

## 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 COMPUTER SCIENCE AND ENGINEERING

The Department was started in the year 2008 with an intake of 60 for the undergraduate program. The program has become popular among students due to the achievements and rigor. The department has well-equipped classrooms and computer laboratories with high-end systems as per the AICTE norms. The department is affiliated to Visvesvaraya Technological University (VTU).

The Department carries out various Industry-Institute interaction events for the benefit of the students. The Department conducts various Seminars and Technical talks in collaboration with various Companies also. Faculty members are of many Professional societies like IEEE, ISTE, etc. With an objective of developing core competence in the respective subject specializations and for learning newer technologies, the Department has formed the various Technical divisions.

## ABOUT SOFTWARE TESTING COURSE

Software testing is a process, to evaluate the functionality of a software application with an intent to find whether the developed software met the specified requirements or not and to identify the defects to ensure that the product is defect free in order to produce the quality product.

VTU is introducing the course on Software testing for the BE 6<sup>th</sup> semester. Continuing with the effort of training the members, a five days Student Training Program is organized on “**Software Testing**” at AIET Moodbidri by the Department of Computer Science and Engineering.

As per the current trend, due to constant change and development in digitization, our lives are improving in all areas. To deliver a quality product, we need to have Software Testing in the Software Development Process.

Some of the reasons why software testing becomes very significant and integral part in the field of information technology are as follows.

1. Cost effectiveness
2. Customer Satisfaction
3. Security
4. Product Quality.

## COURSE CONTENT

1. Introduction to Testing
2. Software Development Life Cycle (SDLC)
3. Levels of Testing and who is responsible for each type testing
4. Software Testing Methods Used in Industry
5. Familiarization of various popular testing types
6. Software Testing Life Cycle
7. Functional Specification document Walkthrough
8. Test cases creation
9. Test case design techniques
10. Test execution
11. Test reporting
12. User Acceptance Testing (UAT)
13. Test Management Tool

## RESOURCE PERSON

**Mr. Sudarshana K**

Assistant Professor,  
Department of Information Science and  
Engineering, AIET Moodbidri

## PROGRAM SCHEDULE

### JANUARY 13, 2015

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 14, 2015

Session 3:	09.00 am to 01:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm

### JANUARY 15, 2015

Session 5:	09.00 am to 01:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm

### JANUARY 16, 2015

Session 7:	09.00 am to 01:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

### JANUARY 21 2015

Session 9:	09.00 am to 01:00 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

## 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 COMPUTER SCIENCE & ENGINEERING

Cordially invites you to the

### Inauguration of Certification Program

On

## **“Software Testing”**

**Resource Person:** Mr. Sudarshana K

Assistant Professor, Dept. of ISE

AIET Moodbidri

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

Managing Trustee

**President:** Dr. Peter Fernandes

Principal, AIET, Moodbidri.

**Coordinator**

**Mr. Sayeesh**

Assistant Professor

**Head of the Department**

**Mr Manjunath Kotari**

Associate Professor and Head

**Venue: ST Lab, First Floor, AIET Main Block@9.00AM**