Advanced material processes and die design
DSL 732

Topic 7
3D Printing

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9th September 2019

3D printing notes

- Prof PVM Rao's slides on 3D printing

Materials & Applications for 3D printing

- [Metal](#)
- [Glass](#)
- [Titanium](#) for medical and bone implants
- [Carbon fibre](#) drone
- [Mortar](#) for house

3D printing considerations

- [Fab Academy](#) [Video](#) (2:00-12:00 minutes)
- 3D printing with [generative design](#)

3D printing in action

- CAD model
- stl file for [Ideamaker](#) to get gcode
- [thingiverse](#)
- [3D printing performance tests](#)
- Raft and support