



LINGAYA'S  
VIDYAPEETH

Deemed-to-be University  
u/s 3 of UGC Act 1956

choose to know



A Building With  
Four Walls And  
*Tomorrow*  
Inside

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The department of Electronics & Communication Engineering (ECE) endeavors to provide state-of-the-art education and lays great emphasis in developing creative skills and over all development of the students. The department has excellent research in the area of IOT, Micro-strip antenna design, Embedded System designs, VLSI Design, Neural Network etc.

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## About us:

- The ECE department, a part of the school of Engineering & Technology, was founded in 1998.
- The department's goal is to produce industry-ready technical experts who can meet the world's increasing demand for engineers.
- The students have received adequate training to tackle future technological difficulties.
- Through coordinated initiatives, the department encourages industry-institute contact.
- The curriculum is designed to instill superior leadership and project management skills in order to meet worldwide professional standards.

## Programs Offered:

- B. Tech in Electronics & Communication Engineering - 4 years
- B. Tech lateral entry to II year - 3 years  
(Specialisation : **VLSI Design, Embedded System Design, Internet of Things, Biomedical Instrumentation**)
- M. Tech in Electronics & Communication Engineering - 2 years
- Ph.D. in Electronics & Communication Engineering



## Faculty:

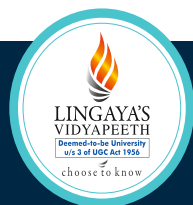
The department has highly qualified and experienced faculty members with specializations in emerging areas like VLSI Design, Embedded System Design, Optical Fiber Communication, Antenna Design, Electrical Machines and Drives, Control Systems, Signal & System Processing, Artificial Intelligence & Machine Learning, Data Science, Cyber Security, and Block Chain from IITs, NITs, and foreign universities.

## Infrastructure:

- The department of ECE has air conditioned, ICT Enabled Classrooms, Seminar Rooms, Departmental Library, state-of-the-art Laboratories and Faculty Rooms.
- The department library has a rich collection of course materials and books for the reference purpose.
- The department has centre of excellence and computational software to enable faculties and students to pursue their projects and research.
- Faculty has a good publications in the referred and peer reviewed journals.

## USPs of the ECE Department:

- Professional Skilled Training Program for the students towards placement assistance.
- State of the art laboratories and infrastructure .
- Highly Qualified and experienced faculty members
- Virtual Incubation Centre
- Emphasis on Tutorial Remedial Classes
- Regular Academic Enrichment Activities for faculty/ Students.
- Focus on student centric development as Mentor- Mentee (1:10).
- Students counselling Mentor-Mentee.



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Campus : Nachauli, Jasana Road,  
Old Faridabad, Haryana - 121002

The department has the following state of the art labs with emerging Technologies:

- Embedded Systems and Design Lab
- VLSI Design Lab
- PLC and SCADA Lab
- Control Systems Lab
- Simulation Softwares like MATLAB, Pspice, VHDL, Xilinx, Lab view are available for conducting research and relevant studies.
- Digital Signal Processing Lab
- Data and Satellite Communication Lab
- Microprocessor and Interfacing Lab
- Electronics and Electrical Measurement and Instrumentation Lab
- Analog and Digital Electronics Lab
- Communication Lab
- Electrical Machines Lab
- Electrical Drives and Power Systems Lab



## Special Features

- Regular interaction of Alumni with Graduating students.
- Alumni are pursuing higher studies in premier institutes, India and abroad in emerging areas.
- Training programs for the students towards placement assistance.
- Training on real time problems to develop critical thinking and problem solving skills.
- Exposure on latest technological trends through Workshops, Seminars, Industry Visits, Expert Talks at regular intervals.
- Delivery through Chalk & Talk on Smart board.
- E-resources (Swayam, NPTEL, Virtual Lab, etc.)
- Technical Model, Paper and Poster Presentation, Seminars, Workshops, Conferences and Quizzes, Projects, Industrial Visits and Technical Trainings.

## Career Prospects :

- Electronics Engineer
- Aerospace engineer
- Broadcast engineer
- Control and instrumentation engineer
- Electrical engineer
- IT consultant
- Network engineer
- Nuclear engineer
- Electronics and Communication Engineer
- Electronics Design & Development Engineer
- Desktop Support Engineer
- System Control Engineer
- Software Jobs
- Hardware Jobs
- Government Organizations (such as ISRO, DRDO, BEL, BHEL, BSNL, Railways, etc.)

1. BALCO
2. SAIL
3. NTPC
4. Durgapur steel plant
5. OMEGA Elevator
6. CONE Elevator
7. ALSTOM India Power project
8. Everest Industry
9. ZENITH Construction etc
10. L&T Construction and STEEL
11. Tata Metallic & Tata Motors
12. Tata Steel & Power Limited
13. State Electricity Board
14. TRF Ltd
15. Jindal Steel & Power Limited

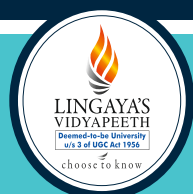
Placements on/off campus:

Infosys, Google, HCL, Accenture, Cognizant, IBM, TCS, Wipro, Microsoft, Larsen & Turbo, Mahindra Satyam, Tech Mahindra, Adobe, Sun Microsystems, CISCO, Oracle

and many more ...

PSU's and other Organizations:

1. BHEL
2. NSPCL
3. Power Grid Corporation of India Ltd



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