



VGU

DEPARTMENT OF  
**ELECTRICAL  
ENGINEERING**

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

Powering the Nation.  
Engineering the Future.



Electric Engineering

# A MESSAGE FROM **THE LEADERSHIP**

The energy sector is undergoing its most significant transformation in decades. Electric mobility, renewable integration, smart grids, automation, and intelligent energy management are redefining the role of electrical engineers.

At Vivekananda Global University (VGU), our objective is clear: to prepare industry-ready electrical engineers who are competent in fundamentals, adaptable to technological change, and capable of contributing meaningfully to India's energy future.

The Department of Electrical Engineering combines academic rigor, modern exposure, affordability, and personalized mentoring, making it a strong choice for students and parents seeking long-term value rather than short-term branding.

# Strategic Positioning of **Electrical Engineering** at VGU

## Our Philosophy

**We do not attempt to compete with legacy institutions on brand alone. Instead, we focus on:**

- Quality over quantity
- Faculty accessibility over overcrowding
- Curriculum adaptability over rigidity
- Return on investment over marketing hype

This philosophy defines our **Electrical Engineering** program.



# Why Electrical Engineering at VGU ?

## 1. Personalized Academic Ecosystem

- Small, focused batches (40–60 students)
- 12 dedicated faculty members
- High faculty–student engagement
- Continuous academic and career mentoring
- Students are treated as individuals, not roll numbers.

## 2. Industry-Aligned & Future-Focused Orientation

- The program blends strong core electrical engineering with exposure to emerging domains:
  - Electric Vehicle applications
  - Renewable energy systems
  - Smart grids and automation
  - Power electronics, drives, and control systems

This ensures graduates remain relevant, employable, and adaptable in a fast-evolving industry.

## 3. High Return on Investment

- Affordable fee structure compared to major private universities
- Strong placement support
- Skill-driven learning leading to faster career stabilization

VGU delivers quality engineering education without imposing excessive financial burden on families.

## 4. Strategic Location Advantage

- Jaipur: a growing education, infrastructure, and renewable energy hub
- Proximity to EPC firms, power utilities, manufacturing units, and renewable energy companies
- Lower living cost compared to metro cities

# Career-Oriented **SPECIALIZATION EXPOSURE**

From the third year onward, students are encouraged to align **projects, internships, and electives** with one of the following structured focus tracks:

- ➔ **Electric Vehicle & Power Electronics Applications**  
Preparing engineers for the rapidly expanding EV and power electronics ecosystem.
- ➔ **Renewable Energy & Smart Grid Systems**  
Focused on solar, wind, grid integration, smart substations, and energy management.
- ➔ **Industrial Automation & Control**  
Designed for manufacturing, automation, and process industries.
- ➔ **Power Systems Engineering (Core Track)**  
Strong foundation for utilities, EPC projects, PSUs, and higher studies.

*These tracks enable **career clarity while preserving core engineering strength.***

## Our Vision

The Department of Electrical Engineering envisions well rounded development of students so that they can stand to professional and academic competence with positive contribution towards society.

## Our Mission

- Develop life-long learning skills that allow undergraduates to be adaptive and responsive to changes in society, technology and the environment, as well as in career demands.
- To inculcate attitudes for research and developmental activities.
- To promote industry integration with the flow of academic activities.

# ACADEMIC PROGRAMS OFFERED

## Undergraduate Program



## B.Tech in Electrical Engineering | 4 Years

- Power Systems
- Electrical Machines
- Power Electronics
- Control Systems
- High Voltage Engineering
- Electrical Drives
- Renewable Energy Systems

## Postgraduate Program



## M.Tech (Power System)

Advanced training in

- modern grid technologies
- protection
- optimization

# WHY VGU ELECTRICAL ENGINEERING IS A SMART INVESTMENT

Parameter	VGU	Typical Private University
Annual Fee	₹1.5 LPA	₹2.5–3.5 LPA
Batch Size	Small (40–60)	Large (75+)
Faculty Access	High	Limited
Curriculum Flexibility	High	Moderate
Average Starting Package	₹4–5 LPA	₹5–7 LPA
Payback Period	~2 Years	~3–4 Years

## Curriculum Highlights

Foundation



Application



Innovation

### Core Engineering Foundation

- Circuit Theory
- Electrical Machines
- Measurements
- Control Systems

### Power & Energy Focus

- Power Generation
- Transmission & Distribution
- Switchgear & Protection
- High Voltage Engineering
- Renewable & Smart Grid Technologies

### Modern Technologies

- Power Electronics & Drives

### Professional Readiness

- Mini-Projects & Capstone Projects
- Industry internships
- National-level project exhibitions

# OUR FACULTY EXPERTS, MENTORS & INDUSTRY GUIDES

The Department of Electrical Engineering at Vivekananda Global University is supported by a highly qualified, research-oriented, and experienced faculty team actively contributing to teaching, research, innovation, and industry collaboration.

## Faculty Strength at a Glance

Total Faculty Members: **12**

Ph.D. Qualified Faculty: **7**

Average Teaching & Research Experience: **13+ years**



# FACULTY PROFILES



**Dr. Devendra Kumar Doda**  
Associate Professor



**Dr. Asif Iqbal**  
Associate Professor



**Dr. Mohit Sharma**  
Associate Professor



**Dr. Atul Kumar Dadhich**  
Associate Professor



**Dr. Sandeep Kumar Jain**  
Assistant Professor



**Dr. Rahul Mishra**  
Assistant Professor



**Mr. Satish Kumar Jangid**  
Assistant Professor



**Mr. Manish Srivastava**  
Assistant Professor



**Mr. Pradeep Kumar Jangid**  
Assistant Professor



**Mr. Mansingh Meena**  
Assistant Professor



**Ms. Khushboo Sharma**  
Assistant Professor

# FACULTY ACHIEVEMENTS (HIGHLIGHTS)

- Strong research culture with Scopus-indexed publications
- Active participation in patents, funded projects, and conferences
- Faculty involvement in NBA & NAAC accreditation activities
- Leadership roles in innovation, incubation, and industry interface

## Faculty Achievements

The Department of Electrical Engineering at Vivekananda Global University takes pride in the academic, research, and professional achievements of its faculty members, who actively contribute to teaching excellence, innovation, and institutional development.



**Dr. Devendra Kumar Doda**  
Associate Professor

has published six research papers indexed in Scopus during the year 2025, out of which two papers are published in Q2-ranked journals, reflecting strong research contribution and academic excellence.



**Dr. Rahul Mishra**  
Assistant Professor

has been awarded the Doctor of Philosophy (Ph.D.) degree, strengthening the department's research capability and expertise in advanced areas of electrical engineering.

# Laboratories, Innovation & **NATIONAL EXPOSURE**

## Major Laboratories

- Well-equipped core laboratories
- Hands-on learning culture
- Students graduate with practical competence, ethical grounding, and professional confidence.
- National-level project exhibition (NLPE)
- Industry interaction, expert lectures, and outreach programs

## Electrical Machines Laboratory



- Hands-on testing of DC machines, transformers, induction and synchronous machines

# Switchgear & Protection Laboratory



- Circuit breakers, relays, fault analysis, and protection schemes

# Control Systems Laboratory



- PID controllers, stability and response analysis

# Electrical Measurement & Instrumentation Lab



- Calibration and accurate measurement of voltage, current, power, and energy

# Electrical & Electronics Lab



- Fundamental laws, wiring practices, circuit behavior, and safety

# Industry Interaction & **PRACTICAL EXPOSURE**

The department regularly organizes expert lectures, technical sessions, career guidance programs, and industrial visits to enhance industry exposure and practical understanding. These initiatives help students stay updated with current technologies, professional practices, and future career pathways, ensuring the development of competent, skilled, and industry-ready engineers.



# Innovation & **NATIONAL EXPOSURE**

The department annually organizes the National Level Project Exhibition (NLPE), offering a national platform for showcasing innovative hardware models, power and automation projects, and software-based electrical solutions. The event promotes innovation, teamwork, and practical engineering skills among students.



# Career OPPORTUNITIES

**Graduates of Electrical Engineering from VGU are prepared for careers in:**

- Power Generation, Transmission & Distribution Companies
- Renewable Energy Sector
- Electrical Utilities & DISCOMs
- Automation & Manufacturing Industries
- Railways, PSUs, and Government Services
- Smart Grid & Energy Management Firms
- Higher Studies & Research

**Core strengths:** Power systems knowledge, safety awareness, analytical thinking, and practical skills.



# Career Outcomes

# PLACEMENT & RECRUITERS

## Consistent Growth in Placement Performance

Academic Session	Placement Outcome
2023-24	>65%
2024-25	>70%
2025-26	~90%

## Salary Highlights (2025-26)

Highest Package: **₹8.5 LPA**      Average Package: **₹4-5 LPA**

## Our Placement Philosophy

We believe in transparent outcomes, continuous improvement, and long-term career growth rather than inflated claims.

Students are supported to:

- Build strong technical foundations
- Develop industry-ready skills
- Secure roles aligned with their specialization and interests



# Placement Achievement

## Placement Performance (2025-26)

The Department of Electrical Engineering achieved 90% placement of the graduating batch, with students placed across power, renewable energy, EPC, manufacturing, and engineering services sectors. Remaining students opted for higher studies and competitive examinations.

## Key Recruiters

Graduates of the Department of Electrical Engineering have been recruited by leading organizations across power, renewable energy, manufacturing, EPC, and infrastructure sectors, including:



These recruiters reflect the department's strong focus on **power systems, renewable energy, automation, electrical safety, and industry-relevant skills.**

# TOP PLACEMENTS



**Chitra Dhakad**

(M.Tech – Power Systems)

• Placed at



**₹8.5 LPA**



**Peeyush Mathur**

(B.Tech – 2024 Batch)

• Placed at



**₹6.0 LPA**



**Vainkatesh Kumar**

(B.Tech – 2025 Batch)

• Placed at



**₹4.8 LPA**



**Vishal Kumar Ram**

(B.Tech – 2026 Batch)

• Placed at



**₹5.0 LPA**



**Robby Kumar**

(B.Tech – 2026 Batch)

• Placed at



**₹5.0 LPA**



**Prathviraj Bareek**

(B.Tech – 2026 Batch)

• Placed at



**₹5.0 LPA**

# STUDENT & PARENT VOICES



“My academic journey at Vivekananda Global University played a crucial role in shaping my technical knowledge and professional confidence. The strong foundation in power systems, continuous guidance from faculty, and industry-oriented learning environment prepared me to take on real-world engineering challenges. VGU has been instrumental in helping me achieve my career goals.”

— **Chitra Dhakad** (M.Tech – Power Systems)



“Vivekananda Global University has been a transformative journey for me. The supportive faculty, modern infrastructure, and learning-oriented environment helped me grow academically and professionally. The encouragement towards innovation, leadership, and holistic development empowered me to achieve my goals and shape a confident future. I am proud to be a VGUite.”

— **Benjamin Dangmei** (2023 Batch) (B.Tech Electrical Engineering)



“Choosing the right institution for our child was an important decision, and Vivekananda Global University truly met our expectations. The university provides strong academic support while also focusing on the overall development of students. The caring faculty, safe environment, and excellent infrastructure made VGU a second home for our child.”

— **Mr. Dangsinglung Dangmeie**, Parent of **Benjamin BEESGNLP Dangmei**  
(2023 Batch) (B.Tech Electrical Engineering)




# Contact Information

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