



**GALGOTIAS  
UNIVERSITY**



**ADMISSION BROCHURE**

# **DEPARTMENT OF ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING**







**28K+**

Brilliant Students

**52**

Acre Campus

**20+**

Years of Legacy

**300+**

Awards

**850+**

Companies  
onboard

## ABOUT THE UNIVERSITY

The Galgotias University, Uttar Pradesh, sponsored by Smt. Shakuntala Educational and welfare society, has been established by the state of Uttar Pradesh under section 2(f) of the UGC Act, 1956 vide. The Galgotias University Uttar Pradesh Act 14 of 2011. The University has been granted A+ accreditation by the National Assessment and Accreditation Council (NAAC).







# MESSAGE FROM THE HOD



**Dr. Lokesh Varshney,**  
Professor & Head

Circuit branches are the backbone of today's technological world. Engineers of circuit branches conceive, design, implement, test, and realize all kinds of Electrical, Electronics and Communication devices. These are the backbone of the profession and work in every industry from transportation, telecommunications, energy, and electronics to bioengineering, commerce, and manufacturing. Because of these engineers revolution in the engineering world started i.e. Industry 4.0. CBCS has been implemented in true sense by the department.

The Department established since the inceptions of the Galgotias University in 2011. The Department offers B.Tech. in three different programs (Electronics and Communication Engineering, Electrical and Electronics Engineering and Electrical Engineering), two different specializations (Electronics and Communication Engineering with specialization Artificial Intelligence and Machine Learning & Electrical Engineering with specialization Electric Vehicle) M.Tech. in two different programs (Power Systems Engineering and Satellite Communication Engineering ) and Ph.D. in (Electrical Engineering and Electronics and Communication Engineering).

The Department has published more than 1000 research papers in international journals and conferences and more than 175 Patents have been filed & published. DEECE Students won a prize (Top 30) in Satellite project competition CANSAT organized by NASA (USA). The Strong alumni strength representing all major verticals in Higher Education, Entrepreneurship and reputed Industries. In addition to the above The department is continuously organizing world class international conferences such as, GUCON-2018, GUCON-2019, GUCON-2020, ICEEE-2020, ICEEE-2021 and ICACIT-2021. Students from this department get placed in almost all major companies such as TCS, Infosys, Wipro, Vivo, Airtel, Cognizant, Tech-Mahindra, Ericson etc.

The Department of Electrical, Electronics and Communication Engineering is headed by Dr. Lokesh Varshney (Ph.D. & M.Tech.: IIT-BHU, Varanasi, B.Tech.: SGSITS, Indore) who has a long teaching experience of over 15 years in various universities and colleges. The faculty members of the department belong to diversified fields and have studied at premier institutes of India, such as, IITs, NITs and Central Universities etc.

I welcome you to be part of DEECE family, Galgotias University.



# VISION & MISSION

## Vision

*To be recognized globally as a premier department of Electronics and Communication Engineering for value based education, interdisciplinary research and innovation.*

## Mision

To produce skilled professional in the field of Electronics and Communication Engineering to meet the requirement of Industry 4.0.

To setup Center-of-Excellence for design simulation and product development.

To provide opportunities for students to work on real world problems and develop sustainable solutions.

To collaborate with industry and professional bodies to design up-to-date curriculum as per the industry need.

## USP OF THE DEPARTMENT

- B.Tech. ECE Program NBA Accredited
- Department offers UG, PG & Doctoral Programs.
- Specializations offered in Artificial Intelligence & Machine Learning, Electric Vehicle.
- Provision of Multiple Entry & Exit schemes as per National Education Policy 2020 guidelines.
- CBCS Feature Implementation
- Mode of study for Quick learners.
- Credit Transfer through Industry/ NPTEL
- Outcome Based Teaching
- Project Based Learning
- Stakeholder's feedback-based curriculum updation regularly.
- ICT based Learning
- Effective Mentor- Mentee system.
- Well Qualified and Experienced Faculty, Staff and with diversity from reputed Institutions
- High-tech Laboratory: Communication Engineering Lab, Microwave Engineering Lab, Electrical Machine Lab, Power System Lab & Drone set up etc.
- Industry Sponsored lab on Automatic Tollway management system by Intelliroute India Services.
- Department Library with more than 500 books and referred journals.
- Good Quality Research Publications by faculties & students with indexing in SCI/SCIE, Scopus & WOS.
- More than 900 Research Papers published in National / International reputed Journals & Conferences.
- More than 150 Patents filed & published
- Seed Money for Inhouse Projects from University
- 100% Publications from B.Tech. Projects
- International Conferences GUCON organized in collaboration with IEEE, IETE etc.
- MoU's signed with International Universities and major Corporates
- Students Industrial Internship in Major companies like BHEL, BSNL, Air India Tata steel, Tata power, CISCO, Cognizant etc.
- Students won prizes in Satellite project competition - CANSAT organized by NASA (USA)
- Top employers are Samsung, Airtel, Vivo India, Oppo India, Havell's, IBM, Wipro, Cognizant Infosys, Robbins (USA), MSPARK, NHAI, Intelliroute India, Accenture etc.
- Strong Alumni strength representing all major verticals in Higher Education, Entrepreneurship and reputed Industries
- Organized Mega technical events like NASA Space APP challenge, Make-A-ton etc.



# PROGRAMMES OFFERED

## Under Graduate Program

### B.Tech in Electronics & Communication Engineering (NBA Accredited) | 4 Years

#### About the programme

The Electronics & Communication Engineering has been playing a vital role in producing scientists and technologists of the highest caliber. The ever challenging needs of technological excellence in all the major areas of Electronics & Communication Engineering such as Communication Engineering, VLSI Design, Robotics, microprocessors & microcontrollers, digital and analog electronics, mobile and computer networks, biomedical instrumentation, digital signal & image processing, Integrated electronics and circuits, network & systems, measurements & instrumentation motivate to opt Electronics & Communication Engineering one of the most chosen branches of Engineering & Technology.

The Department of Electronics & Communication Engineering offers a regular four year B. Tech. program in Electronics & Communication Engineering as well as post graduate program in Communication Engineering (Satellite Communication). In addition to the strong undergraduate program in Electronics & Communication Engineering, the department has world class infrastructure & teaching facilities. The infrastructure and lab facilities are up to the international standards and provide adequate opportunities for students and researchers to learn and innovate the technological skills.

The faculty of the department has been constantly carrying out research on many cutting edge technologies and regularly publish papers in IEEE and other top international journals. The department also plans to undertake many research projects sponsored by both the government and the industry."

#### Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

**For Lateral Entry:-** Passed Diploma examination with at least

50% marks in any branch of Engineering and Technology.

Or Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

**For Migration from Other Universities:**

1) B.E./B.Tech 1st year minimum 50% marks or equivalent

2) 50% PCM or above at XII level.

### B.Tech in Electronics and Communication Engineering (Artificial Intelligence and Machine Learning) | 4 Years

#### Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

**For Lateral Entry:-** Passed Diploma examination with at least

50% marks in any branch of Engineering and Technology.

Or Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

**For Migration from Other Universities:**

1) B.E./B.Tech 1st year minimum 50% marks or equivalent

2) 50% PCM or above at XII level.



## B.Tech in Electrical Engineering | 4 Years

### About the programme

The Electrical Engineering has been playing a vital role in producing scientists and technologists of the highest caliber. The ever challenging needs of technological excellence in all the major areas of Electrical Engineering such as control & automation, robotics, power systems, power electronics & drives, microprocessors & microcontrollers, digital and analog electronics, PLC & SCADA systems, FACTS, biomedical instrumentation, digital signal & image processing, electrical machines, integrated electronics and circuits, network & systems, measurements & instrumentation, electrical engineering applications in computer technology and renewable energy resources motivate to opt Electrical Engineering one of the most chosen branches of Engineering & Technology. The Electrical Engineering stream, which is very relevant to the requirement of modern fast developing industries, is the evergreen branch and mother of all engineering branches related to the Electrical & Electronics Engineering.

The Department of Electrical Engineering offers a regular four year B. Tech. program in Electrical Engineering as well as post graduate program in Power System Engineering. In addition to the strong undergraduate program in Electrical Engineering, the department has world class infrastructure & teaching facilities. The infrastructure and lab facilities are up to the international standards and provide adequate opportunities for students and researchers to learn and innovate the technological skills. The department has distinguished faculty from renowned institutes in India and abroad.

### Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

**For Lateral Entry:-** Passed Diploma examination with at least

50% marks in any branch of Engineering and Technology.

Or Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

**For Migration from Other Universities:**

1) B.E./B.Tech 1st year minimum 50% marks or equivalent

2) 50% PCM or above at XII level.

## B.Tech in Electrical Engineering (Electric Vehicle) | 4 Years

### Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth

**For Lateral Entry:-** Passed Diploma examination with at least

50% marks in any branch of Engineering and Technology.

Or Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject.

**For Migration from Other Universities:**

1) B.E./B.Tech 1st year minimum 50% marks or equivalent

2) 50% PCM or above at XII level.

## B.Tech in Electrical and Electronics Engineering | 4 Years

### Eligibility

Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth



## Postgraduate Programme

### **M.Tech in Power System Engineering | 2 Years**

#### **About the programme**

M.Tech Power System engineering programme aims at training graduate engineers in the field of Power Systems. It deals with issues at the intersection of electric power, economics and management of power and provides professional knowledge in power generation, transmission and distribution, and power equipment.

#### **Eligibility**

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

### **M.Tech in Communication Engineering (Satellite Communication) | 2 Years**

#### **Eligibility**

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

## Weekend Programme

### **M.Tech in Power System Engineering | 3 Years**

#### **Eligibility**

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

### **M.Tech in Communication Engineering (Satellite Communication) | 3 Years**

#### **Eligibility**

B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline

## Doctoral Programme

### **Doctor of Philosophy (Ph.D.) in Electronics & Communication Engineering Cwork1+2**

#### **Eligibility**

A Master's degree from a recognized Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.



## Doctor of Philosophy (Ph.D.) in Electrical Engineering | Cwork1+2

### Eligibility

A Master's degree from a recognized Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.

*Note: Candidates who have qualified in UGC NET/CSIR (JRF) Examination/SLET/GATE/Teacher Fellowship holder or have passed M.Phil. Programmes are exempted from Written Examinations. [Click Here to know more](#)*

## LABORATORIES



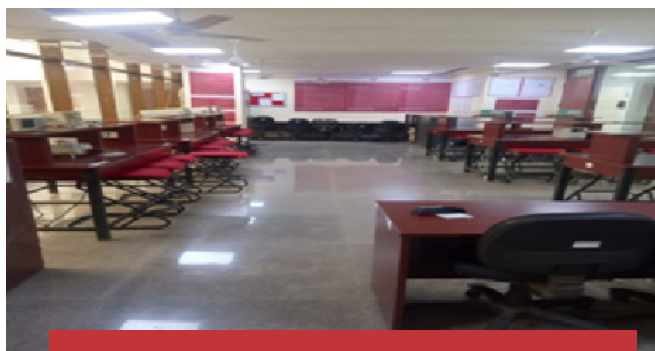
Network Analysis and Synthesis Lab



Power Electronics & Power System Lab



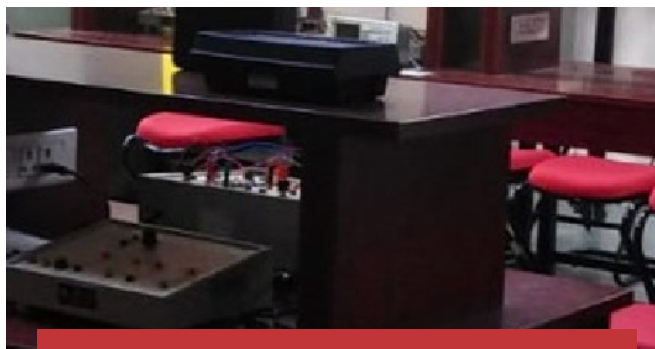
Advanced Communication Lab



Analog/Digital Electronics Lab



Electrical Machines Lab



Network Synthesis & Micro Controller Lab



# AWARDS



MoU Signing between DEECE, GU and Intelliroute India Services LLP



MoU Signed between DEECE, GU and Greentech Aviation



Drone Piloting Hands-on Training



MoU Signed between DEECE, GU and Tevatron Technology Pvt. Ltd.



NASA Space Apps Challenge

## Internship

Companies are Elite techno groups, Partech Solutions, Ready coder. Pvt. Ltd, hawkscodes, Revogreen Technologies, National Academy of Broadcasting And Multimedia, Valiant Communication Limited, Vajre India Technologies Pvt. Ltd, Codules Technologies PVT. LTD, Noida, SPACE - Scientific Platforms and Cosmic Explorations, South Bihar power Distribution Company limited, Larsen & Toubro, Delta Power Solutions India Pvt Ltd, Nepal Electricity authority, 220 KV substation Panki, Kanpur, Steag Energy Service India Pvt Ltd, Uttarakhand Power Corporation Ltd, Capgemini, Technex, IIT (BHU) Varanasi, UPPCL, BHEL, NTPC, Delhi Metro, Kyron Technologies Pvt Ltd, iNeuron Intelligence Pvt Ltd.

## OUR RECRUITERS

Our Students are placed in Infosys, Oppo, Vivo Global, Telecom Integer, Robbins (USA), DXC Technology, Capgemini, Crompton Greaves Limited, Wipro, Siemens India, Tata Motors, Larsen and Turbo, Accenture, Cognizant, Tech Mahindra, IBM, Reliance power, Ericsson, TCS, BYJU's, Mindtree, Samsung, ONGC, LG Electronics, Robotech PVT LTD, NHAI.





# CONTACT INFORMATION

## Address and location

Plot No.2, Sector 17-A Yamuna Expressway,  
Greater Noida, Gautam Buddh Nagar, Uttar  
Pradesh, India

*Opposite Buddh International Circuit.*

## Contact details for admission inquiries

### For National Admissions

Call Centre: 0120-4370000 , +91 9582847072

+91 9810162221

Email : [admissions@galgotiasuniversity.edu.in](mailto:admissions@galgotiasuniversity.edu.in)

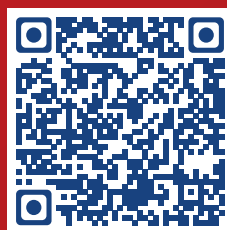
### For International Admissions

NRI / Foreign Nationals only: +91 120-4806884

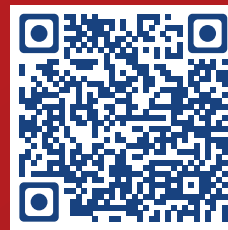
+91 7838141101

Email: [international.office@galgotiasuniversity.edu.in](mailto:international.office@galgotiasuniversity.edu.in)

## Apply Now



## Enquire Now



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