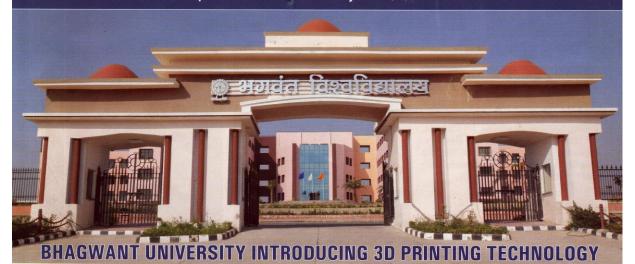


# BHAGWANT UNIVERSITY

### AJMER, RAJASTHAN

Established By: Act No. 18 of Govt. of Rajasthan, u/s Section 2f of the UGC Act 1956



Bhagwant University is a leading educational technical university in Ajmer. It is formed under the aegis of Bhagwant Group of Institutions and has been established by Government of Rajasthan and approved by UGC, as per section 2f of UGC Act 1956. It is a member of AIU, ACU, FICCI, AIMA, IAP. It is also an ISO-9001 certified University. This university is introducing a new innovated course of 3D printing technology which is useful in a variety of industries including Jewelery, Footwear, Industrial Design, Architecture, Engineering and Construction, Automotive, Aerospace, Dental and Medical, Education and Consumer products. 3D printing is a additive manufacturing technology where a three dimensional object is created by laying down successive layers of material. It is also known as rapid prototyping, is a mechanized method whereby 3D objects are quickly made on a reasonably sized machine connected to a computer containing blueprints for the object. It can make physical models of objects either designed with a CAD program or scanned with a 3D Scanner.

### 3D Printing Process of Exhaust Fan Blade



**Design the Model** 





**Prepare the Machine** 





**Print the Model** 







**Extract the Model** 





**Remove the Support Material** 

**Product** 

Bhagwant University, Sikar Road, Ajmer, Rajasthan – 305004 Website: www.bhagwantuniversity.ac.in



## 3D Printing Technology

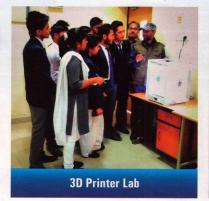


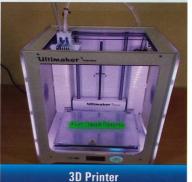


Er. (Dr.) Anil Singh

#### **About The Courses 3D Printer**

Bhagwant University, Ajmer, Rajasthan is offering a new technology based short term training course of 3D printing for Students, Professionals, Architects, Doctors, Engineers, Designers, Teachers etc. We have 9675 Ultimaker<sup>3</sup> Extended model with dual extruder made by Netherlands.





Why 3D Printing?

3D Printing is popular because it is the lowest cost method for creating prototype and refining designs at home.



**Gas Stove Knob** 



Gears





### Training Modules Available (1 Day Workshop, 3 Days Training, 5 Days Training)

Bhagwant University have well equipped lab oaf 3D Printing technology. Here laboratory facility, classroom, equipment such as overhead projector, computer, printer work station etc are available. With the help of this course trainee easily improves their knowledge about this technology. Trainees in future can take advanced version of this technology by periodic updating of course content, planned modifications to training environments.

### For Handsome Training & Demonstration Contact

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