



SPIRO
SOLUTIONS PVT LTD

3D PRINTING TECHNOLOGY

PROJECT TITLE 2015 - 2016

3D PRINTING TECHNOLOGY

TECHNOLOGY: MECHANICAL ENGINEERING

DOMAIN : 3D TECHNOLOGY BASED FABRICATION SYSTEMS

S.NO	PROJECT CODE	PROJECT TITLES
1.	IT3D01	3D printed Robotic three finger gripper
2.	IT3D02	Automatic work piece counting Machine using 3D printed components
3.	IT3D03	Double axis welding machine using 3D printed Rack and pinion setup
4.	IT3D04	3D Printing Based Fabrication of quantity based sorting machine
5.	IT3D05	3D printing technology based sensor operated ramming machine
6.	IT3D06	Automatic fault egg sorting machine using 3D printed Components
7.	IT3D07	Wheel chair cum bed Using 3D printed kinematics links
8.	IT3D08	Fabrication of pneumatic tricycle With help of 3D printed sprockets
9.	IT3D09	Pneumatic ramming machine using 3D printed ram tool and support structure
10.	IT3D10	Automatic Pneumatic mobile crane using 3D printed gears, links and hook.
11.	IT3D11	Hydraulic wind power transfer utilizing a proportional valve and 3D printed couplings.
12.	IT3D12	3D printed Pneumatic gripper
13.	IT3D13	Wind power mobile charger using 3D printed wind blades
14.	IT3D14	Solar grass cutter with linear blades by using 3D printed scotch yoke mechanism
15.	IT3D15	Fabrication of energy regenerative bi-cycle using fly wheel and 3D printed Sprockets.

Education Partners:



Technologies and Domain used:

IEEE 2014, Java, J2ee, Android, Dot net, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, etc.

Features

- Latest 2014 IEEE, Science Direct, ACM based project concept and solutions.
- State of the art infrastructure, Innovative Project training methods.
- All our efforts are focused on students to meet industry requirements.
- Our environment is encapsulated with doctorates, professionals and other experts.
- Excellent Placements through our **Spiro HR Management Consultants (SMC) Pvt Ltd.**

Branches:

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