

<b>Name of Facility or centre</b>	<b>Model Making studio</b>
<b>Academic year of establishment</b>	<b>2018-19</b>
<b>School Name</b>	<b>School Of Design</b>
<b>Incharge Name</b>	<b>Mr. Bhavin Patel</b>

### **Introduction**

The Centre of Excellence for Research for Design at our esteemed university serves as an eminent hub for pioneering scholarly inquiry and innovation in the realm of design. Fostering interdisciplinary collaboration and cutting-edge methodologies, it endeavors to advance the frontiers of knowledge in diverse design disciplines. Through progressive endeavors, it aims to unravel novel insights, catalyzing transformative solutions to contemporary and future challenges. With a steadfast commitment to excellence, the center cultivates a dynamic ecosystem conducive to the cultivation of visionary designers and thought leaders. It stands as a beacon of intellectual prowess and scholarly distinction within the academic landscape.

### **Vision and Impact**

To emerge as a leading Design institute by cultivating the Culture of Innovation and Invention through Research based Problem Solving approach.

- To encourage students to explore, experience and feel empowered by following the philosophy of “learning by doing”.
- To make students aware about the connection between our culture, society and global issues through experiential and project based teaching-learning pedagogy.
- To provide state of the art facilities for teaching, learning & research to transform a student into a Design Professional.
- To prepare value-aided Design professionals to meet up global industry requirements by providing the conducive environment to explore & experience.

## Infrastructure and Facilities

The centre boasts an array of sophisticated equipment and facilities designed to support the Design students in all the programs taught under School of Design. Key facilities include:

### MODEL MAKING WORKSHOP

#### ➤ 3D PRINTING MACHINE

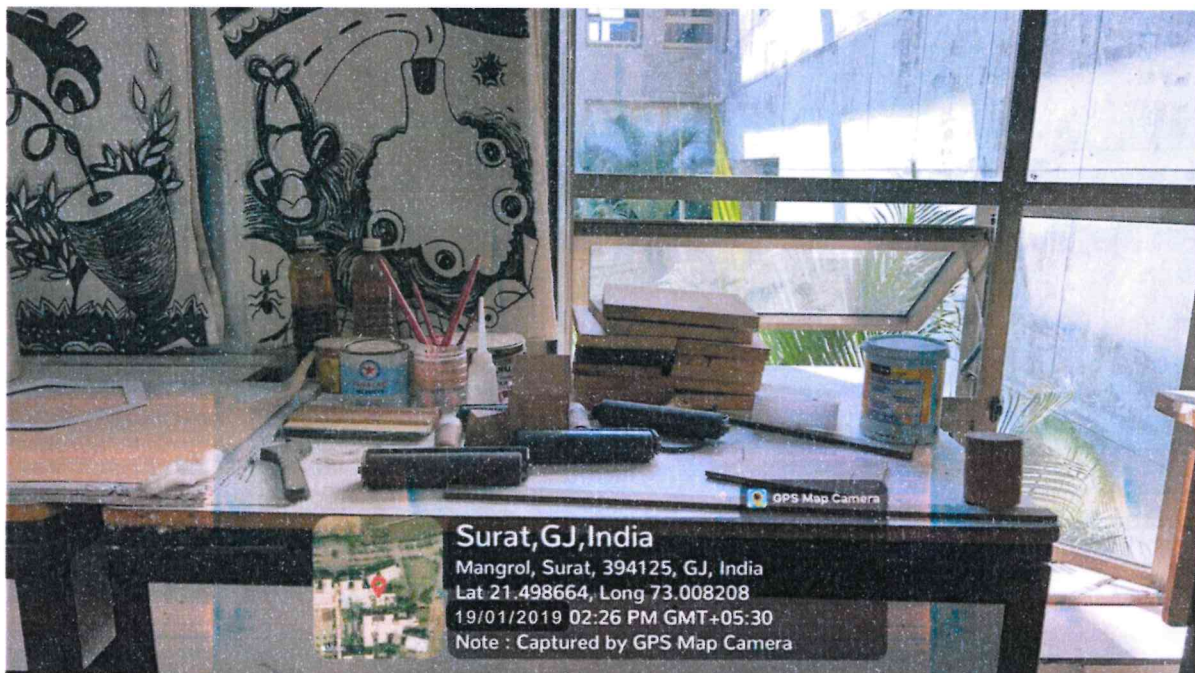


3D Printing models are created by these 3D Printing machines. 3D printing or additive manufacturing is a process of making three dimensional objects from a digital file. Each of these layers can be seen as a thinly sliced cross-section of the object. With volumetric printing entire structures can be formed at once without the need for layer-by-layer fabrication. It's worth noting, however, that as of now, volumetric technology is primarily in the research phase.



3D printing is the opposite of subtractive manufacturing which is cutting out / hollowing out a block of material with for instance a milling machine. 3D printing enables complex shapes using less material than traditional manufacturing methods.

➤ HAND ROLLER PRINT LAB



A hand roller, also known as a brayer, is used in manual printing to evenly apply ink onto a printing plate or block. To use it, you would roll the brayer over a flat surface, ensuring it picks up a thin layer of ink. Then inked is rolled with the hand roller evenly onto the surface of the printing plate or block. This process ensures that the ink is distributed evenly, resulting in a clean and uniform print when pressed onto paper or another surface.

  
Incharge

  
Principal

  
Registrar

**Registrar**  
**P P Savani University**