

# Sandbox Inauguration

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On 15<sup>th</sup> April, 2017 a fabrication laboratory **Sandbox** was inaugurated in the BITS Pilani, KK Birla Goa campus. Sandbox is a campus initiative to support the students in innovative product designs. Sandbox is available for use by students who are selected based on evaluation of their product ideas. If a student has a unique product idea then no equipment hindrance can stop him because Sandbox has all the equipment that one would need to build his product. The faculty and student members of the Sandbox team aim to support students who have creative ideas and they will be guiding students for the same too.



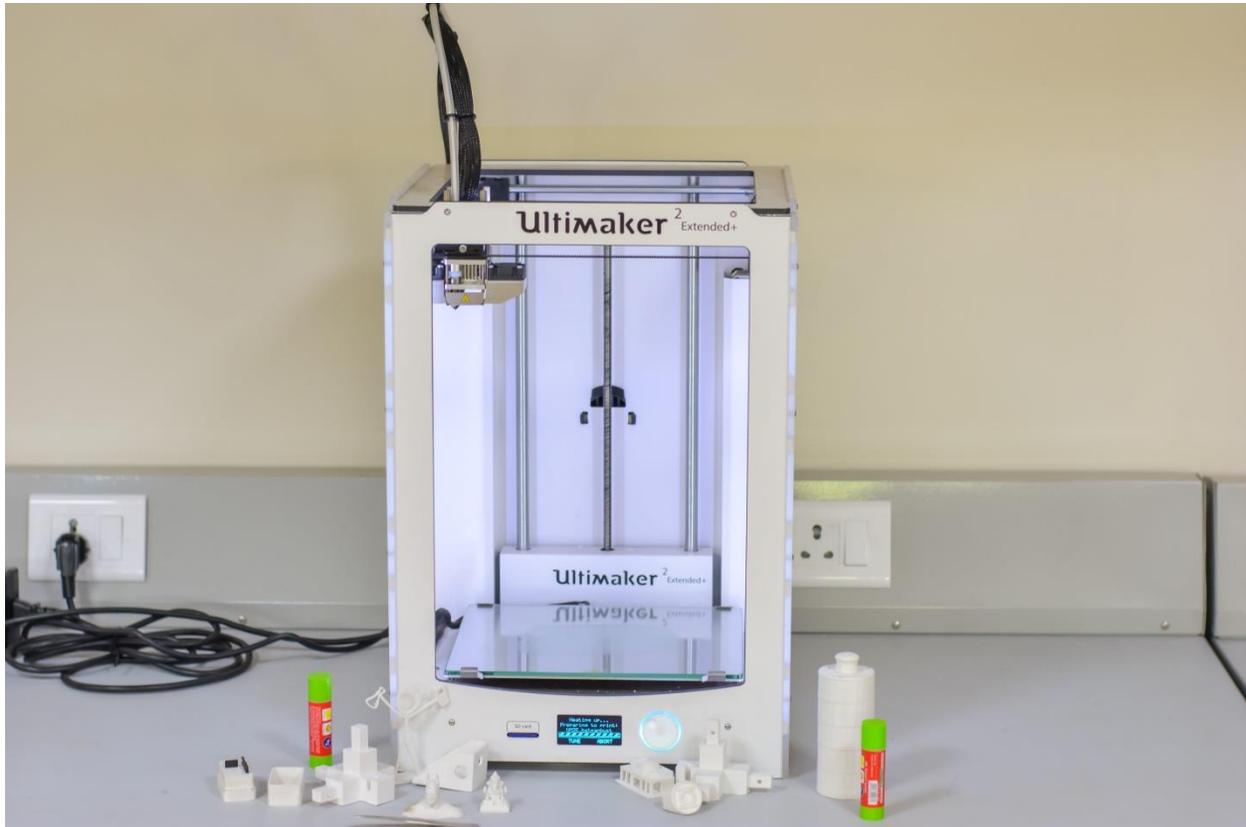
“Sandbox” engraved on a glass plate using laser cutter

## **Overview of the available facilities in the Sandbox**

In the Lab, students will get access to work with basic workshop tools to the most advanced scientific instruments. The 3D Printer, 3D Scanner and Laser Cutting Machine are the major attractions of the lab. The Lab inventory also has advanced sensors, integrated chips and prototyping boards. The conference corner of the lab provides the facility to visualize the designs and to present it before the team members. The Sandbox also has a well-equipped mini workshop to enable students to do cutting and welding also in Sandbox only. Their 3D printer was set and working during the inauguration ceremony

and it held the audience awestruck. To safeguard the laboratory and the products built inside the Sandbox, the entry to the room is biometric and the lab is under complete CCTV surveillance.

Sandbox offers the facility to do projects in all science and engineering disciplines and the lab will be open to students 24X7. Once the student team is selected to make their product in the Sandbox the students members of the Sandbox team would be guiding and training the students to handle all equipment carefully and accurately. A proper set of rules has been laid down for the students working on their product in the Sandbox to make the Sandbox and the facilities that it offers a big success.



3D printer in the "Sandbox"