



## **Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)**

### **Report of the Event**

Title of the Event: **FDP on Additive manufacturing**

Organized Date: 25<sup>th</sup> -27<sup>th</sup> JUNE 2015

#### Summary:

Additive manufacturing processes also known as 3D printing, rapid prototyping and manufacturing create objects by material addition instead of removal paired with computer aided design tools. AM techniques facilitates and afford the creation of new types of objects with unique geometrical and material properties which cannot be created using conventional means.

While AM is widely referred as the new industrial revolution, in reality there are still significant hurdles for successful commercialization of many of the technologies that adopt the principles of additive manufacturing in addition designing for AM is very different from that of design for conventional manufacturing processes these difficulties are hindering the realisation of full potential of industry.