

PLACEMENT BROCHURE 2022-2023



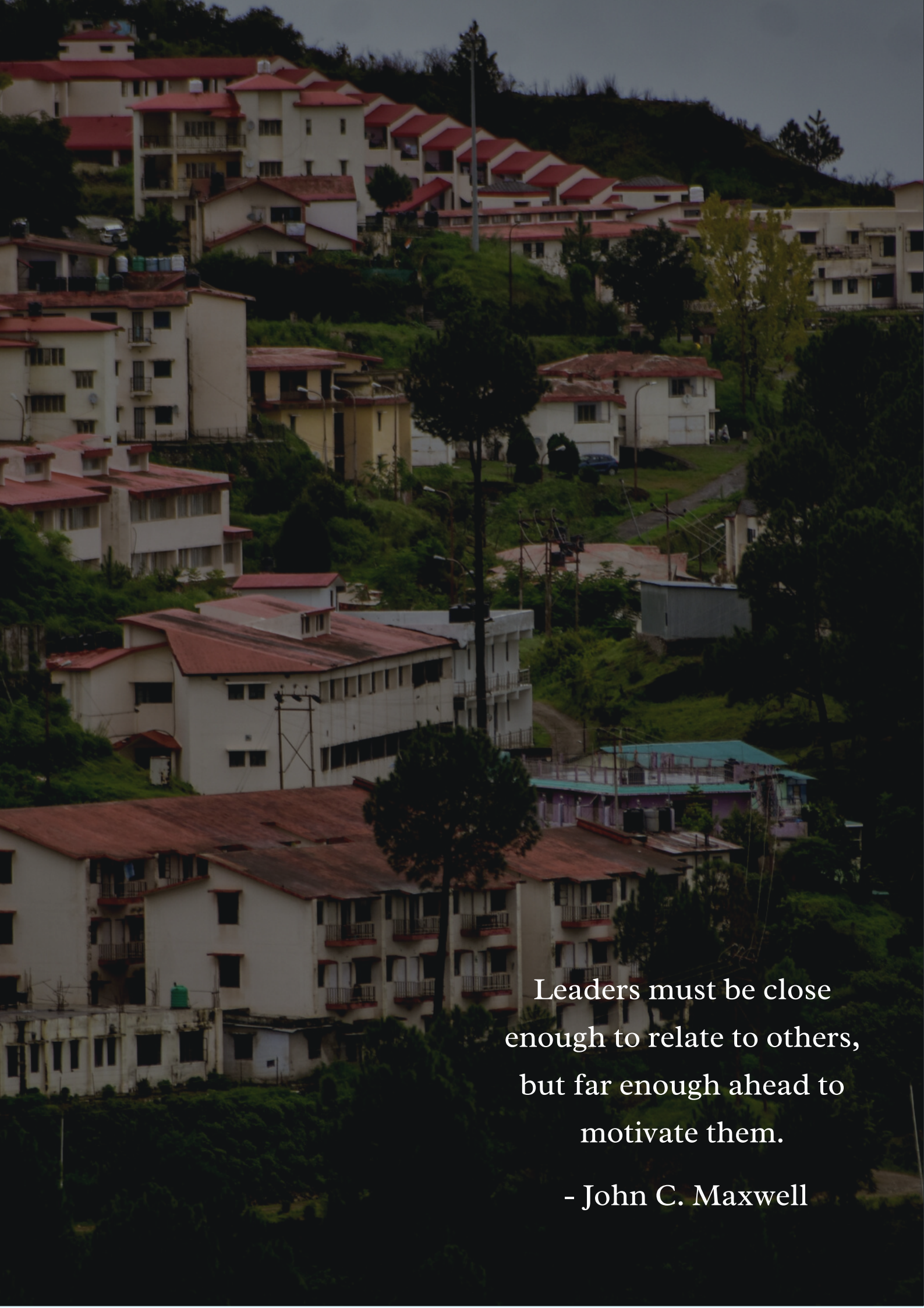
DEPARTMENT OF ELECTRICAL ENGINEERING



GOVIND BALLABH PANT INSTITUTE OF ENGINEERING AND
TECHNOLOGY, PAURI GARHWAL – UTTARAKHAND

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Leaders must be close
enough to relate to others,
but far enough ahead to
motivate them.

- John C. Maxwell



DR. Y. SINGH
Director

Director's Message

Dear Recruiter,

Right since its inception in 1989, G.B. Pant Institute of Engineering & Technology (formerly G.B Pant Engineering College) has been catering to the needs of the students who want to excel in the field of technology and make a career out of it. The college has been constantly and consistently trying its best to keep in pace with the ever changing demands of industry and making inspiring strides for the same.

This prestigious college has already marked its presence as a leading research and teaching college in the country. Its strengths and standings are best evidenced by the high quality of the students admitted in various programs and well qualified faculty. It is with great pleasure that I invite and welcome all the esteemed organizations that are looking forward to recruit young, talented minds from our campus. I hope that you will find efficient, confident students who are well suited to your placement requirements.

Looking forward to a long lasting relationship with your organization.

HOD's Message



Dear Recruiter,

It gives me immense pleasure to lead the department of Electrical Engineering. Our college is one of the premium institutes, unique like a prism reflecting the manifold shades of learning and co-curricular activities.

The very motto of our department is to provide quality education in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capabilities, besides carrier. Hence on behalf of our Department, I welcome you all to EED, GBPIET. Along with academic knowledge, EED also trains its Engineers to face the challenges in life by providing many value added courses to enhance their career prospects. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with Training and Placement Cell ensure a bright future to its students. Thus, we are confident that our engineers will emerge as asset not only to this institution and to the organization they belong, but also to the country at large.

I congratulate the team of faculty members and students for their brilliant and original efforts. I wish all the students and faculty to great academic career.

DR. VISHNU MOHAN MISHRA

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T&P Officer's Message

Dear Recruiter,

GBPIET is one of the premier colleges imparting technical education in the state of Uttarakhand & INDIA. The mission of GBPIET is to be at the forefront of technology producing global quality engineering professionals in the service of the nation and to excel in various aspects of technical education. With the support of highly qualified faculty members and excellent infrastructure we have been playing our role to add the intellectuality and professionalism for the development of the country. The College is committed to equity and promoting talent without any prejudice.

The Training and Placement office cordially invites and welcomes all the esteemed companies that are eager to recruit from our college. The training and placement cell ensures that the entire recruitment process is smooth and comfortable both for the organization and our students. We have all the necessary arrangements to support every domain of the recruitment process. We are confident that you will find apt arrangements meeting your requirements and hope that this placement process will lay down the foundation for a long relationship.

We ensure our student will be asset to your esteemed organization.

THE INSTITUTE

Govind Ballabh Pant Institute of Engineering & Technology, Pauri is an Institute with total commitment to quality and excellence in academic pursuits. The College was established in 1989, as an autonomous body, with a view to fulfil the ever-growing demand for well-trained professionals. It is one of the few premier colleges imparting technical education in the state of Uttarakhand.

The Institute is a fully residential leading institution of the State, offering degree courses in highly sought-after disciplines of Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Production Engineering, Civil Engineering and Biotechnology. The College also offers Masters degree course and Ph.D program in all the disciplines. The Institute has a very progressive policy towards extending all possible facilities to its faculty members to acquire higher degrees and receive advanced training. As a result, majority of the faculty members possess Ph.D. degrees. The entire campus is networked with 20 Mbps lease lines.

MISSION

To produce quality manpower equipped with such human and social values.

- To provide best facilities infrastructure and conducive environment to the student researchers, staff and faculty members for high quality education and research across all the disciplines.
- Integrating excellent technical skills leadership, creativity and innovation for the benefit of mankind.
- Promote quality research and education across all discipline in the respective emerging areas for sustainable development of nations, state and society.

VISION

To pivot for excellence in technical education and producing globally competent professionals by building the strong teaching-learning and research environment

DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT US

The Department started B.E. program in Electrical Engineering in 1997. It is envisaged to prepare Electrical Engineering graduates with adequate information on large-scale systems simulation and analysis tools, design capabilities and conceptual background for handling industrial process, embedded instrumentation and control strategies. The department, well equipped with the latest technical infrastructure, advanced lab facilities, simulation & synthesis tools, emphasizes upon various core courses and research oriented projects to provide the best of technical education. The department has introduced specialized subjects like Power Plant Engineering to meet the present industrial demands.

ACADEMIC PROGRAMMES

The department offers the following academic programs :

- Bachelor of Technology in Electrical Engineering (4 year course):
Admission made through the Joint Entrance Examination (JEE).
- Master of Technology in Power System (2 year course):
Admission made on the basis of GATE score.

MISSION

- To build a strong research and teaching-learning environment that responds swiftly to the challenges of electrical engineering.
- To provide best facilities, infrastructure and conducive environment to the students, researchers and faculty members for the high quality education and research in the field of Electrical Engineering.

VISION

"To produce globally competent professionals addressing the challenges in the field of Electrical Engineering for the Sustainable Socio-Economic Development"

UNDERGRADUATE PROGRAMME

CORE

- Electrical Circuit Analysis
- Electromagnetic Field
- Analog Electronics
- Electric Machine-I
- Electrical Machine-II
- Microprocessor
- Engineering Mechanics
- Signals and Systems
- Control System
- Digital Electronics
- Power Electronics
- Measurement & Instrumentation
- Power System-I (Apparatus & Modelling)
- Power System-II (Operation & Control)

PROGRAMME ELECTIVES

- Electric Machine
- Electrical Energy Conservation and Auditing
- High Voltage Engineering
- Electromagnetic Waves
- Line Commutated and Active Rectifiers
- Electrical Drives
- Industrial Electrical Systems
- Digital Control Systems
- Digital Signal Processing
- Computer Architecture
- Computational Electromagnetics
- Control Systems Design
- Wind and Solar Energy Systems
- Electrical and Hybrid Vehicles
- Power System Protection
- Intelligent Systems
- HVDC Transmission Systems
- Power Quality and FACTS
- Power System Dynamics and Control
- Machine Modelling

POSTGRADUATE PROGRAMME

CORE

- Power System Analysis
- Power System Dynamics-1
- Research Methodology and IPR
- Digital Protection of Power System
- Power System Dynamics-2

PROGRAMME ELECTIVE

- Renewable Energy System
- Smart Grids
- High Power Converters
- Wind and Solar Systems
- Electrical Power Distribution System
- Mathematical Method for Power Engineering
- Pulse Width Modulation for PE Converters
- Electric and Hybrid Vehicles
- Restructured Power System
- Advanced Digital Signal Processing
- Dynamic of Electrical Machines
- Power Apparatus Design
- Advanced Micro-controlled Based Systems.
- SCADA System and Applications
- Power Quality
- AI Techniques
- Power System Transients
- FACTS and Custom Power Devices
- Industrial Load Modelling and control
- Dynamics of Linear Systems
- Business Analytics
- Industrial Safety
- Operations Research
- Cost Management of Engineering Projects
- Composite Materials
- Waste to Energy

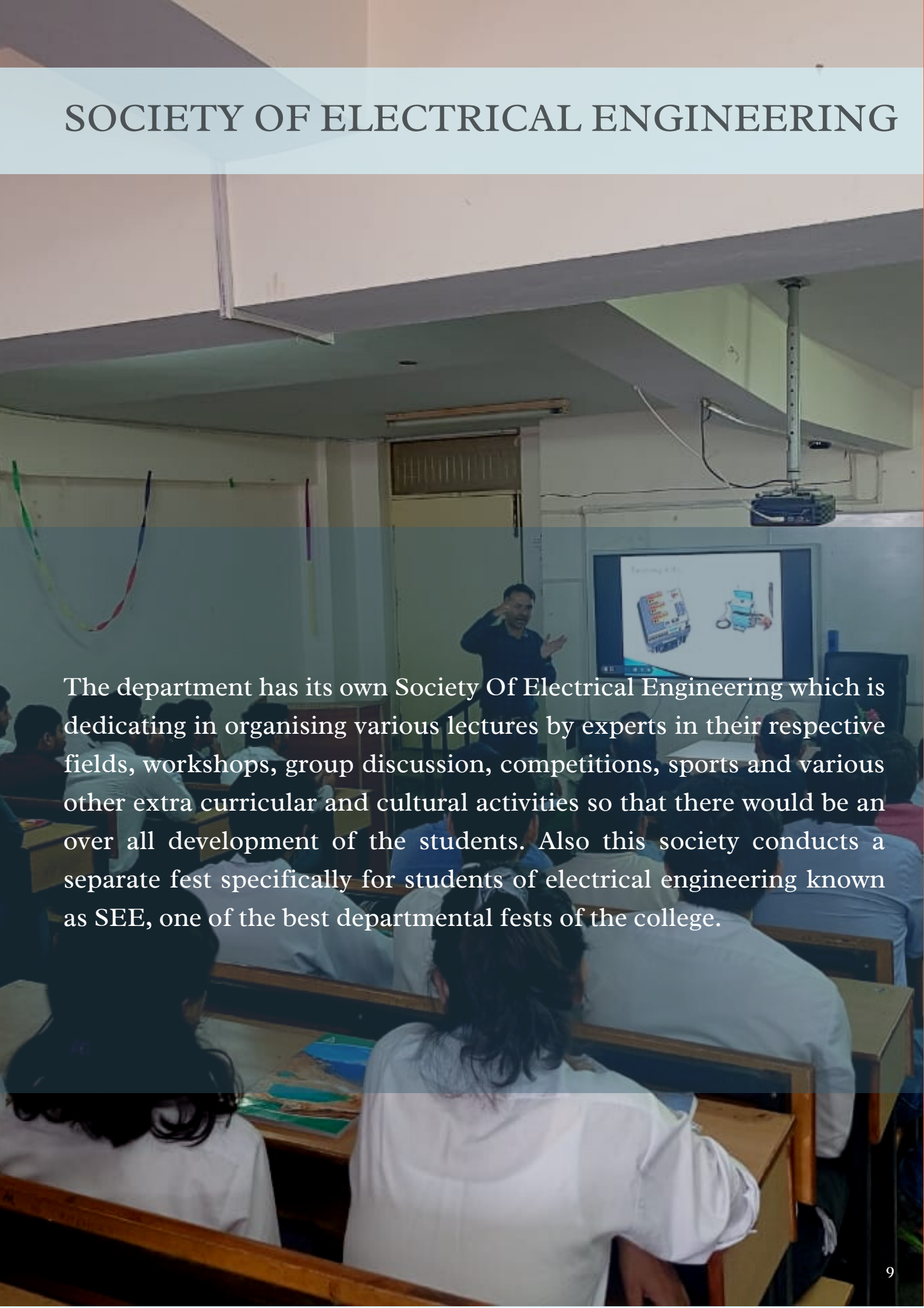


ELECTRICAL ENGINEERING FACILITIES

LABORATORIES

- Basic Electrical Engineering Lab
- Network Analysis & Synthesis Lab
- Simulation Lab
- Electrical Machine-I Lab
- Digital Electronics Lab
- Micro Processor Lab
- Control System Lab
- DSP Lab
- Power Electronics Lab
- Power System Lab
- Switch Gear And Protection Lab
- Electric Drives Lab
- Instrumentation Lab
- Project Lab
- Electronics Design Lab

SOCIETY OF ELECTRICAL ENGINEERING



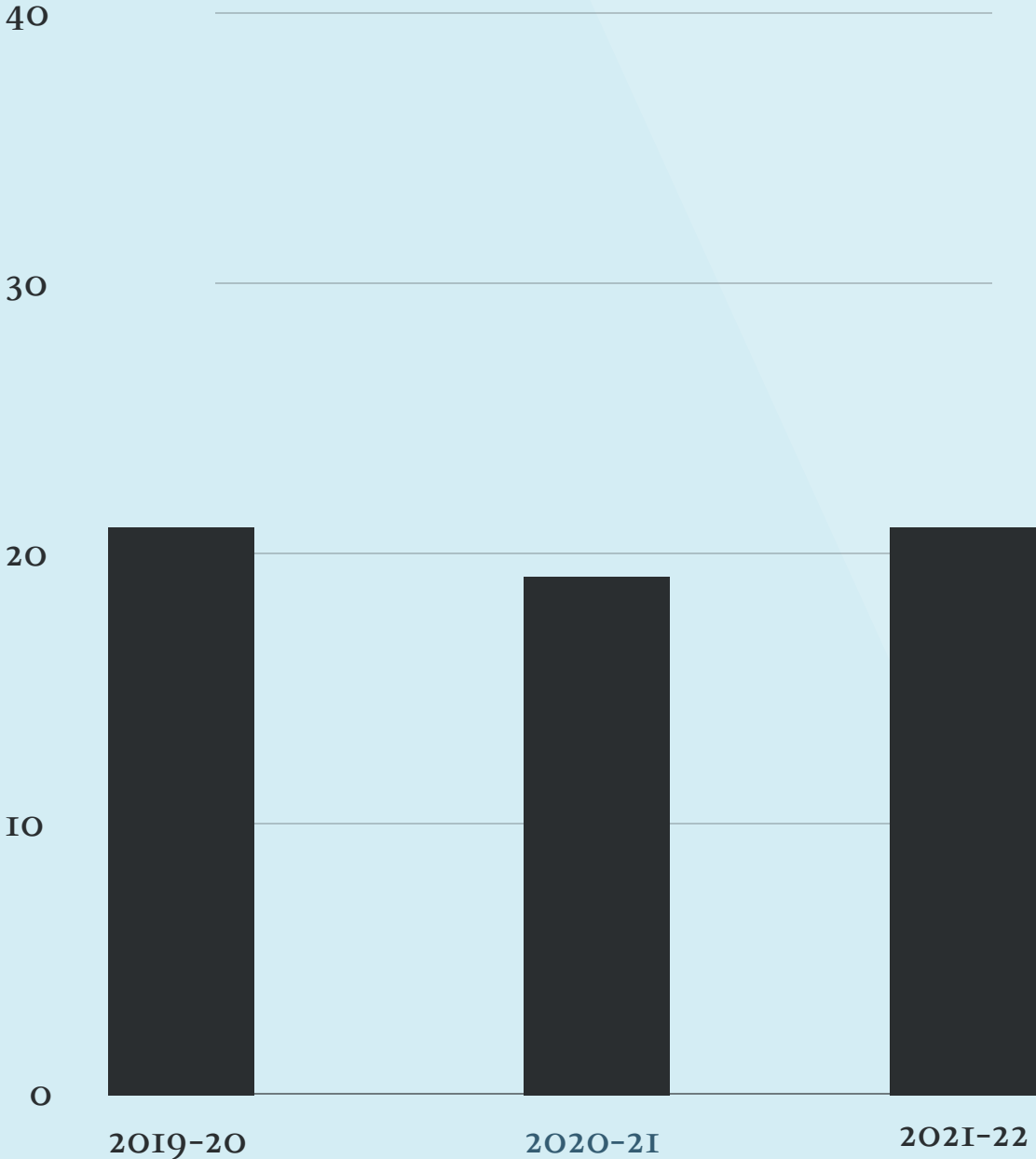
The department has its own Society Of Electrical Engineering which is dedicating in organising various lectures by experts in their respective fields, workshops, group discussion, competitions, sports and various other extra curricular and cultural activities so that there would be an over all development of the students. Also this society conducts a separate fest specifically for students of electrical engineering known as SEE, one of the best departmental fests of the college.



DEPARTMENT ACADEMIC PROFILE

Year Started	1997
Total Faculty	13
Number of Professors	4
Number of Associate Professors	1
Number of Assistant Professors	8
Number of Faculty Members with PhD	7
Number of published papers in SCI journals	73
Published papers in SCOPUS journals	37
Published papers in other referred journals	40
Published papers in conference proceedings + book chapter	III
Number of patents Published/Granted	03
NBA ACCREDITATION	2006 - 2009 (Applied in 2022)

PAST 3 YEARS PLACEMENT RECORD



PAST RECRUITERS



उत्तराखण्ड पावर
कारपोरेशन लि०



टीएचडीसी इंडिया लिमिटेड
THDC INDIA LIMITED

Infosys®



UJVNL

BSES
BSES Rajdhani Power Ltd.



wipro



Mahindra

HCL



XENONSTACK
A Stack Innovator



ASHOK LEYLAND

Capgemini

ILLUSTRIOUS ALUMNI



ARUSHI RAWAT
IRSEE MINISTRY OF
RAILWAYS



SURAJ SINGH MEHTA
SENIOR ENGINEER
AT THDC INDIA LTD.



JATIN SINGH SAINI
EXECUTIVE ENGINEER
AT UJVNL



ADITYA KHATI
SENIOR ENGINEER
AT BHEL



ANUJA FERTIYAL
MANAGER AT
BSES YAMUNA POWER LTD.



REKHA DANGWAL
EXECUTIVE ENGINEER
AT UJVNL



SAURABH GHILDIYAL
JUNIOR ENGINEER
AT NORTHERN RAILWAY



ARCHIT BHATT
ASSISTANT ENGINEER
AT UPCL



NIDHI KALONI
ELECTRICAL ENGINEER
AT NHPC

CAMPUS ACTIVITIES

GBPIET is an institute full of enthusiasm amongst students towards the activities that happen in this college life. It is an institute well endowed with great infrastructure & various group like E-cell, Robotics club & Abhivyakti, SAC, SEE, CCE, SAE, Aakar, coding clubs, TSR, E-tron.

GOONJ

It is a 3-Day annual cultural fest full of events like arts, literary, music & dance events & what not.



JOSH

3-Day annual sports festival which endows a lot of energy amongst students to participate in various sports & events which are both outdoor & Indoors.

SPANDAN

It is an annual tech fest held in GBPIET in which students branch wise participate in various tech based projects & competition like Robosoccer, CSGO, Hilly Billy etc.



DEPARTMENT ACTIVITIES

The Electrical Department of GBPIET is full of events that happens along with the college curriculum under various Societies that have been formed considering the betterment of future electrical engineers

IEEE

Institute of Electrical and Electronics Engineers Under this various seminars and technical programs are organised by our department that include guest speakers who share their experiences regarding the various platforms and applications included in electrical engineering.



SEE

It is a society comprising of all the students of our department that actively participate in various cultural and technical events that take place under this like quizzes, Interaction, Presentations,etc

E-TRON

It is a society of Electrical engineers who put their heart and soul in shaping an Electric ATV that competes with various colleges in E-BAJA event organised by SAE India



PLACEMENT TEAM



DEPARTMENT T&P OFFICER
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INSTITUTE T&P OFFICER
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