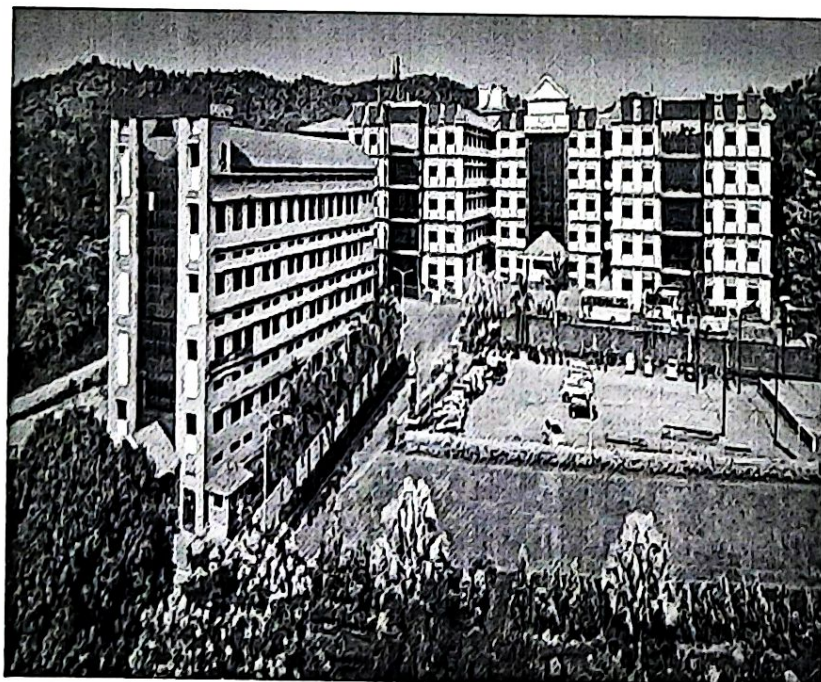




**Alva's Institute of
Engineering & Technology**
Shobhavana, Mijar, Moodbidri-574225
Web: aiet.org.in

Accredited by NBA (ECE)

**Department of Electronics and
Communication Engineering**



Certification Course Coordinator:
Mr. Parveez Shariff
Contact: parveezshariff@aiet.org.in

ONLINE PLATFORMS FOR CERTIFICATION COURSE

- ❖ COURSERA
- ❖ UDEMY
- ❖ CISCO
- ❖ VMware
- ❖ SALESFORCE
- ❖ MATHWORK
- ❖ AWS
- ❖ RPA
- ❖ UIPATH
- ❖ GREATLEARNING
- ❖ SOLO LEARNING



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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 at the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics & Communication at Alva's Institute of Engineering and Technology was started in the year 2008-09. The department is affiliated to Visvesvaraya Technological University (VTU) and was recognized as Research Centre of VTU in the year 2017- 18 and accredited by NBA in 2019-20. The department has an intake of 120 aspirants per year. The department has well-equipped classrooms and computer laboratories with high-end systems as per the AICTE norms. The syllabus encompassing the latest technologies, excellent laboratory facilities and exemplary faculties are the main reasons for the prized status accorded to this course.

ECE is one of the renowned branches in the field of Engineering, have proved time and again, that they play a

major role in both the developing and well-being of our society in the fast paced human life. E&C branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. The department has well-qualified, experienced and research oriented faculty.

VISION OF THE DEPARTMENT

"Centre of Excellence to Empower the young minds in the field of Electronics and Communication Engineering with research focus and skill development through Transformative Education catering to the needs of the Society".

MISSION OF THE DEPARTMENT

- To create Learning Environment to enable the Students for Excellence in the field of Electronics and Communication Engineering.
- To Empower the Students with necessary Skills for Solving the Complex Technological Problems.
- To Inculcate Research Culture among Teaching-Learning Group by guiding them towards Research Activities to bridge the gap between Industry and Academia.
- By Imbibing the Students with Human Values and Ethics through Transformative Education and make them Socially Responsible Professionals.

PROGRAM SPECIFIC OUTCOMES

A graduate of the Electronics and Communication Engineering Program will exhibit:

PSO1: Understand and apply the principles of Electronics and Communication Engineering in various domains of Analog and Digital systems.

PSO2: Design and implement systems using the concepts of Electronics, signal processing, Embedded systems and Semiconductor Technology.

PSO3: Apply modern hardware and software tools to analyse and solve engineering problems.

PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Electronics and Communication Engineering will be able to

PEO1: Apply Mathematical, Scientific and Engineering skills for solving problems in the area of Electronics and Communication Engineering.

PEO2: Expose to Emerging Technologies and excel in Industries/Higher studies/research.

PEO3: Apply analytical skills in the area of Electronics and Communication Engineering to become competent and Employable.

PEO4: Inculcate professional ethics, human values, team work for solving engineering problems and contribute to societal needs.

ABOUT WORKSHOP

Nowadays, digital technology has cemented a significant role in the development of every sector of the economy. Of late, we have witnessed its most disruption in the Education sector. The year 2020 has changed the education landscape across the world. Primarily, it has disrupted higher education as millions of students around the world are now studying remotely. As a result, education is increasingly moving towards e-education to ensure that students continue to learn by embracing a distance learning environment. There are several advantages of online education which has motivated students to seek online certification. Indeed, online certificate programs offer greater flexibility and exposure as compared to the conventional teaching schools. Online certification also helps students to get their foot in the door of a new area that often acts as a turning point in their career. Having online certification establishes one as a continuous learner and learning is a value in itself that helps in garnering admiration and respect in the work environment. Having a professional and visible digital footprint or online identity helps students achieve their career goals and land their dream jobs.