

## **"Online certification Course"**

### **VARIOUS PLATFORMS ARE**

- COURSERA
- UDEMY
- CISCO
- VMWARE
- SALESFORCE
- MATHWORK
- AWS
- RPA
- UIPATH
- GREAT LEARNING
- ORACLE
- FREE CODE CAMP



**Alva's Institute of Engineering & Technology**

**Shobhavana , Mijar, Moodbidri - 574225**

**Web: [aiet.org.in](http://aiet.org.in)**

**Accredited by NBA (CSE & ECE)**



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## ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

**ALVA'S** Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering, Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments in the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

### Department of Computer Science and Engineering

Department of Computer Science and Engineering started functioning from the year 2008, with an intake of 60 and has enhanced to 120 from academic year 2012-13. The Post Graduate course, M.Tech in Computer Science and Engineering, was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre from VTU. Faculty members are actively involved in co-curricular and extracurricular activities with association and professional bodies like CSI/ISTE. Department of Computer Science & Engineering has always been on a high growth and path since its establishment. To keep pace with latest technologies, department has employed experienced and dedicated faculty with strong commitment towards research work. The department is dedicated to education, research and overall excellence. For skill development Department have highly equipped add-on labs like Envision lab, Innovation Lab and iOS Lab.

The students are well placed in reputed industries as well as continuing higher education in the premier institutes. The Department of CSE organizes various events such as workshops, Seminars, Technical talks, delivered by eminent resource persons from academia & industry, who have excelled in their field.

The department regularly conducts special courses on advanced topics. Department of CSE encourages the faculty and students for participating in research activities for enhancing their subject knowledge and acquire information regarding current trends.

### VISION OF THE DEPARTMENT

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques"

### MISSION OF THE DEPARTMENT

- To produce skilled, creative software developers through rigorous training.
- To conduct specific technical courses to keep abreast to the latest technological developments and transformations in the domain.
- To implement the ideas of research and innovations in interdisciplinary domains.
- To establish Industry-Institute Interaction programs to enhance the skills of employability and entrepreneurship.

### PROGRAM SPECIFIC OUTCOMES

A graduate of the Computer Science and Engineering Program will exhibit:

- PSO1: Professional Skills:** The ability to understand & implement the computer programs in the areas of Computer Architecture, System Software, Database Management Systems, Web Design, Multimedia and Computer Networking.
- PSO2: Problem-Solving Skills:** The ability to solve real-world problems by suitable mathematical model with strong technological concepts in rapidly growing arena of computer technology.

**PSO3: Successful Career and Entrepreneurship:** Knowledge in diverse areas of Software Engineering and Management & Entrepreneurship for IT Industry, conducive in cultivating skills for successful career development.

### PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Computer Science & Engineering will able to

**PEO1:** Exhibit the knowledge and skill sets to adapt to the dynamic technological transformations and developments in the field of Computer Science & Engineering.

**PEO2:** Get adapted to a corporate working environment discharging entrusted duties competently and be able to stay updated on the emerging technological changes to initiate a start-ups.

**PEO3:** Get engaged in an innovative career to exploit new ideas for gaining social and economic values or to pursue higher studies in the field of research.

### ABOUT ONLINE CERTIFICATION COURSE

Education is increasingly moving towards e-education to ensure that students continue to learn by embracing a distance learning environment.

The use of digital technologies provides innovative and qualitative opportunities through the execution of the principles of mobility, virtualization, adaptability, flexibility and instant response. Moreover, it also facilitates social, emotional, and cognitive development. The foremost benefit of online certification is that a student gets to study at their own pace. Having a self-paced learning schedule can be a big help to students who need more time to learn. Moreover, students get to set up their learning environment in the comfort of their home. The added comfort puts students in a hassle-free space to seek knowledge, helping them to learn and understand the subject better.

Cost-effective and time saving, Better career opportunities in the job market, The growing relevance of online learning, Interactive Learning environment and networking opportunity etc.