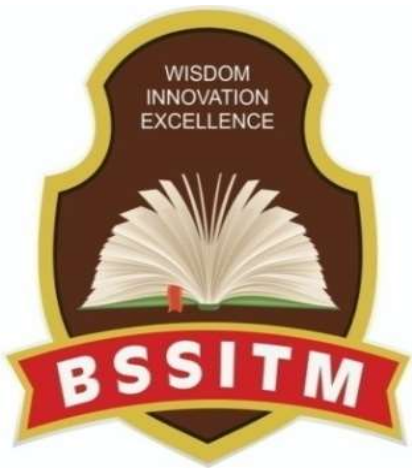


**BABU SUNDER SINGH INSTITUTE OF
TECHNOLOGY & MANAGEMENT
(DEPARTMENT OF ELECTRICAL
ENGINEERING)**

AKTU 648

BTE2289



We are....

डा० ए०पी०जे० अब्दुल कलाम प्राविधिक विश्वविद्यालय, उत्तर प्रदेश, लखनऊ
Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow
(Formerly Uttar Pradesh Technical University)



BOARD OF TECHNICAL EDUCATION
UTTAR PRADESH LUCKNOW



Approved by

AICTE (ALL INDIA COUNCIL OF
TECHNICAL EDUCATION)



Affiliated To

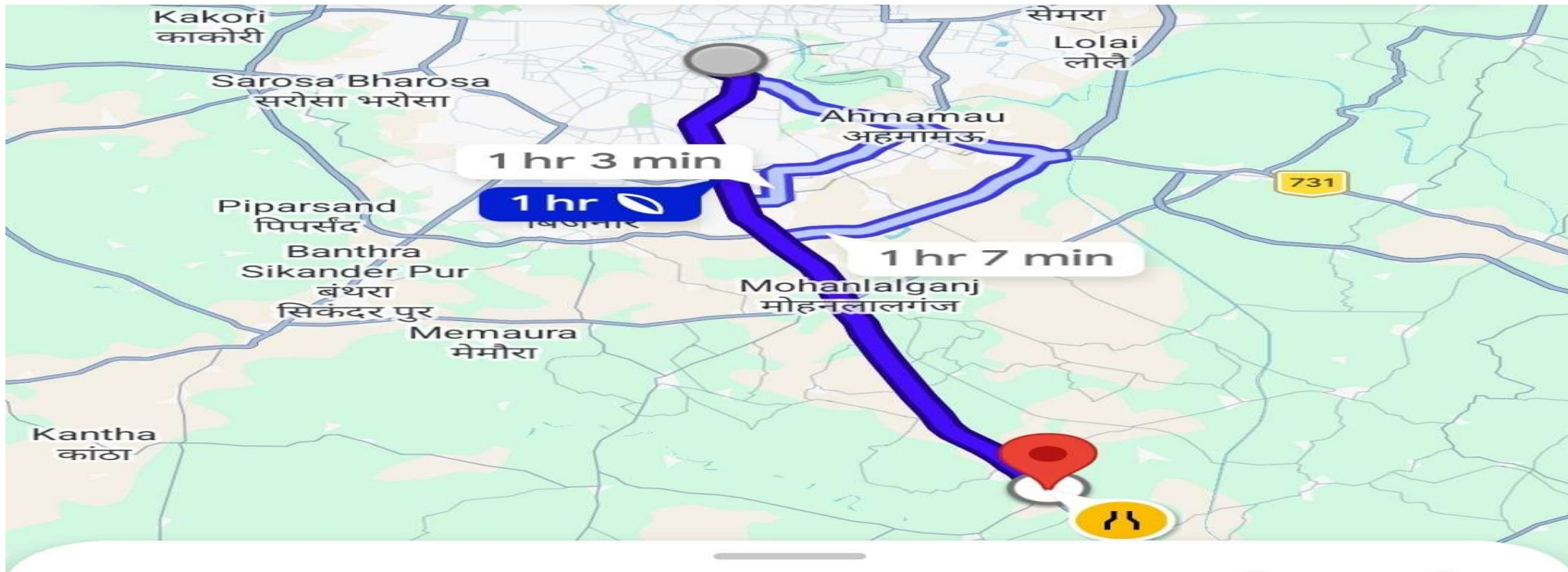
AKTU (Dr. A.P.J. Abdul Kalam Technical
University, Lucknow)

Board of Technical Education Uttar
Pradesh



How to reach BSSITM?

 N.H-24 B Raebareli Road, Nigohan, Lucknow, Uttar Pradesh(227309)



**Babu Sunder Singh Institute Of
Technology And Management**

बाबू सुंदर सिंह इंस्टिट्यूट ऑफ़ टेक्नोलॉजी एंड
मैनेजमेंट



OUR INSPIRATION



Late. Shri Babu Sunder Singh ji
(14.09.1933 – 18.06.2001)

He understood the value of education and coaxed everyone to receive proper education. Our efforts in the laying foundation of “Babu Sunder Singh Institute of Technology and Management” is a continuation of his dream and vision.

OUR PILLARS



Er. Anand Shekhar Singh
(Chairman)



Mrs. Rina Singh
(Chairperson)

CHAIRMAN'S MESSAGE

At BSSITM, Lucknow, our Electrical Engineering department is dedicated to shaping the next generation of technical leaders. In an era defined by rapid advancements in renewable energy, smart automation, and power systems, we provide an ecosystem that fosters both innovation and practical expertise. Our goal is to empower students with the analytical tools and ethical foundation required to solve complex global challenges.

I invite you to harness your potential, embrace the spirit of inquiry, and drive the transition toward a sustainable future. Together, let's power a world of endless possibilities.

Warm Regards,

Er. Anand Shekhar Singh

Chairman *BSSGI, Lucknow*



CHAIRPERSON'S MESSAGE



At BSSITM, Lucknow, the Electrical Engineering department stands as a cornerstone of technical brilliance and industrial evolution. Our mission is to nurture engineers who are not just academically sound but are pioneers of the global energy revolution. By blending rigorous theory with hands-on expertise in smart grids, renewable energy, and automation, we ensure our students lead the charge in innovation.

I encourage you to embrace every challenge as an opportunity to power progress. Together, let's illuminate a sustainable future through excellence, discipline, and visionary engineering.

Warm Regards,

Mrs. Rina Singh

Chairperson BSSGI, Lucknow

DIRECTOR GENERAL'S MESSAGE

As the backbone of modern technology, Electrical Engineering at **Babu Sunder Singh Group of Institutions** is designed to power the future. Our mission is to produce engineers who are not only technically sound but are also innovators in sustainable energy, smart grids, and automation.

We focus on a perfect blend of theoretical depth and hands-on laboratory experience, ensuring our students master the complexities of power systems and electronics. At BSSGI, we empower you to drive the next industrial revolution with ethics and excellence. Join us to illuminate your path to a brilliant career.

Warm Regards,

Prof. (Dr.) Karunakar Singh

Director General BSSGI, Lucknow



DIRECTOR'S MESSAGE

The Department of Electrical Engineering at **Babu Sunder Singh Institute of Technology & Management (BSSITM)** is dedicated to excellence in technical education and research. Electrical Engineering is the lifeblood of modern civilization, and our goal is to prepare students for the dynamic challenges of power systems, renewable energy, and automation.

We provide a rigorous academic environment supported by advanced laboratories and industry-linked projects. Our focus remains on bridging the gap between classroom learning and real-world application, ensuring our graduates are prepared for global careers. We invite you to be part of a department where innovation meets power.

Warm Regards,
Prof. (Dr.) R. S Mishra
Director BSSITM, Lucknow



DEAN ACADEMIC'S MESSAGE

At BSSITM, our academic framework for Electrical Engineering is designed to balance foundational principles with cutting-edge technological advancements. We prioritize a curriculum that evolves alongside industry needs, emphasizing core areas like Power Electronics, Control Systems, and Green Energy.

Our mission is to foster a culture of "Applied Learning," where students transition from theoretical concepts to solving real-world engineering challenges. By integrating rigorous classroom instruction with intensive laboratory work and industry internships, we ensure our graduates possess the analytical depth and practical skills required for global success. We are dedicated to nurturing disciplined, innovative engineers ready to power tomorrow's world.

Best Wishes,
Dr. Amit Kumar Srivastava
Dean (Academics)
BSSITM, Lucknow



DEAN STUDENT WELFARE MESSAGE

At BSSITM, we are committed to the holistic development of our Electrical Engineering students. Beyond academic excellence, our focus remains on nurturing innovation, ethical leadership, and technical proficiency. The DSW office ensures a supportive ecosystem where students can engage in high-tech workshops, industrial collaborations, and vibrant extracurricular activities.

We strive to provide a safe, inclusive environment that empowers our engineers to tackle global energy challenges. We welcome the new cohort to a journey of transformation, ensuring they graduate not just as skilled professionals, but as responsible citizens ready to power the future.

Best Wishes,
Mr. Vishwajeet Yadav
Dean (Student's Welfare)
BSSITM, Lucknow



HEAD OF DEPARTMENT'S MESSAGE

Welcome to the Department of Electrical Engineering at **BSSITM**. Our department stands as a center of excellence, dedicated to nurturing the next generation of engineers who will drive the global energy transition. We take pride in a curriculum that balances classical electrical theory with modern applications in **Power Systems, Robotics, and Renewable Energy**.

Our primary focus is on "Innovation through Practice." With well-equipped laboratories and a faculty committed to mentorship, we encourage our students to look beyond textbooks and engage in hands-on problem-solving. We strive to create an environment where curiosity meets technical discipline, ensuring our graduates are not just employees, but leaders and innovators in the electrical industry.

I invite you to explore our department and join us in our mission to power a sustainable and technologically advanced future.

Warm Regards,
Mr. Prashant Pandey
Head of Department
Electrical Engineering, BSSITM



FACULTY OF ELECTRICAL ENGINEERING



Er. Neeta Yadav
Assistant Professor
19 years Teaching experience



Er. Saurabh Bajpai
Assistant Professor
17 years Teaching Experience



Er. Ramesh Kumar
Assistant Professor
6 years Teaching Experience



Dr. Rajendra Prasad Rao
Associate Professor
3 years Teaching Experience



Er. Amit Kumar Verma
Assistant Professor
3 years Teaching Experience



Mr. Priyanshu Pandey
Lecturer
3 year Teaching Experience

WHAT IS AN ELECTRICAL ENGINEERING?

- At its heart, Electrical Engineering is the art and science of harnessing electricity to power our world and improve lives.
- It's not just about wires and circuits; it's about creating the energy that lights our homes, the intelligence behind robotics, and the sustainable systems that protect our planet.



Key Areas of Focus:

- **Renewable Energy:** Capturing power from the sun, wind, and water to create a greener future.
- **Power Systems:** Managing the complex networks that deliver electricity safely and efficiently.
- **Robotics & Automation:** Designing "smart" machines that can perform tasks with precision.
- **Electronics:** Developing the hardware that drives communication, healthcare, and entertainment.

THE FUTURE IS ELECTRIC:
WHERE CAN YOUR EE DEGREE TAKE
YOU?

- Public Sector's (PSUs)**
- NTPC, PGCIL, BHEL, ISRO
- Gate Score Required
- High security and Perks

- Engineering services**
- UPSC Exam
- Class 1 Gazetted officers
- Railways, CPWD, MES

- Private Core Industry**
- L&T, Siemens, ABB
- Power, Manufacturing
- Design & Maintenance

B.Tech Electrical Graduate

- Defense Services**
- Indian Army/Navy/Air Force
- Technical Graduate Course (TGC), AFCAT, or CDS

- HIGHER STUDIES**
- M.Tech (Specialization)
- MBA (Management)
- MS (Master of Science) via GRE/IELTS

- IT & SOFTWARE**
- TCS, HCL, Google
- Software developer, AI, IOT
- High Growth Potential

- Emerging Technologies**
- EV Design, Solar Tech
- Sustainable energy
- Future proof career

Higher Studies

- Direct 2nd year admission in B.Tech

Junior Engineer (JE): PSUs

- SSC JE
- State JE, RRB

Self-Employment & Contracting

- Electrical Contractor License
- Repair
- Startup

Diploma in Electrical Engineering

Private Sector: Technician & Supervisor

- Manufacturing, Power Plant, Maintenance
- Quick Growth, hand-on roll

Emerging Tech (EV & Solar)

- Solar Technician
- EV : Maintenance
- Tech support

Technical Sales and Marketing

- Electrical equipment
- Industrial goods
- Communication product knowledge

PROGRAMS OFFERED

UNDERGRADUATE PROGRAM(648)

- **Bachelor of Technology (B.Tech) in Electrical Engineering – Duration 4 Years**



POLYTECHNIC (2289)

- **Diploma in Electrical Engineering (EE)- Duration 3 years**



WE OFFER DUAL DEGREE PROGRAM

If a student is taking admission in Electrical Engineering and completed the basic requirements of minor degree in Data Science then the degree is awarded as

S. No.	name of Minor Degree	Streams/Branches of B.Tech. Program whose students are eligible to opt for the Minor degree
1.	Artificial Intelligence and Machine Learning	ALL Branches except CSE and EC related branches
2.	Data Science	ALL Branches except CSE and EC related branches
3.	Internet of Things	ALL Branches except CSE and EC related branches
4.	Green Technology and Sustainability Engineering	ALL Branches except Civil and Chemical related branches
5.	Waste Technology	ALL Branches except Chemical Engg related branches
6.	Energy Engineering	ALL Branches except Mechanical Engg
7.	Robotics	ALL Branches except Mechanical, Electronics and Electrical Engineering related branches
8.	Electric Vehicles	ALL Branches except Mechanical and Electrical Engg related branches
9.	Universal Human Values	ALL branches
10.	Project Management	ALL branches

B.Tech in Electrical Engineering with Minor Degree in Data Science (Allied to CS)

Vision & Mission Of the Department of Electrical Engineering

Vision of Department Of Electrical Engineering

To establish a distinguished department producing electrical engineering professionals who serve society and industries with innovative skills, ethical values, and a strong entrepreneurial spirit.

Mission of Department Of Electrical Engineering

- M1 - Empower students in Electrical Engineering with innovative skills and leadership qualities.
- M2 - Enlighten students with entrepreneurial skills, readying them to contribute to industrial development.
- M3 - Provide students with updated technological knowledge while instilling moral and ethical values for societal and national betterment.

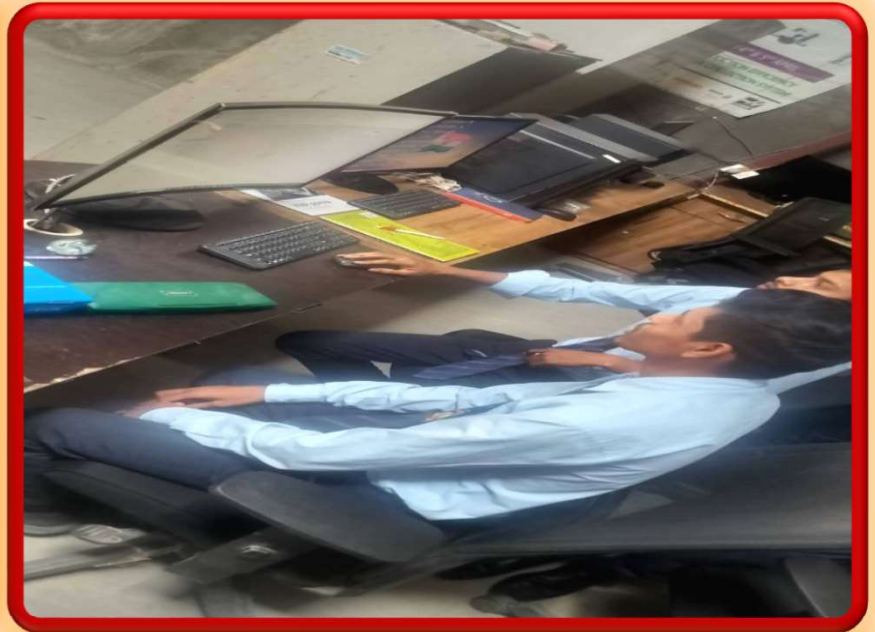
SEAT INTAKE IN DEPARTMENT OF ELECTRICAL ENGINEERING

- Bachelor of Technology (B.Tech) in Electrical Engineering – 30
- Diploma in Electrical Engineering (EE)- 60

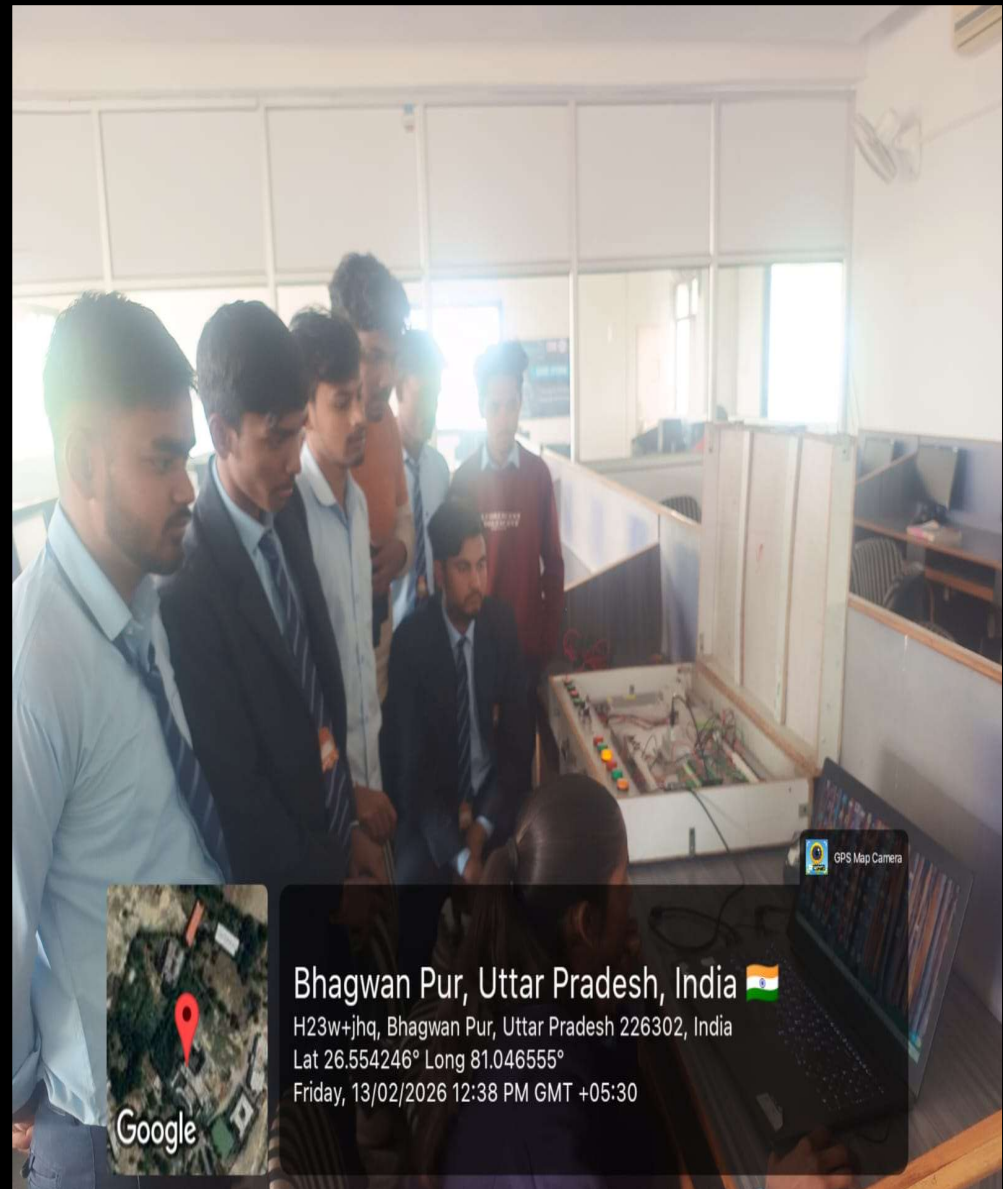
ACADEMIC LABORATORIES

- Basic Electrical Engineering Lab
- Electrical Machines Lab
- Electrical Measurement & Instrumentation Lab
- Network Analysis and Synthesis Lab
- Control Systems Lab
- Power Systems Lab
- Power Electronics Lab
- Microprocessor & Microcontroller Lab
- Analog Electronics Lab
- Digital Electronics Lab
- Electrical Simulation Lab (MATLAB/Pspice)
- Industrial Automation & PLC Lab

LAB ACTIVITIES



PLC WORKSHOP BY OUR EXPERT



TECHNICAL LABS & COMPETITION



TECHNICAL LABS & COMPETITION



POSTER PRESENTATION COMPETITION

Department of Electrical Engineering Poster Presentation Competition



NEW IDEA PRESENTATION



INDUSTRIAL VISIT

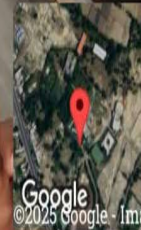
INDUSTRIAL VISIT



MINI PROJECT PRESENTATION



GLIMPSE OF GROUP DISCUSSION



Bhagwan Pur, Uttar Pradesh, India
H23w+jhq, Bhagwan Pur, Uttar Pradesh 226302, India
Lat 26.553908° Long 81.046632°
11/04/2025 02:22 PM GMT +05:30



DEPARTMENTAL QUIZ COMPETITION



SPEECH COMPETITION



WORKSHOP ON CYBER SECURITY AND ITS RELEVANCE IN ELECTRICAL ENGG.

The Department of Electrical Engineering in collaboration with Tech-Mech Institute of Advance Technology has successfully organized an enlightening workshop on “Introduction to Cyber Security and its Relevance to Electrical Engineering



SOME OTHER ACHIEVEMENTS



URJA SANGAM

THE RURAL TECHNICAL FESTIVAL
URJOTSAV '25
12 - 13 NOV 2025

CERTIFICATE OF ACHIEVEMENT

This is to certify that
Rahul Kumar (B.Sc STM)
has secured the IIIrd position in R.C. Cars
during Urjotsav'25 at Rajiv Gandhi Institute of Petroleum Technology, Amethi
(An Institution of National Importance) on 12th-13th November 2023.

Your outstanding performance and dedication have been recognized, and
congratulate you on this remarkable achievement.

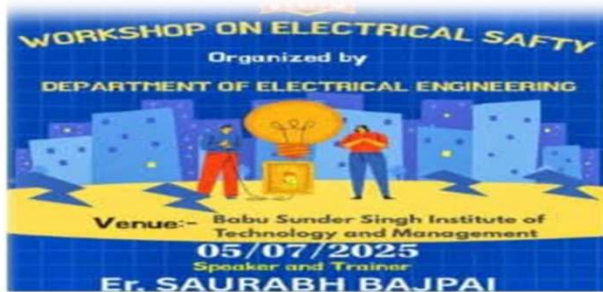
DR. DEBASHIS PANDA
Dean, Students' Affairs

DR. KARAN MALIK
Convenor, S&T Council

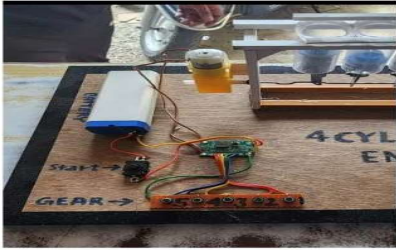
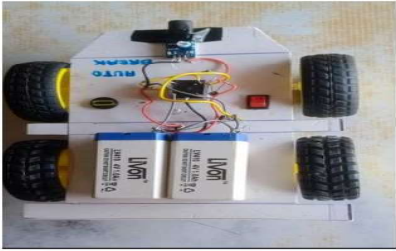
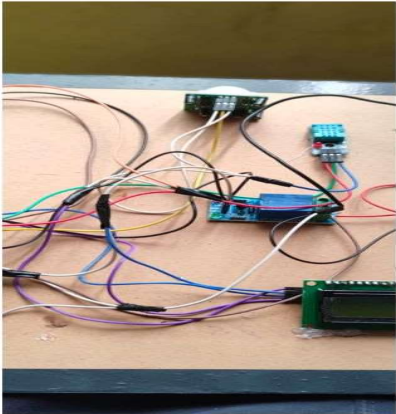
MR. APURV GUPTA
Secretary, S&T Council



ELECTRICAL SAFETY TRAINING



CIRCUIT DESIGN COMPETITION



CELEBRATION OF GANDHI JAYANTI



CLEAN EARTH



NO GARBAGE



PLANT





Plantation





ELECTRICAL ENGINEERING IN IIC

INNOVATION AMBASSADOR



Er. Ramesh Kumar

INNOVATION AMBASSADOR UNDERGOING

Er. Amit Kumar Verma

Mr. Priyanshu Pandey

Er. Neeta Yadav

Er. Prashant Pandey

COLLABORATIONS AND PARTNERSHIPS

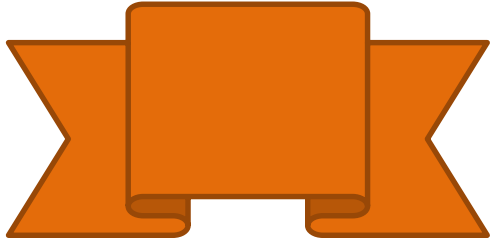
- MoU was signed between BSSITM, Lucknow and Limkokwing University of Creative Technology, Cyberjaya, Malaysia to boost the Research and Development programs.



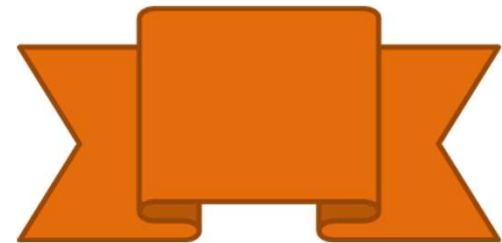
THE MOU BETWEEN NIZHNY NOVGOROD STATE PEDAGOGICAL UNIVERSITY (RUSSIA) AND BSSGI

- The MOU was signed between Nizhny Novgorod State Pedagogical University (Russia) and BSSGI, marking a new chapter of academic collaboration, student exchange, and joint research initiatives.
- Russian language training program was conducted at BSSGI to bridge the cultural gap between India and Russia and to pave the way for research development.
- Russian language instructor and mentor ***Prof. Shmeleva Natalia Vladimirova*** has provided unwavering support to this institute





**Moving Towards
the Academic
Excellence of
our students**



TOPPERS OF 2024-25

Babu sunder Singh Institute of
Technology and Management



Congratulations Toppers
B.Tech. 8th semester EE Branch

Congratulations



**Manish
kumar**
1st (82%)



**Akash
deep**
2nd (81%)



**Pradduman
yadav**
3rd (80%)

TOPPERS OF 2025-26

Babu Sundar Singh Institute of Technology & Management, Nigoha, Lucknow

Department of Electrical Engineering

**CELEBRATING OUR
Electrical 2nd Year
TOPPERS!**

CONGRATULATIONS



RANK 1
(Shalini Yadav)
SGPA 7.8



RANK 2
(Aman Kumar)
SGPA 7.26



RANK 3
(Vikas)
SGPA 6.4



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Babu Sunder Singh Institute of
Technology and Management Lucknow

CONGRATULATIONS!

Our Topper Performers in
Electrical Engineering Department
For Fifth Semester Result



**Praveen Kumar
Shukla**
SGPA: 7.13
RANK 2



Ankit Kumar
SGPA: 7.84
NK 1



**Surya Prakash
Pandey**
SGPA: 7.26
RANK 3



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TOPPERS OF FINAL YEAR 2025-26



**Babu Sunder Singh Institute of
Technology and Management
Lucknow**

CONGRATULATES

Topper Performers in
Electrical Engineering Department
For Seventh Semester Result




Kaushiki Rai
RANK 1 SGPA: 9.21

1


Amit Sahani
RANK 2 SGPA: 8.89


Gautam Prasad Patel
RANK 3 SGPA: 8.89

2

3

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PLACEMENT GLANCE IN ELECTRICAL ENGINEERING



SALMAN KHAN

AG COMPANY HMEL REFINERY
₹ 5.5 LPA



JAYVIKRANT
PROJECT TECHNICIAN
SSPL
₹ 4 LPA



PARMESHWAR CHAND GOND
MANAGER
LOGUS PVT. LTD
₹ 3.5 LPA



ANKUSH
EXECUTIVE PLANNING PROCUBMENT
ELECTROMECH INFRA PROJECT P. LTD.
₹ 3.2 LPA



SUDHEER KUMAR
TECHNICIAN
ABHIJAY CONS. COM.
₹ 3 LPA



RATNESH KUMAR BIND
JUNIOR OPRATOR
GEAL PVT. LTD.
₹ 3 LPA



PRAVEEN SHUKLA
DET
MAXTHERM BOILERS PVT. LTD
₹ 3 LPA



HARSH TIWARI
TRAINEE
GK WINDING WIRES LTD
₹ 3 LPA



AASHISH KUMAR
TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



PANKAJ KUMAR
TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



HIMANSHU SHARMA
TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



AYUSH SHARMA
TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



ANURAG KUMAR
TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



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TRAINEE
KRISHNA MARUTI LTD.
₹ 2.5 LPA



GOVIND KUMAR
TRAINEE
KRISHNA MARUTI LTD
₹ 2.5 LPA



JAY SINGH VERMA
OPRATOR
DUTH TRANSMISSION PVT. LTD
₹ 2.5 LPA



RAMAKANT
ELECTRICIAN
FUN MALL
₹ 2.5 LPA



DEEPAK YADAV
QUALITY ENGINEER
TOP BAND
₹ 2.5 LPA



MANEESH KUMAR YADAV
MOTHERSON SUMI WIRING INDIA LTD.
₹ 2.5 LPA



ANUJ VISHWAKARMA
MOTHERSON SUMI WIRING INDIA LTD.
₹ 2.5 LPA



ADARSH SINGH
DET
BAJAJ MOTORS LTD.
₹ 2 LPA

RECRUITMENT DRIVE AT BSSITM IN 2025



**BABU SUNDER SINGH
GROUP OF INSTITUTIONS**



Congratulations




Kuldeep Kumar
(Diploma in Electrical Engineering)

We are immensely proud to congratulate you on your successful selection into the Lok Beta Group of Companies. This remarkable accomplishment is a reflection of your unwavering commitment, professionalism, and perseverance.


www.bssitm.ac.in

Package: 5.6 LPA
LOK-BETA Pharmaceuticals Pvt. Ltd.



BABU SUNDER SINGH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Congratulations
On your selection



PAWAN YADAV
Production Engineer
PADGET ELECTRONICS PRIVATE LIMITED
(5.5 LPA)

Congratulations on your selection!
Your dedication and skill have always shone through, and it's wonderful to see you being acknowledged for them now.

Visit Us :
www.bssitm.ac.in

Package: 5.5LPA
Padget Electronics Pvt. Ltd.

PLACEMENT ACTIVITIES



Thank You!

We appreciate your time and interest.

For more information or inquiries, feel free to reach out:

Email: bssitmlucknow@yahoo.com

Email: eehodbssitm@gmail.com

Phone: 9450660696

Website: www.bssitm.ac.in