing on improving skills as part of basic education can help to break the vicious circle of unskilled being and establish accessible pathways for acquiring skill.

[2] **Need and background:**

The workshop was based on:-

- 3D Printing (Software and printing process)
- Brief about Lazer cutting
- Brief about 2d/3d CNC Engraving
- Mateial for model making and printing

[3] **Workshop:**

Date: 23 February 2023

Day: Thursday

Time: 9:00 – 13:00

No. of participants: 31



[4] **Objective of Workshop:**

- To equip students with varieties of activities.
- Understand and appreciate the importance of skill development of youth.
- To encourage active participation of student body.
- To ensure student is guided into the right field as per demands of market
- To ensure technology based learning.
- To teach students additive manufacturing using 3D printer

[5] **BRIEF ABOUT WORKSHOP:**

- ~ Students got the concept of 3d Printing.
- ~ Came to know about it's need and advantages.
- ~ Setting and working principle of printer was taught with the help of software.
- ~ Specifications and Dimensions of printer was introduced.
- ~ Knowledge about parts of printer were elaborated.
- ~ Different materials used in printing were shown and describes.
- ~ To get the particular concept , an object was designed and printed .

[6] **REVIEWS:**

The workshop was very useful and opened up option for alot more creativity for me and this will have a massive play in any future endeavours i might have. Overall i got alot of value.

Rishi Khandelwal (BARCH/10026/22)

It was very informative as we got to learn about the machines, materials and softwares used for 3D printing. Looking forward to more such experience.

Anushree Dev

BARCH/10028/22

A completely new experience for us learning how to print 3D models and learning about different kind of materials used for printing.

Raghav Jyoti Goswami

BARCH/10018/22

It was an interesting and informative session. We got a chance to observe firsthand how different instruments such as 3-d printer and other equipments work making it a great experience.

Aadrita Goswami

BARCH/10008/22

It was a great pleasure to see and visualize such alluring prints made out of the 3d printer as well as the the wood carving machine and all its products were also appealing and It was really fun explore and looking forward to learn more things... ✨

ADRITA DEY

BARCH 10013 22

It was new and very informative experience for me.... got to learn about 3d printer and how it works, what materials we can use in it.
Anshika (BARCH/10023/22)

*We learn how to print models or,3D figures with the help of software and printer

*We learn about many material like PLA, balsa wood and ABS

*Overall it was very informative

Naima Firdaush faiza

BARCH/10024/22

It was fun exploring and learning how to use the different machines and 3D printers kept at the idea lab.

ASHWINI SAMAD

BARCH/10004/22

A completely new experience for us learning how to create 3D figures and learning about different materials. It was really fun.

Archita Pathak

BARCH/10022/22

It was a fun and interesting experience.We learnt how to use 3d printers and other machines.

Debopama Mukherjee

BARCH/10017/22

It was fun time with somya sir learning 3d printing and the experience of new software .

ANKURAN DUTTA BARUAH (BARCH/10031/22)

It was absolutely great experience and my first live experience of learning how to create 3 d figure and different equipment used in it...

ARPITA SINHA

BARCH/10030/22

It was a complete different experience ,the different machines and models were fun to explore...looking forward to learn more new things like this in the next 5 years

ANUDEEPA NAYAK

BARCH/10032/22

It was fun learning how to use the different machines and 3D printers kept at the idea lab.

Yanrhonthung Kikon

BARCH/10020/22

A completely new experience for us learning how to print 3D models and learning about different kind of materials used for printing.

Alok Ranjan

BARCH/10027/22

It was a fun experience. We learned how to operate the 3D printer and the software related to it. It was an informative workshop since we may need to use 3D printer for our future projects.

Anshula Narkhede

Barch/10010/22

We got good exposure of software, different materials and 3D printing machine which promotes students like us to see an idea come to life and looking forward for more such sessions.

Ankita Shyamal

Barch/10014/22

REPORT BY:

SHRUTI TANDON(BARCH/10009/22)