



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Brief Report on ALL INDIA SEMINAR on “Fundamentals and Trends in Additive Manufacturing”

Name of Department/Organizer	:	Mechanical Engineering in association with IEI
Date & Time	:	July 21-22, 2017 9:30 AM
Venue	:	Visvesvaraya Auditorium
No of Participants	:	165

• Objective of the Event

Producing better quality products with less cost, reducing lead times, improving customers delight have become the key requirement to remain competitive in the global market. To fulfil these requirements Additive Manufacturing (AM) provides a technological tool for making solid free-form products. It is a manufacturing technique which has applications in all technical as well as non-technical fields. The products are made with the use of CAD tools and then layer by layer addition of materials by using different AM technologies such as SLA, SLS and 3D printers etc. The seminar is motivated by the growing national manpower needs to develop experts in the globally competitive domains of engineering. Basic motive behind organizing this seminar is to provide an exposure to the technocrats and students about the new technologies related to additive manufacturing and its application for different purposes with hands on training.

Expert lectures were delivered by following experts:

Dr. U. Chandrasekhar, Pro-Vice Chancellor, VELTECH University, Chennai on Additive Manufacturing Scope & Opportunities. During his tenure at DRDO he carried out several technology development project and also led a senior group of scientist at Moscow during testing of gas turbine engine.

Dr. Sarang Pandey, Principal, Marwadi Education Foundation Gr Institutions, Rajkot on Materials used in Additive manufacturing.

Mr. KeyurPunjani, Founder Star dust technology, Ahmedabad demonstrate 3D printer, live demonstration on model making.

Mr. Guruprasad K. Rao, Director, ImaginariumPvt Ltd, Mumbai on Making Sense, Creating Sensation on 3D printing.

Dr. PavankumarGurralla, Asst Professor at Pt DinDayal Petroleum University, Gandhinagar on Current Research, applications & avenues in FDM. His main focus on material used for FDM.

Mr. Paresh Deshpande, Owner, 3DPLABS, Kolhapur he is expert and service provider in 3D printing and assistive manufacturing.

Mr. SagarKariya, Altem, gave lecture on desktop 3D printing

- **Outcome of the Event**

The course is designed mainly about AM to create general awareness among student’s researchers, faculty members and industry people. The course is designed in order to provide a platform for the participants. Researches will avail this opportunity to get an idea about additive manufacturing. Students will understand the technological advancement in manufacturing field.

- **Event Photographs**

