PROGRAMME SCHEDULE

- **Invocation**
- **Welcome Speech**
- **Introducing the Chief Guest**
- **Honoring the Chief Guest**
- **Inauguration**
- **Presidential Speech**
- **Vote of Thanks**

INVITATION

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI

DEPARTMENT OF MECHANICAL ENGINEERING

Cordially invites you to the

Inauguration of Certification Program

On

" Additive Manufacturing And 3D Printing "

Resource Person: **Mr. Sreekanth M P & Mr. Suresh P S**

Dept. of ME, AIET Moodbidri

Guest of Honor: **Mr. Vivek Alva**

Managing Trustee

President: **Dr. Peter Fernandes**

Principal, AIET, Moodbidri.

Coordinator	**Head of the Department**
Mr. Hemanth S	**Mr K V Suresh**
Assistant Professor	Associate Professor and Head

Venue: AIET MECH Block@9.00AM

ABOUT VTU, BELAGAVI

Visvesvaraya Technological University is a collegiate public state university in Karnataka State, India. It was established by the Government of Karnataka. The university is named after **M. Visvesvaraya** from Karnataka, the only engineer to be awarded a **"Bharat Ratna"**, the highest civilian award in India. Jnana Sangama, Belagavi is the headquarters of VTU. Additionally, the university has three regional centers in Bangalore, Gulbarga and Mysore. VTU is one of the largest universities in India with 212 colleges affiliated to it with an intake capacity of over 467,100 undergraduate students and 12,666 postgraduate students. The university encompasses technical and management fields which offer 30 undergraduate and 71 postgraduate courses. It has around 1800 PhD candidates. VTU has 13 QIP centers and 17 extension centers in its affiliated colleges offering postgraduate courses. It has around 2,305 departments recognized as research centers which are spread across its affiliated institutions in cities of Karnataka.

AIET, MOODBIDRI

Alva's Education Foundation (AEF) established in 1995 with the vision of our Chairman **Dr. M. Mohan Alva** has succeeded in making Moodbidri, an Educational hub in the South Canara Region, with more than 25000 students pursuing various courses ranging from primary school to post-graduate courses in social sciences, pure sciences, engineering and management. There are 21 institutions functioning under the Alva's Education Foundation.

Alva's Institute of Engineering and Technology, Moodbidri is a Premier Engineering Institute of Alva's Education Foundation, established in the year 2008. The college is certified to the ISO 9001: 2008 standards. The institute offers top quality education in five under graduate programs in Engineering-Computer Science, Civil, Electronics & Communications, Information Science, and Mechanical Engineering-Three Post Graduate programs- Master of Technology in Thermal Power Engineering, Computer Science & Engineering, VLSI Design Embedded System and Master of Business Administration.

DEPARTMENT OF MECHANICAL ENGINEERING

Department of Mechanical Engineering was established in the year 2008 with an intake of 60 and has enhanced to 180 from academic year 2012□13. The Post Graduate course, M.Tech in Thermal Power Engineering was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre by VTU. Department is actively involved in Curricular and extracurricular activities in associations with professional bodies. The main objective of the department is to provide academic excellence, knowledge and nurture talent in the area of Mechanical Engineering. The department has started Bio Diesel research testing centre in the campus to explore in the area of Alternative Fuels.

Department vision is to develop Quality Mechanical Engineers to meet the ever growing and ever changing needs of the economy. The Department is committed to provide high quality technical education at under graduate and post graduate level by means of state of art curriculum with best teaching-learning process.

About Additive Manufacturing And 3D Printing Course

Additive manufacturing refers to a process by which digital 3D design data is used to build up a component in layers by depositing material. The term 3D printing is increasingly used as a synonym for additive manufacturing. Manufacturing is a process in which raw materials are transformed into finished goods.

Increased applications such as 3D faxing sender scans a 3D object in cross sections and sends out the digitals image in layers, and then the recipient receives the layered image and uses an additive manufacturing to fabricate the 3D object.

Additive manufacturing has been used across a diverse array of industries including; Automotive, aerospace, biomedical, consumer goods and many others

COURSE CONTENT

1. Introduction to additive manufacturing
2. Additive manufacturing Processes
3. Present Conditions
4. AM Gaps and needs
5. Future aspects
6. 3D printing technology

RESOURSE PERSON

Mr. Sreekanth M P & Mr. Suresh P S
Assistant Professor
Department of Mechanical Engineering, AIET
Moodbidri

Organizing committee

Mr.Madhu K N, Mr. Keshavanth B G, Mr. Srinivas C S,
Assistant Professor
Department of Mechanical Engieering AIET
Moodbidri

PROGRAM SCHEDULE

July 16, 2018	
Inauguration:	09:00 am to 09:30 am
Tea Break:	9:30 am to 9:45 am
Session 1:	9:45 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm
July 17, 2018	
Session 3:	09.30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm
July 18, 2018	
Session 5:	09.30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm
July 19, 2018	
Session 7:	09.30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm
July 20, 2018	
Session 9:	09.30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 10:	02:00 pm to 04:00 pm
Valedictory:	04:30 pm to 05:00 pm