

Date: 26/09/2016

To,
The Principal,
SITRC, Nashik

Respected Sir,

Final Year E&TC students in academic year 2014-2015, has developed the 3D printer as their Major project with sponsorship provided by Our College. 3D printer developed by them are in fully working state but it does not gives fine and calibrated 3D Object output due to old hardware and software present in this device. In recent 2 Years, lots of new things and technology added to overcome the defect present in previous versions. In 3D printer, Additive manufacturing (AM), also known as Rapid Manufacturing (RM) and Rapid Prototyping (RP), is used. It works by building up solid objects layer by layer in a manner similar to a 2D printer with the "printed" layers stacked on top of each other. Also to construct the object, Fused depositing Modelling(FDM) is used. FDM works on an additive principle by lying down material in layers, a plastic filament or metal wire is unwound from coil and supplies material to produce a part.

We have demonstrated this 3D printer in front students from various colleges during campus visit. Also it has very good impact on visitors when they see that actual working 3D printer and its 3D printed Objects. It will helps to change there view towards our college. Students are vary fascinated when they see such latest technology in our college.

In IEDC Inauguration function, Hon Chairman Dr. Sandip Jha sir has directed us to construct more 3D printers and make 3D Printer Laboratory. So as per direction given by him we are planning to develop new 3D printer. We can also arrange the Workshop for students as well faculties to make aware about this new technology. To develop this I request you to provide the sponsorship for developing of new Multi-extruder 3D printer which use print Multi-color 3D Object. Total Cost Required for development of 3D printer is about Rs. 1 Lakhs.

Yours Faithfully
Prof Ganesh L Attarde
Dept of E&TC,
SITRC, Nashik

*R/sir,
submitted for
for your kind approval
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29/9/16*

*Forwarded to Hon. Mentor
for approval*

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forwarded for your permission.
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