



IIT Madras
Centre For Innovation

Prusa i3 3D printer

OPEN HOUSE'17
IIT Madras

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3D Printing, also known

as additive manufacturing, is the process of creating an object by 'printing' or laying down material layers until the object is formed.

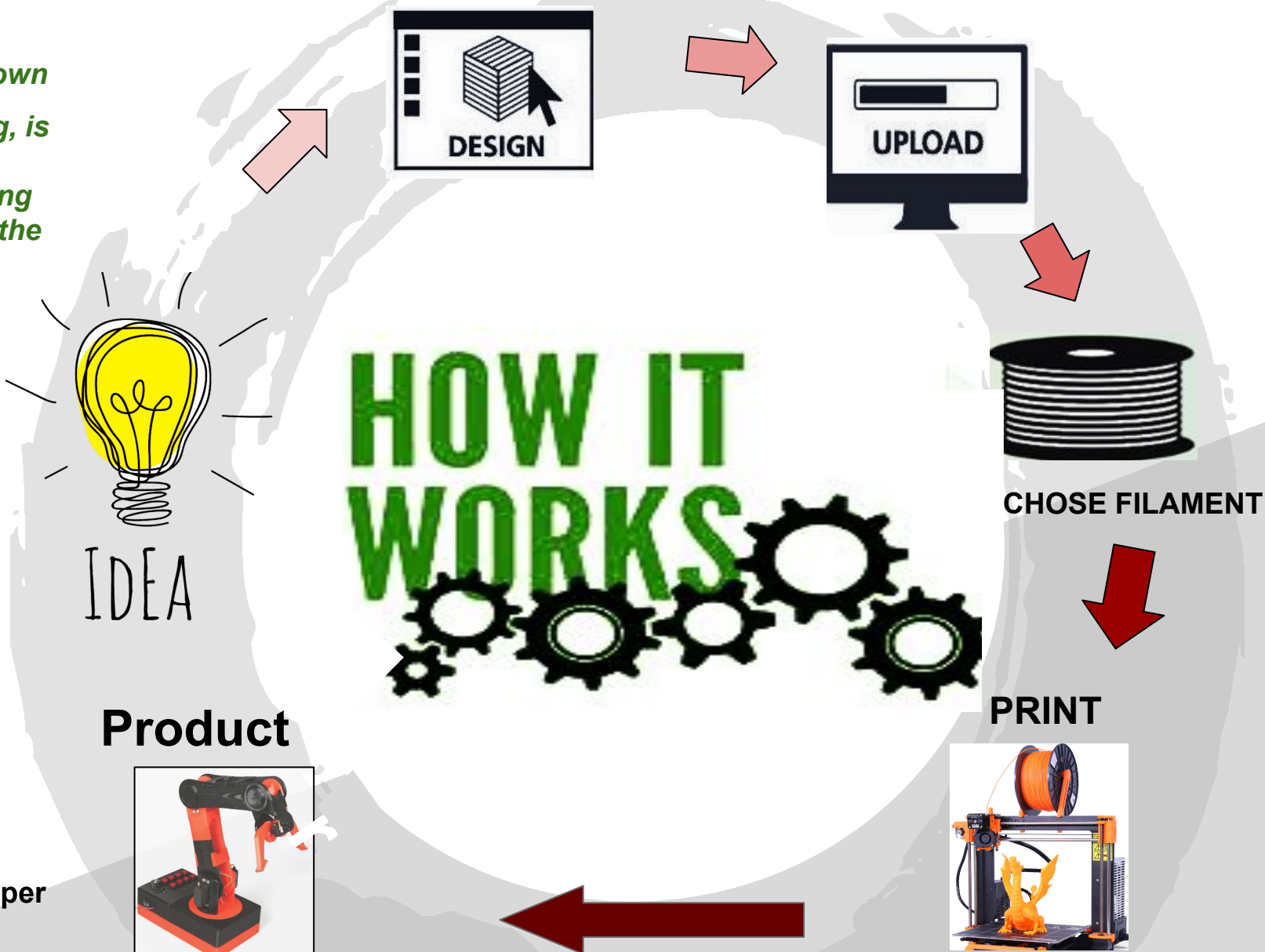
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ROBOTIC ARM

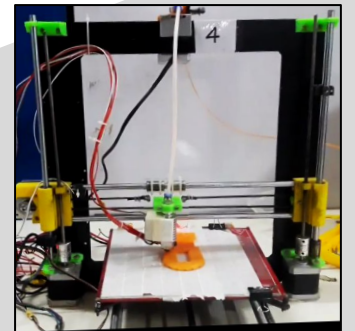
- Entirely made of 3D printed parts
- Three servo-controlled joints
- Rotating base and gripper
- Stable and Strong

Product



BENEFITS

- Cost Efficient (approx. 25k)
- Minimal Waste
- Complex Shapes
- Dynamic
- Easy to use



APPLICATION

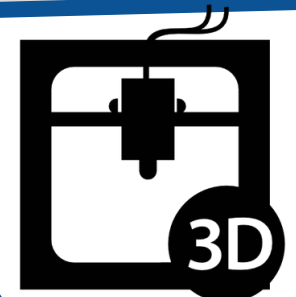
- Rapid Prototyping
- 3D Bioprinting
- Clothing
- Building complex structures
- Medical Areas

Mentor - Lokesh Kumar, Head 3D printing Club, IIT Madras

Members - (Video of working model : <https://youtu.be/fiKWWNUrDsA>)

IIT Palakkad : Rajendra Singh, Vishal Choudhari, Aishwarya, Ananthakrishnan, G Naga Srihari, Nikhil Kumar Yadav, Balu V

IIT Tirupati : Manoj Kumar, Mohit Gautam



3D
Printing