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 AND ANSYS PROGRAMME COURSE

CATIA Courses portfolio consists of CATIA V5 Fundamentals, CATIA V5 Mechanical Designer, CATIA V5 Mechanical Designer (Advanced), CATIA V5 Surface Designer Advanced followed by industry domain based training programs. We conduct CATIA industry domain based training programs in Automotive Product Design, Interior / Exterior Plastic Trims, BIW, Fixtures, Seating System Design, Aerospace, Sheet Metal Design, Tool & Die Design

Ansys develops and markets finite element analysis software used to simulate engineering problems. The software creates simulated computer models of structures, electronics, or machine components to simulate strength, toughness, elasticity, temperature distribution, electromagnetism, fluid flow, and other attributes

COURSE CONTENT

1. Introduction to catia & Ansys
2. Drawing sketches in the sketcher workbench
3. Constraining sketches and creating base features
4. Reference elements and sketch based features
5. Editing features
6. Assembly modeling
7. FEA & Ansys – Starting ANSYS
8. General Analysis Procedure
9. Introduction to Ansys modeling
10. Solid Modelling

RESOURSE PERSON

Mr. Kiran C H, Mr.Varunkumar Reddy, Mr. Harish K, Mr. Gopal Krishna U B

Assistant professor

Department of Mechanical Engineering, AIET Moodbidri

Organizing committee

Mr. Sadashiv B, Mr. Santosh A, Mr. Manjunath N, Mr. Vinoth K

Assistant Professor

Department of Mechanical Engieering AIET Moodbidri

PROGRAM SCHEDULE

16/1/ 2017

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

Every day 9:00 AM to 5:30 PM till 28/01/2017

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

" CATIA AND ANSYS PROGRAMME "

Resource Person: **Mr. Kiran C H, Mr.Varunkumar Reddy, Mr. Harish K, Mr. Gopal Krishna U B**

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