

## 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 CATIA COURSE

CATIA is the product design software developed and created by Dassault Systemes. This is a multinational software company based in France. It is globally and widely used software that delivers 3D design, Computer-aided engineering solutions, PLM and Computer-aided manufacturing solutions. The software is commonly used in manufacturing industries and Original Equipment Manufacturers (OEMs) to increase the process of designing, analyzing and management of new products. CATIA makes work easy in design

CATIA is also commonly called to as a 3D Product Lifecycle Management software package. It has a lot of scope in numerous industries around the globe. It helps in the process of product development. This process includes development, concept making, designing, engineering, and manufacturing. It is used in mechanical engineering, system engineering, electrical systems & fluid systems

## COURSE CONTENT

1. Introduction to CATIA
2. 2D and 3D modeling
3. Part modeling
4. Sheet metal Designing
5. Drafting
6. 1<sup>st</sup> and 2<sup>nd</sup> angle projection
7. Surface designing
8. Wireframe designing

## RESOURCE PERSON

**Mr. Kiran C H**

Assistant Professor

Department of Mechanical Engineering, AIET  
Moodbidri

## Organizing committee

Mr. Anish A, Mr.Sagar, Mr Shailesh B G

Assistant Professor

Department of Mechanical Engineering AIET  
Moodbidri

## PROGRAM SCHEDULE

### January 14, 2019

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

### January 15, 2019

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

### January 16, 2019

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

### January 17, 2019

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

### January 18, 2019

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

**ALVA'S INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, MOODBIDRI**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Cordially invites you to the

**Inauguration of Certification Program**

On

**“ CATIA ”**

**Resource Person: Mr. KIRAN C H**

**Dept. of ME, AIET Moodbidri**

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

Managing Trustee

**President: Dr. Peter Fernandes**

Principal, AIET, Moodbidri.

**Coordinator**

**Mr. Hemanth S**

Assistant Professor

**Head of the Department**

**Mr K V Suresh**

Associate Professor and Head

**Venue: AIET MECH Block@9.00AM**

❖ **Invocation**

❖ **Welcome Speech**

❖ **Introducing the Chief Guest**

❖ **Honoring the Chief Guest**

❖ **Inauguration**

❖ **Presidential Speech**

❖ **Vote of Thanks**