



BECOM

Annual Magazine of
ELECTRONICS AND **C**OMMUNICATION **E**NGINEERING
DEPARTMENT



S.No	INDEX
1.	About Us -HOD - Administration team -Committees -Faculty - Students -Labs -Vision Mission - PEO, PO, PSO - Student Speak E-Magazine
2.	Achievement
3.	Academics - Academic Calendar -Evaluation Scheme -Academic Guest Lecture -Toppers
4.	BEST Society -Office bearer - Events - Orientation Program - Bon Voyage
5.	FDP / FAR - Faculty Publications - Research Grant - NPTEL/MOOCs - Project Guided
6.	Placement - Top Placement - Our Recruiters - Proud Alumni - Industrial Visit - MOU's - Guest Lecture - Placement Awareness Workshop - Placement Drive - Placement Tips Seminar - Placement Success Classes - Alumni Association - Lecture by Alumni - Alumni Speaks

7.	Skill Development <ul style="list-style-type: none">- Tech Edge- Gyandeeep- Tech Wizard- SD Club- MOOCs Course- Workshop- SD Competitions
8.	Research <ul style="list-style-type: none">- Project Orientation Program- Innovation Startup Workshop- Paper Presentation- Paper Publication- Tech Yuva- Notional Conference- Project Competition- Research Grant- Patents
9.	Student's Pen
10.	Faculty Pen

About Us



Buddha Institute of Technology is approved by A.I.C.T.E. and affiliated to Abdul Kalam Technical University (AKTU), Lucknow, Uttar Pradesh, India. The programs of the institute are recognized all over India and abroad. It boasts of a strong Academic- Industrial interaction with high quality of research and consultancy and has close collaborative links with industries in the field of Automobile, Aerospace, Defense, Textile, Machine Tools, Software Development, Civil industry, Manufacturing Sector etc.

Buddha Institute of Technology is situated along Gorakhpur-Lucknow National Highway (NH28) at a distance of 10 kms from Gorakhpur railway station, and 12 kms from airport. The Institute is spread over 14 acres of eco-friendly land. Life at BIT is a blend of fun and hard work. Campus life is vibrant and full of enthusiasm.

BIT has established advanced ROBOTICS LAB accredited by AICRA & 3D Printing Lab which can meet the requirement of students who are willing to create innovative products.

The environment at BIT's ECE department is a harmonious combination of intense academic challenges and lively extracurricular activities. Our faculty comprises renowned specialists in their various domains, who possess a strong dedication to fostering the intellectual inquisitiveness of our students and equipping them for the next trials.

The ECE department at BIT is committed to developing future engineers and innovators who can have a significant influence on the world. This is achieved via advanced research, partnerships with industries, and hands-on learning experiences.



HOD's Message

WARM GREETINGS!!

I am happy to release 2025-26 issue of ECE Department Magazine "BECOM".

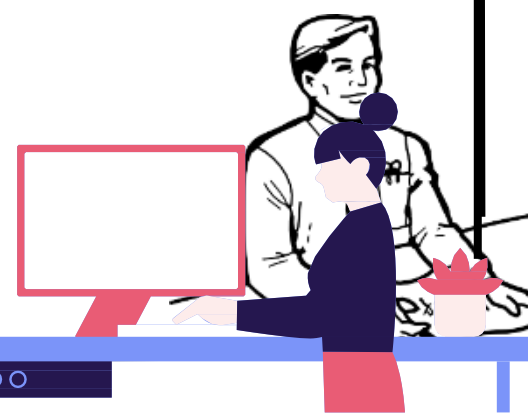
It is an occasion of pride and satisfaction for ECE department, BIT, GIDA, Gorakhpur to bring out the first edition of E-magazine. It brings great pleasure to me by seeing the response to the magazine, it is a very encouraging sign for my department. Wide Department, Wide spectrum of articles shows the creative potential of our students not only in technical field but in non-technical field also. Every technical article is having potential to become a good product to fulfill the present requirements of society. I congratulate all the contributors for their effort to bring this magazine.



I wish the BEST OF LUCK to all the team members for the publication of "BECOM".

Best Wishes,

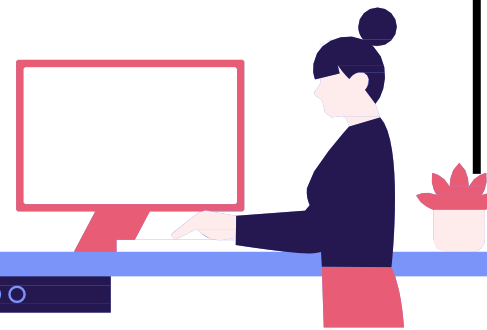
Anil Kumar Chaudhary
HOD Department of ECE



Administration Team

Department Administration Committee

S. No.	Designation	Coordinator Name
1	SD Director/HOD	Mr. Anil Chaudhary
2	Placement Coordinator	Mr. Arun Kumar Mishra
3	SD Coordinator/Proctor	Mr. Anil Singh
4	Examination Coordinator/ Facility Coordinator	Mr. Akhilesh Mishra
5	Research Coordinator	Mr. Abhishek Shukla



Committees

SW Committee

Head of Department: Mr. Anil Chaudhary

Sl. #	Name of the student	Section	Semester	Contact number	Email ID	Previous same semester	
						Result %age	Rank
1.	ANCHAL PRAJAPATI	4A	4 rd	63945547 62	bit24ec32@bit.ac.in	83.78	1 st
2.	NIHARIKA SINGH	4A	4 rd	95555952 10	bit24ec43@bit.ac.in	80.11	2 nd
3.	SNEHA SINGH	6A	6 th	91402087 37	bit23ec64@bit.ac.in	86.90	1 st
4.	UTTKARSHINI SRIVASTAVA	6A	6 th	93694584 83	bit23ec38@bit.ac.in	85.40	2 nd
5.	SATYAJEET MALL	8A	8 th	88403306 41	bit23ec17@bit.ac.in	83.76	1 st
6.	RISHIKA SINGH	8A	8 th	74084137 69	bit23ec19@bit.ac.in	83.65	2 nd

Placement Committee

Head of Department: Mr. Anil Chaudhary

Faculty Coordinator: Ms. Arun Kumar mishra

S r. N o	Class/Section	Name of Students	Roll No.	Mobile No	Reason for Selection
1.	6 th A	Mr. Shashank Chandra	23052503100 51	95110296 83	On The Basis Of Their Communication Skills and Technical Presentation
2.	8 th A	Mr. Prashant Pandey	22052503100 41	97950684 23	



Committees

SD Committee

Head of Department: Mr. Anil Chaudhary

Faculty Coordinator: Mr. Anil Singh

Sr. No	Class/Section	Name of Students	Roll No.	Mobile No	Reason for Selection
1.	6 th A	Barai Vikas Ramniwas	230525031001 9	84839049 54	On The Basis Of Their Active Participation In Technical Activities
2.	8 th A	Mohammad Abusufiyan	220525031003 4	93723475 39	

Research Committee

Head of Department: Mr. Anil Chaudhary

Faculty Coordinator: Mr. Abhishek Shukla

Sr. No	Class/Section	Name of Students	Roll No.	Mobile No	Reason for Selection
1.	6 th A	Muskan Verma	2305250310031	8853958243	On The Basis of TechYuva Presentation
2.	8 th A	Rajan Chaudhary	2205250310046	9555604620	

Students



Labs

The Electronics and Communication Engineering (ECE) laboratories provide students with practical exposure to modern electronic systems, communication technologies, and advanced engineering tools. The department is equipped with well-maintained labs including Digital Electronics Lab, Analog Communication Lab, Microprocessor & Microcontroller Lab, VLSI Design Lab, IoT Lab, PLC & Automation Lab, Embedded Systems Lab, Signal Processing Lab, and Microwave Engineering Lab. These laboratories help students strengthen their theoretical concepts through hands-on experiments, simulations, and project development activities. Modern software and equipment enable students to work on real-time applications related to automation, robotics, wireless communication, semiconductor devices, and embedded technologies. The labs also support research, innovation, and industry-oriented training programs, encouraging students to develop technical skills, problem-solving abilities, teamwork, and creativity. Overall, the ECE laboratories play a vital role in enhancing practical knowledge and preparing students for successful engineering careers and research opportunities.



Institute Vision & Mission

Vision

To be acknowledged as a leader in the area of providing technical education and research by developing technocrats with enough attributes to take up socio-economic challenges through in line with pedagogical changes and conforming the latest industry requirements.

Mission

- ♦ **M1:** To develop a culture of excellence to impart quality education.
- ♦ **M2:** To establish an environment of collaborative learning and expose faculty and Students to broad research & industry experience.
- ♦ **M3:** To relentlessly encourage contributing to society by inculcating professional ethics, humanity, social values and leadership.

Department Vision & Mission

Vision

To provide value based quality education in the field of Electronics and Communication Engineering conforming to the updated curriculum, effective teaching learning process and updated laboratory facilities in collaboration with the industries.

Mission

- ♦ **M1:** To implement an updated curriculum in the field of Electronics and Communication Engineering.
- ♦ **M2:** To develop a culture of innovative research through interaction with industry.
- ♦ **M3:** To develop value based professional ethics and entrepreneur skills in students.



PEO, PO, PSO

PSOs of the Department

[PSO 1]: Apply the concepts of Electronics & Communication engineering and its applications in the various fields like semiconductor technology, embedded system, communication, networking and allied areas.

[PSO 2]: Solve real world problems by applying the technical knowledge and usage of modern hardware & software tools in the field of Electronics & Communication engineering.

[PSO 3]: Apply the knowledge of Internet of Things (IoT) and Robotics to solve complex design problems in the field of Electronics & Communication engineering

Program Outcomes (POs):

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: : Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Student Speak E-Magazine

Dear Esteemed Colleagues,

As we begin our endeavor to contribute to our department magazine, let's incorporate our distinct viewpoints and personal encounters. Your profound ideas and exceptional inventiveness will undeniably enhance the content of our journal, serving as a source of inspiration for our colleagues and highlighting the remarkable talent within our department. Let us collaborate to produce something extraordinary that accurately represents the core of our combined accomplishments.

Utakarshni Srivastava 3rd year

Greetings Respected Colleagues,

It's a privilege to engage with every one of you on our department magazine. Your passion and experience are vital assets as we attempt to convey the spirit of our department's successes and innovations. Let's put our love for Electronic and Communication Engineering into every word and page, creating a newspaper that not only informs but also inspires. Best wishes.

Ambikesh Srivastava 2nd year

Greetings, Esteemed Members,

As we gather together to contribute to our department magazine, let's embrace the chance to display the wonderful work being done within our sector. Your unique ideas and insights will definitely add depth and complexity to our journal, motivating readers and displaying the greatness of our department. Let's make every word count and create something genuinely unforgettable. With gratitude,

Vaishnavi Nishad 3rd Year

Dear Esteemed ECE Department Members,

As we contribute to our department magazine, let's infuse each page with the essence of our collective brilliance. Let's celebrate our achievements, share our insights, and inspire one another to reach greater heights. Together, let's craft a narrative of innovation, passion, and excellence that leaves a lasting impact on all who read it.

Pratik 2nd year

Editorial Member



Achievement



SELECTION IN IEEE SPACE 2026

CONGRATULATIONS

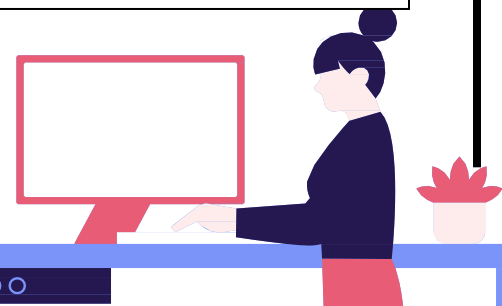
**For selection in IEEE SPACE,
AEROSPACE AND DEFENCE
CONFERENCE- 2026**



SNEHA SINGH

ECE 3rd Year

Heartiest congratulations to Sneha Singh from the ECE Department on her remarkable selection for. This achievement highlights her hard work, technical excellence, and dedication toward innovation and research. The department takes immense pride in her success and wishes her continued accomplishments in future academic and professional endeavors.



Achievement

Out Campus Participation Achievement

Proudly sharing that our ECE Final year student Satyam Dubey attained the Runner Up position in State Level Skill Competition organized by Uttar Pradesh Skill Development Division held during 12 to 23 January 2026 in Lucknow.



Academic Calendar

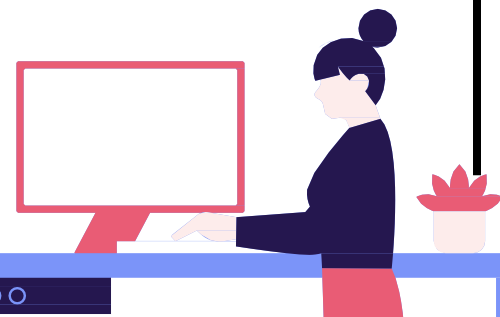


BUDDHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Academic Year 2025-26 (Even Semester)

CALENDER OF EVENTS - B. Tech. (4th, 6th & 8th Semester)

Week	Month	Days						Number of working days		Activities / Holidays
		Mon	Tue	Wed	Thu	Fri	Sat			
1.	Jan				29	30	31	3		Commencement of Classes
2.	Feb/ Mar	2	3	4	5	6	7	6		
3.		9	10	11	12	13	14	6		
4.		16	17	18	19	20	21	6		
5.		23	24	25	26	27	28	1	7	BSF: 27-28 Feb. & 01 March
6.	Mar	2	3 H	4 H	5 H	6	7	3		Convocation: 02 March, 2026 Holi: 03-05 March, 2026
7.		9	10	11	12	13 CTAE	14	6		
8.		16	17	18 CT	19 CT	20 CT	21 H	5		Eid: 21 March, 2026
9.		23 LT	24 LT	25 LT	26 H	27	28	5		Ram Navami: 26 March, 2026
10.		Mar/ Apr	30	31	1	2	3 CTMD	4 PTM/Dept. Workshop	6	
11.	Apr	6	7	8	9	10	11	6		
12.		13	14	15	16	17	18	6		
13.		20	21	22	23	24	25	6		
14.	Apr/ May	27	28	29	30	1 PUTAE	2	6		
15.	May	4 PUT*	5 PUT*	6 PUT*	7 PUT*	8 PUT*	9	6		
Working Days		14	13	13	13	15	14	1	83	
CTMD: Class Test Marks Display CTAE: Class Test Attendance Eligibility CT: Class Test PTM: Parents Teachers Meeting BSF: Buddha Spring Festival LT: Lab Test PUTAE: Pre University Test Attendance Eligibility PUT: Pre University Test										
*The PUT examination may be conducted or rescheduled in accordance with the University examination schedule.										

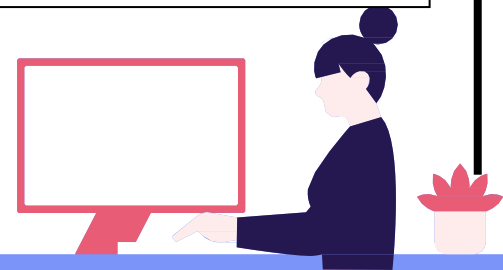
Mr. Anil Chaudhary
HOD (ECE)



Academic Calendar

Week	Month	Days						Number of working days	Activities / Holidays
		Mon	Tue	Wed	Thu	Fri	Sat		
1	August	11	12	13	14	15	16	4	11th August Commencement of Classes 15th August- Independence Day 16th August-Kirshna Janmashtami
2		18	19	20	21	22	23	6	
3		25	26	27	28	29	30	6	
4	September/ October	1	2	3	4	5	6	6	
		8	9	10	11	12 CTAE-1	13	6	
5		15 CT-1	16 CT-1	17 CT-1	18	19	20	6	
6		22	23	24	25	26 CTMD-1	27 PTM-1	6	
7	October/ November	29	30	1	2	3	4	4	1st and 2nd October - Navami and Dussehra*
		6	7	8	9	10	11	6	
8		13 BSM	14 BSM	15	16	17	18	6	
9		20	21	22	23	24	25	2	20-23 October - Depawali & Bhaidooj
10		27	28	29	30	31 CTAE-2	1	6	
11	November	3	4	5	6	7	8	6	
		10 LT	11 LT	12 LT	13 LT	14 LT	15 LT	6	
12		17	18	19	20	21	22	6	
13		24	25 CT-2	26 CT-2	27 CT-2	28	29	6	
14	December	1	2	3	4	5 CTMD-2	6 PTM-2	6	
		8	9	10	11 Make-up Test	12 Make-up Test	13 Make-up Test	6	
Working Days		17	17	16	16	17	17	100	

H : Holiday, CTMD : Class Test Marks Display, CTAE: Class Test Attendance Eligibility CT: Class Test,
PTM : Parents Teachers Meeting, BSF: Buddha Spring Festival LT: Lab Test, PUT-Pre University Test
* The Pre University Test dates are subject to the dates of End semester examination decided by AKTU.



Evaluation Scheme

ELECTRONICS AND COMMUNICATION ENGINEERING

B.Tech. VI Semester

Electronics and Communication Engineering

S. No.	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/PS)		Total SW+ESE	Credit
					L	T	P	CT	TA	CT+TA	TE/PE		
1	BEC601	Digital Communication	T	PC	3	1	0	20	10	30	70	100	4
2	BEC602	Control System	T	PC	3	1	0	20	10	30	70	100	4
3	BEC603	Antenna and Wave Propagation	T	PC	3	1	0	20	10	30	70	100	4
4	BEC-061-064	Department Elective-III	T	PC	3	0	0	20	10	30	70	100	3
5		Open Elective-I	T	PC	3	0	0	20	10	30	70	100	3
6	BEC651	Digital Communication Lab	P	PC	0	0	2			50	50	100	1
7	BEC652	Control System Lab	P	PC	0	0	2			50	50	100	1
8	BEC653	Antenna and Wave Propagation Lab	P	PC	0	0	2			50	50	100	1
9	BNC601/ BNC602	Constitution of India/ Essence of Indian Traditional Knowledge	T	VA	2	0	0	20	10	30	70	100	NC
10		Honors Degree / Minor Degree Courses											
		Total										800	21

Course Code Course Title

BEC-061 Satellite Communication

BEC-062 Data Communication Networks

BEC-063 CMOS Digital Design Techniques

BEC-064 Microwave Engineering

ELECTRONICS AND COMMUNICATION ENGINEERING

B.Tech. V Semester

Electronics and Communication Engineering

S. No.	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/PS)		Total SW+ESE	Credit
					L	T	P	CT	TA	CT+TA	TE/PE		
1	BEC501	Integrated Circuits	T	PC	3	1	0	20	10	30	70	100	4
2	BEC502	Microprocessor & Microcontroller	T	PC	3	1	0	20	10	30	70	100	4
3	BEC503	Digital Signal Processing	T	PC	3	1	0	20	10	30	70	100	4
4	BEC-051-054	Department Elective-I	T	PC	3	0	0	20	10	30	70	100	3
5	BEC-055-058	Department Elective-II	T	PC	3	0	0	20	10	30	70	100	3
6	BEC551	Integrated Circuits Lab	P	PC	0	0	2			50	50	100	1
7	BEC552	Microprocessor & Microcontroller Lab	P	PC	0	0	2			50	50	100	1
8	BEC553	Digital Signal Processing Lab	P	PC	0	0	2			50	50	100	1
9	BEC-554	Mini Project/Internship **	P	PC	0	0	2			50	50	100	1
10	BNC501/ BNC502	Constitution of India/ Essence of Indian Traditional Knowledge	T	VA	2	0	0	20	10	30	70	100	NC
11		Honors Degree / Minor Degree Courses											
		Total										850	22

**The Mini Project or Internship (4weeks) conducted during summer break after IV Semester and will be assessed during Vth Semester.

Course Code Course Title

Department Elective-I

BEC-051 IoT – Architecture, Communication, Technology & its applications

BEC-052 Bio-Medical Sensors & Instrumentation

BEC-053 Intelligent Systems and Robotics

BEC-054 VLSI Technology

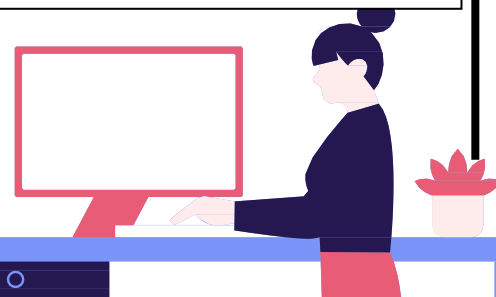
Department Elective-II

BEC-055 Electronics Switching

BEC-056 Bio-Medical Signal Processing

BEC-057 Optical Communication

BEC-058 CMOS Analog VLSI Design



Evaluation Scheme

SEMESTER –IV

SN	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/Ps)	End Semester Examination (ESE)	Total SW+ESE	Credit Cr
					L	T	P	CT	TA				
1	BAS403 / BOE4**	BSC(Maths-III/Math IV/ Math V)/Science Based Open Elective	T	BS/ES	3	1	0	20	10	30	70	100	4
2	BAS401 / BVE401	Technical Communication / Universal Human Value and Professional Ethics	T	HS/VA	2	1	0	20	10	30	70	100	3
3	BEC401	Communication Engineering	T	PC	3	1	0	20	10	30	70	100	4
4	BEC402	Analog Circuits	T	PC	3	1	0	20	10	30	70	100	4
5	BEC403	Signal System	T	PC	2	1	0	20	10	30	70	100	3
6	BEC451	Communication Engineering Lab	P	PC	0	0	2	50	50	50	100	100	1
7	BEC452	Analog Circuits Lab	P	PC	0	0	2	50	50	50	100	100	1
8	BEC453	Signal System Lab	P	PC	0	0	2	50	50	50	100	100	1
9	BCC402 / BCC401	Python Programming/Cyber Security	P	VA	2	0	0	20	10	30	70	100	2
10	BVE451 / BVE452	Sports and Yoga - II / NSS-II	P	VA	0	0	3			100		100	0
		Total			15	5	9						23
		Minor Degree/ Honors Degree MT-1/HT-1											

*The Mini Project or internship (4 weeks) will be done during summer break after 4th Semester and will be assessed during V semester.

SEMESTER III

SN	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/Ps)	End Semester Examination (ESE)	Total SW+ESE	Credit Cr
					L	T	P	CT	TA				
1	BOE3** / BAS303	Science Based Open Elective/BSC (Maths-III/Math IV/ Math V)	T	ES/BS	3	1	0	20	10	30	70	100	4
2	BVE301 / BAS301	Universal Human Value and Professional Ethics/ Technical Communication	T	VA/HS	2	1	0	20	10	30	70	100	3
3	BEC301	Electronic Devices	T	PC	3	1	0	20	10	30	70	100	4
4	BEC302	Digital System Design	T	PC	3	1	0	20	10	30	70	100	4
5	BEC303	Network Analysis and Synthesis	T	PC	2	1	0	20	10	30	70	100	3
6	BEC351	Electronic Devices Lab	P	PC	0	0	2	50	50	50	100	100	1
7	BEC352	Digital System Design Lab	P	PC	0	0	2	50	50	50	100	100	1
8	BEC353	Network Analysis and Synthesis lab	P	PC	0	0	2	50	50	50	100	100	1
10	BCC301 / BCC302	Cyber Security/Python programming	T	VA	2	0	0	20	10	30	70	100	2
11	BCC351	Internship Assessment /Mini Project	P							100		100	2
		Total			15	5	6						25

- **Mathematics –III** for CE / ENV and allied branches
- **Mathematics IV** for Computer/Electronics/Electrical & allied Branches, Mechanical & Allied Branches Textile/Chemical & allied Branches
- **Mathematics-V** for Bio Technology / Agriculture Engineering

Evaluation Scheme

ELECTRONICS AND COMMUNICATION ENGINEERING

B.Tech. VIII Semester Electronics and Communication Engineering

Sr. No.	Subject Code	Subject	Learning Mode	Periods			Evaluation Scheme			End Semester			Total	Credits
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BOEM**	Open Elective-III	MOOCs	3	0	0	20	10	30	-	70	-	100	3
2	BOEM**	Open Elective-IV	MOOCs	3	0	0	20	10	30	-	70	-	100	3
3	BEC851	Project-II		0	0	18	-	-	-	100	-	350	450	10
		Total		6	0	18							650	16

The Internal Assessment of MOOCs will be done by the respective institute and the External Assessment (End Semester Examination) will be done by the University.

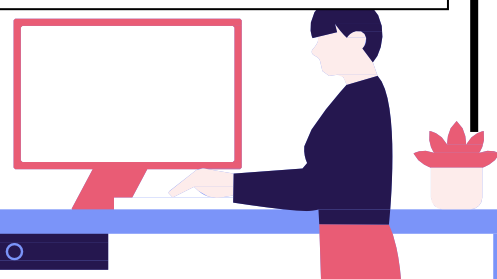
ELECTRONICS AND COMMUNICATION ENGINEERING

B.Tech. VII Semester Electronics and Communication Engineering

S. No.	Course Code	Course Title	Learning Mode	Periods			Evaluation Scheme			End Semester			Total	Credits
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BEC701	VLSI Design	Offline	3	0	0	20	10	30	-	70	-	100	3
2	BEC071-074	Departmental Elective-IV	Offline	3	0	0	20	10	30	-	70	-	100	3
3	BOEM**	Open Elective-II	Offline/ MOOCs	3	0	0	20	10	30	-	70	-	100	3
4	BEC751	VLSI Design Lab	Offline	0	0	2	-	-	-	50	-	50	100	1
5	BEC752	Mini Project or Internship Assessment*		0	0	4	-	-	-	100	-	-	100	2
6	BEC753	Project-I		0	0	10	-	-	-	150	-	-	150	5
7	BEC754	Start-up and Entrepreneurial Activity Assessment#		0	0	4	-	-	-	100	-	-	100	2
		Total		9	0	20							750	19

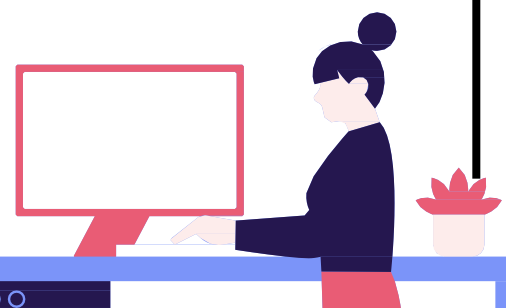
*The Mini Project or internship (5 - 6 weeks) conducted during summer break after VI semester and will be assessed during VII semester.
#The Startup and Entrepreneurial Activity Assessment will be done in 7th semester under which a student will have to undergo a startup/entrepreneurship activity of at least 60 hours till 6th semester

Course Code	Course Title
	Department Elective-I
BEC-071	Wireless & Mobile Communication
BEC-072	Information Theory & Coding
BEC-073	Microwave & Radar Engineering
BEC-074	Drone Systems: Design, Control & Navigation



Academic Guest Lecture

The Electronics and Communication Engineering Department organized an academic lecture on IoT and Robotics for ECE students to enhance their understanding of emerging technologies and intelligent systems. The session covered IoT architecture, sensors, wireless communication, automation, robotic control systems, and real-time industrial applications. Students gained knowledge about smart devices, embedded systems, AI-based robotics, and future technological trends. Practical demonstrations and interactive discussions helped participants understand the integration of IoT with robotics in healthcare, manufacturing, smart homes, and automation industries. The lecture successfully improved technical awareness, innovation skills, and research interest among students in advanced electronics and communication technologies.



Toppers

BUDDHA INSTITUTE OF TECHNOLOGY

LIST OF TOPPERS STUDENTS

B.TECH 1st Year 2024-25

BRANCH	ROLL NO.	STUDENT NAME	FATHER'S NAME	TOTAL MARKS	%
ECE	2405250310010	ANCHAL PRAJAPATI	MR. NAGENDRA	1499	83.28

B.TECH 2nd Year 2024-25

BRANCH

ECE	2305250310046	RISHIKA SHARMA	AMIT SHARMA	1736	86.80
------------	---------------	----------------	-------------	-------------	--------------

B.TECH 3rd Year 2024-25

BRANCH	ROLL NO.	STUDENT NAME	FATHER'S NAME	TOTAL MARKS	%
ECE	2205250310055	SHUAIB AKHTAR	AKHTAR ALI	1477	86.88

B.TECH 4th Year 2024-25

ECE	2105250310008	ADITI SINGH	DASHRATH SINGH	1395	82.58
------------	---------------	-------------	----------------	-------------	--------------



Office bearer

Department Society (BEST) Committee

Head of Department: Mr. Anil Chaudhary

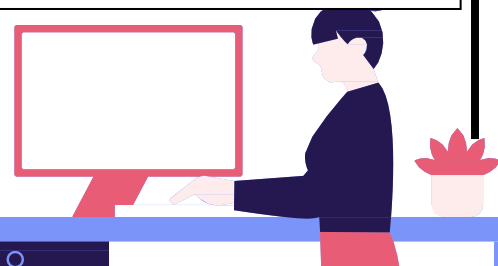
Faculty Coordinator: Mr. Arun Kumar Mishra (Placement Coordinator)

Mr. Anil Singh (SD Coordinator)

Mr. Abhishek Shukla (Research Coordinator)

Mr. Akhilesh Mishra (Facility Coordinator)

Class/Section	Name	Roll No.	Designation	Reason for Selection
6 th A	Deepak yadav	2305250310021	President (BEST)	By Election
4 th A	Pratik	2505250319004	Secretary (BEST)	By Election
6 th A	Shashank Chandra	2305250310051	Student Placement Coordinators	On The Basis Of Their Communication Skills and Technical Presentation
8 th A	Prashant Pandey	2205250310041		
6 th A	Priya Singh	2305250310041	Student SD Coordinators	On The Basis Of Their Active Participation In Technical Activities
4 th A	Akash Gupta	2405250310008		
6 th A	Anshuman Mishra	2305250310011	Student Research Coordinators	On The Basis Of TechYuva Presentation
4 th A	Raj Narayan Gaur	2405250310023		



Orientation Program

Subject: Student Orientation Program Summary

Session – 2025-26

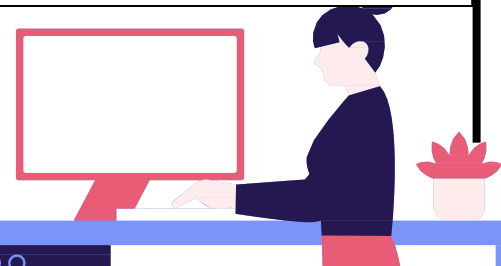
Objective:

The orientation program for higher semester students was conducted to update them on academic plans, institutional developments, placement opportunities, and behavioural expectations for the ongoing academic session.

The orientation effectively re-engaged students with their academic journey, introduced institutional upgrades, and set clear expectations for the semester. It aimed to enhance academic accountability, promote career readiness, and build a proactive learning environment

Venue- BIT Seminar Hall

No. of Students Attended Programmed -66



Bon Voyage

Buddha Institute of Technology successfully organized the Farewell party for B.Tech ECE 4th year students on 04 May 2026 (Monday).

It celebrated showcased talents singing, dancing, standup comedy, & games for the seniors, launched an insightful educational resource, and provided invaluable guidance for the students' future paths. The event left a lasting impression, marking the end of a cherished chapter in the students' lives while instilling inspiration and excitement for the new horizons ahead.

Time of Event – 10:00 AM to 04:30:PM

Venue of Event - BPC Seminar Hall

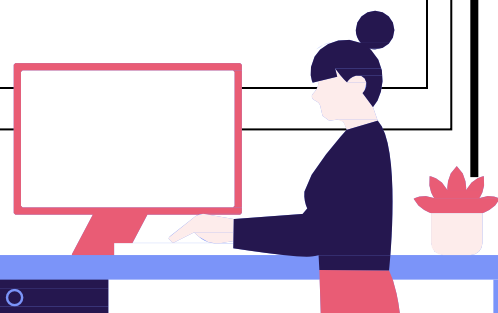
Highlights of the Event

- The Respected Dignitaries - Director Sir, HoD and All faculty of Departments blessed the students with their Kind words.



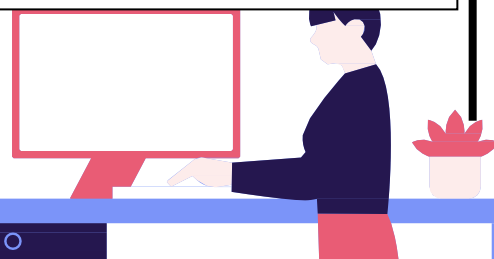
Faculty Publications

GROUP		Name of the Guide	Paper Title	Paper publication index
Roll Number	Name of the Student			
2205250310050	Satyam Dubey	Mr. Anil Kumar Chaudhary	Hand gesture controlled Robot with ARM	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310035	Mohammad Israil			
2205250310011	Ankur Yadav			
2205250310055	Shuaib Akhtar			
2205250310002	Abhinav Singh	Mr. Anil Kumar Chaudhary	LI-FI DATA Transfer system	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310006	Aditya Kumar Yadav			
2305250319002	Abhishek Sharma			
2205250310030	Kuldeep Pandey	Mr. Anil Kumar Chaudhary	Safe Ride –A Smart Helmet for Accident Prevention and Protection	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2305250319009	Isha Jaiswal			
2205250310026	Fatima Faiz			
2205250310019	Ayushi Giri			
2205250310007	Aditya Sharma	Mr. Akhilesh Mishra	Wireless Car Charging	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310060	Sumit Modanwal			
2205250310022	Dheeraj Mishra			
2205250310014	Ashwani Sharma			
2305250319012	Pooja Kumari	Mr. Akhilesh Mishra	Foot Step Power Generation	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2105250310004	Abhinandani Sharma			
2305250319005	Anurag Kumar			
2205250310048	Rohit			
2205250310044	Pratibha Bharti	Mr. Akhilesh Mishra	Cloud based Home Automation	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2305250319013	Priya Mishra			
2305250319004	Ali Ilahi Khan			
2205250310029	Kuldeep Kumar	Mr. Anil Singh	Automatic Agriculture Sprinkling System	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310039	Nitish Sharma			
2205250310045	Rahul Paswan			
2205250310025	Ekta Sahani			
2205250310033	Mani Kumar	Mr. Anil Singh	Smart Health Monitoring Wearable	
2205250310047	Rinku Yadav			
2205250310067	Vikash Kumar			
2205250310049	Rohit Prajapati	Mr. Anil Singh	Robotics Arm	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2305250319015	Sarthak Chaurasia			
2205250310025	Ashwani Srivastava			
2205250310032	Luvkush Pandey			
2205250310069	Vivek Kumar	Mr. Abhishek Shukla	Performance Analysis of 6T SRAM Cell at Different Technology Nodes	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)



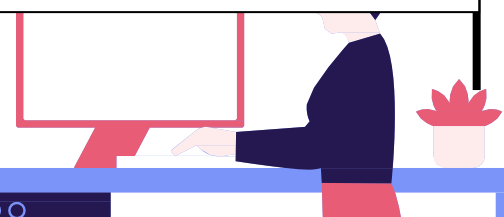
Faculty Publications

2205250310036	Navneet Kumar Garg	Mr. Abhishek Shukla	Performance Analysis of Ring Oscillator at Different Technology Nodes	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2305250319014	Rishika Singh			
2305250319018	Tannu Yadav			
2305250319017	Suyash Tiwari	Mr. Abhishek Shukla	AI Based Robot	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2305250319016	Satyjeet Mall			
2205250310057	Siddhi Shukla			
2205250310013	Anurag Arya			
2205250310023	Durgesh Kushwaha	Mr. Arun Kumar Mishra	Railway Track Crack Detection System 2.0	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310020	Deepak Dubey			
2205250310052	Saurabh Srivastav			
2305250319010	Jytoi Paswan			
2205250310051	Satyam Vishwakarma	Mr. Arun Kumar Mishra	IOT based Smart Safety and Monitoring System	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310059	Sudhanshu Ram Tripathi			
2205250310054	Shruti Singh			
2205250310010	Anish Vishwakarma			
2205250310037	Nikhil Chauhan	Mr. Arun Kumar Mishra	Field Sense AI	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310009	Anikesh Chauhan			
2205250310070	Vivek Singh			
2205250310038	Nitin Pathak			
2205250310034	Mohammad Abusufiyan	Mr. Arun Kumar Mishra	The Drishti Rider	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2105250310018	Anand Prakash			
2205250310024	Ekta Gupta			
2305250319003	Afzal Khan			
2205250310017	Ayush Maurya	Mr. Anil Kumar Chaudhary	Intelligent Parking Management System	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310028	Krishna Vishwakarma			
2205250310042	Prateek			
2205250310041	Prashant Pandey			
2205250310005	Abhishek Yadav	Mr. Anil Kumar Chaudhary	Fire Fighting Robot Using arduino	INTERNATIONAL JOURNAL OF RESEACH ANALYTICAL REVIEW (IJRAR)
2205250310008	Akash singhaniya			
2205250310012	Anshu Singh			
2205250310040	Prashant kumar			



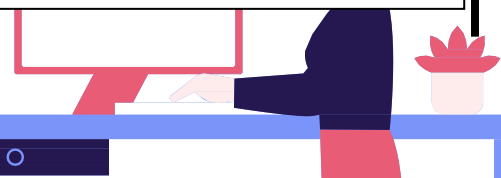
Project Guided

Name of the Faculty	Group No	Semester & Section	GROUP		Project Title
			Roll Number	Name of the Student	
Mr. Abhishek Shukla	1	2 nd Year	2405250310018	Kartikey Mall	Radar Navigation Defense System
			2405250310005	Aditya Arya	
			2405250310013	Anurag	
			2405250310017	Gaurav	
	2	2 nd Year	2405250310030	Sharvan Shahi	Grey water management and reuse wet land management water conversation
	3	3 rd Year	2305250310062	Vijay Laxmi	Touchless Fingerprint
			2305250310009	Anamika Singh	
	4	3 rd Year	2305250310008	Aman Singh	Electricity from Walking by Piezoelectric Sensor
			2305250310007	Aman Nishad	
			2305250310054	Shubham Gupta	
			2405250319006	Sudhir Yadav	
	5	3 rd Year	2205250310003	Abhishek Singh	Automatic Accident Avoiding CarAutomT
			2205250310021	Deepak Rai	
			2305250319006	Atul Kumar Chaudhary	
	6	3 rd Year	2305250310023	Girijesh Verma	Waste to Electricity Generator
			2305250310021	Deepak Yadav	
			2305250310025	Kaustubh Upadhyay	
			2305250310026	Manish Chauhan	
	7	4 th Year	2205250310069	Vivek Kumar	Performance Analysis of 6T SRAM Cell at Different Technology Nodes
			2205250310046	Rajan Chaudhary	
2205250310017			Ayan Khan		
2205250310058			Sonal Singh		
8	4 th Year	2205250310036	Navneet Kumar Garg	Performance Analysis of Ring Oscillator at Different Technology Nodes	
		2305250319014	Rishika Singh		
		2305250319018	Tannu Yadav		
9	4 th Year	2305250319017	Suyash Tiwari	AI Based Robot	
		2305250319016	Satyjeet Mall		
		2205250310057	Siddhi Shukla		
		2205250310013	Anurag Arya		



Project Guided

Name of the Faculty	Semester & Section	GROUP		Project Title
		Roll Number	Name of the Student	
Mr. Akhilesh Mishra	4 th & 2A	2405250310023	Raj Naryan Gaur	Waste to Energy(Electricity Produces by waste and also it produces ink)
		2405250310029	Shivam Mishra	
		2405250310033	Suryanshu Singh	
	4 th & 2A	2405250310034	Vidhyasagar Yadav	Human Detector
		2405250310027	Sanjay Singh	
		2405250310035	Vikash Verma	
		2405250310017	Pratik	
	4 th & 2A	2405250310006	Aditya Chuahan	Water generated by atmosphere
		2405250310015	AyushSrivastva	
		2405250310003	Adarsh Upadhyay	
	4 th & 2A	BIT-25 /EC/L/D/003	Pratik	Audino based aircraft
		BIT -25/EC/L/D/002	Ambikeshsrivastava	
		BIT -25/EC/L/D/001	Ashish pandey	
		BIT -25/EC/L/C/006	Abhijeet jaisawal	
		2205250310064	Utkarsh srivastav	
	6 th & 3A	2305250310013	Anurag Maurya	Li-Fi Data Transfer System
		2305250310024	Ishita Maddheshiya	
		2405250319005	Sakshi Singh	
	6 th & 3A	2305250310001	Aashish Yadav	Arduino obstacle Avoidance + Voice Control Robot
		2305250310037	Pankaj Kumar	
2305250310028		Monika Pandey		
2305250310017		Ashmita Yadav		
8 th & 4A	2205250310007	Aditya Sharma	Wireless Car Charging	
	2205250310060	Sumit Modanwal		
	2205250310022	Dheeraj Mishra		
	2205250310014	Ashwani Sharma		
8 th & 4A	2305250319012	Pooja Kumari	Foot Step Power Generation	
	2105250310004	Abhinandani Sharma		
	2305250319005	Anurag Kumar		
	2205250310048	Rohit		

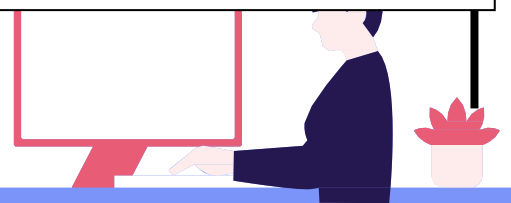


Project Guided

Name of the Faculty	Semester & Section	GROUP		Project Title
		Roll Number	Name of the Student	
Mr. Anil Kumar Chaudhary	6 th & 3A	2305250310044	Raghvendra Chaudhary	Automated Green House Climate Control Moistoring System
		2305250310004	Abhishek Singh	
		2305250310035	Nitish Singh	
	6 th & 3A	2305250310012	Anshuman Yadav	River Cleaning ROBOT.
		2305250310020	Brijesh Yadav	
		2305250310034	Nitesh Kumar	
	6 th & 3A	2305250310018	Ashutosh Mishra	AuthNet Smart Switch
		2305250310006	Aditya Mishra	
		2305250310019	Barai Vikas Ramnivas	
	6 th & 3A	2305250310011	Anshuman Mishra	Boom BOT
		2305250310050	SatyaNarayan Shukla	
		2305250310052	Shivanjal Dubey	
	8 th & 4A	2205250310050	Satyam Dubey	Robot
		2205250310035	Mohammad Israil	
		2205250310011	Ankur Yadav	
		2205250310055	Shuaib Akhtar	
	8 th & 4A	2205250310002	Abhinav singh	Iot Based Smart Agriculture System
		2205250310006	Aditya Kumar Yadav	
		2305250319002	Abhishek Sharma	
		2205250310030	Kuldeep Pandey	
8 th & 4A	2305250319009	Isha Jaiswal	SafeRide –A Smart Helmet for Accident Prevention and Protection	
	2205250310026	Fatima Faiz		
	2205250310019	Ayushi Giri		
8 th & 4A	2205250310017	Ayush Maurya	Intelligent Parking Management System	
	2205250310028	Krishna Vishwakarma		
	2205250310042	Prateek		
	2205250310041	Prashant Pandey		
8 th & 4A	2205250310005	Abhishek Yadav	Fire Fighting Robot Using arduino	
	2205250310008	Akash singhaniya		
	2205250310012	Anshu Singh		
	2205250310040	Prashant kumar		

Project Guided

Name of the Faculty	Semester & Section	GROUP		Project Title
		Roll Number	Name of the Student	
Mr. Anil Singh	4 th & 2A	2405250310021	Niharika Singh	Smart Parking System
		2405250310022	Ragini Nishad	
		2405250310031	Shweta Yadav	
		2405250310016	Bandana	
	4 th & 2A	2405250310010	Anchal Prajapati	Airsafe C-PAS
		2405250310008	Akash Gupta	
		2405250310032	Sujit Singh	
		2405250310036	Yash Singh	
	6 th & 3A	2305250310014	Aradhana Singh	Smart Landslide Automatic Detection
		2305250310045	Raj Yadav	
		2405250319004	Krrish Srivastava	
		2405250319002	Ashish Rawat	
	6 th & 3A	2305250310055	Sneha Singh	Smart Agro Care
		2305250310046	Rishika Sharma	
		2305250310051	Shasank Chandra	
		2405250319001	Abdul Qadir	
	6 th & 3A	2305250310031	Muskan Verma	Free Hand Wheelchair
		2305250310041	Priya Singh	
		2305250310061	Vaishnavi	
		2305250310056	Soni Sahani	
	8 th & 4A	2205250310029	Kuldeep Kumar	Automatic Agriculture Sprinkling System
		2205250310039	Nitish Sharma	
		2205250310045	Rahul Paswan	
		2205250310025	Ekta Sahani	
8 th & 4A	2205250310033	Mani Kumar	Smart Health Monitoring Wearable	
	2205250310047	Rinku Yadav		
	2205250310067	Vikash Kumar		
	2205250310049	Rohit Prajapati		
8 th & 4A	2305250319015	Sarthak Chaurasia	Robotics Arm	
	2205250310025	Ashwani Srivastava		
	2205250310032	Luvkush Pandey		



Project Guided

Name of the Faculty	Semester & Section	GROUP		Project Title
		Roll Number	Name of the Student	
Mr. Arun kumar Mishra	4th & 2A	2405250310011	Aniket Kumar Sahani	Smart Street Lighting System
		2405250310012	Anish Kumar	
		2405250310020	Mohammad Sahil	
		2405250310004	Aditya	
	4th & 2A	2405250310009	Aman Sharma	Smart Digital Student Table Lamp with Power Bank
		2405250310024	Rameshwaram Lal	
		2405250310026	Sachin Kumar	
		2405250310028	Santosh Kumar	
	6th & 3A	2305250310049	Satya Shankar Yadav	Voice Control AI Robot
		2205250310001	Aakash Prajapati	
		2305250310003	Abhay Yadav	
		2405250319003	Brijesh Singh	
	6th & 3A	2305250310029	Muskan Chauhan	IoT based Solar Seed Sprayer
		2305250310027	Monali Nishad	
		2305250310030	Muskan Nishad	
		2305250310047	Sandhya Sahani	
6th & 3A	2305250310059	Uttkarshini Srivastava	Gesture Decoder (Let the Mute Speak)	
	2305250310040	Prerna Gupta		
	2305250310042	Priyani Tiwari		
	2305250310043	Priyanka Knnaujiya		
8th & 4A	2205250310051	Satyam Vishwakarma	Smart Home Automation	
	2205250310059	Sudhanshu Ram Tripathi		
	2205250310054	Shruti Singh		
	2205250310010	Anish Vishwakarma		
8th & 4A	2205250310037	Nikhil Chauhan	Field Sense AI	
	2205250310009	Anikesh Chauhan		
	2205250310070	Vivek Singh		
	2205250310038	Nitin Pathak		
8th & 4A	2205250310034	Mohammad Abusufiyan	The Drishti Rider	
	2105250310018	Anand Prakash		
	2205250310024	Ekta Gupta		
	2305250319003	Afzal Khan		
8th & 4A	2205250310023	Durgesh Kushwaha	Railway Track Crack Detection System 2.0	
	2205250310020	Deepak Dubey		
	2205250310052	Saurabh Srivastav		
	2305250319010	Jytoi Paswan		

Top Placement & Our Recruiters



Rajan Chaudhary

Research and Development
Engineer ILJIN ELECTRONICS (I) Pvt Ltd
4.5 LPA



Suaib Akhatar

Hardware Support Engineer Hardware
Nokia Solutions & Networks
3 LPA

100+ OFFERS FOR CE STUDENTS

COMPANIES VISITED:



AND MORE...

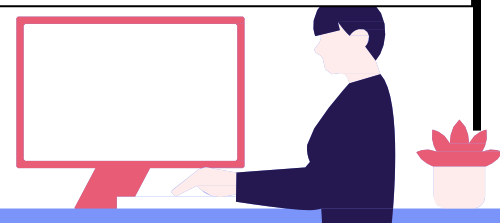


MOU's & Guest Lecture

Partner Organization/Institution	Type of Collaboration	Purpose/Scope	Date of Signing	Validity Period
Csharp Inc	Industry Academia	Online Trainings, Hackathons and Skill Development	26/02/2026	Lifetime
Chetu India Pvt Ltd	Industry-Academia	Placements & Training	19/02/2026	1 Year
I-Hub Startup Jharkhand	Industry-Academia	Internship, training & placement	19/02/2026	1 Year
Flive Consulting Pvt Ltyd	Industry-Academia	Placement & Internships	19/01/2026	Lifetime
Gaurav go Games	Industry-Academia	Internship, Skill Development & Placements	22/01/2026	5 Years
IIT Madras	Academia	Trainings, Skill Development, Internship and Research	17/03/2026	3 years

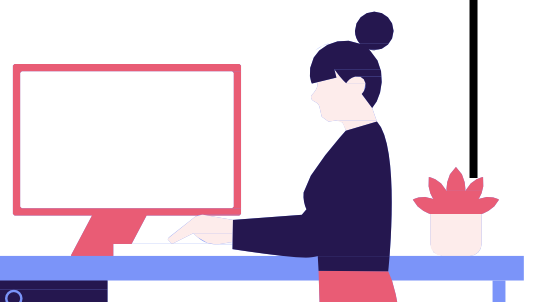
Industry Guest Lecture

S.N	Resource Person	Topic	Date	No. of student attended
1	Mr. Ajay Yadav, Director, Say Drone Technology Pvt. Ltd	Drone & Job Opportunities	02/04/2026	57



Proud Alumni List

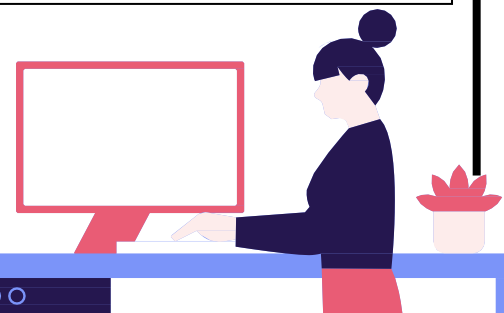
S.No.	Student Name	Branch	Company Name	Package (LPA)	Placement Type	
1	Anurag Singh (2018)	ECE	Capgemini India	10.5	Software Developer	
2	Anchal Jaiswal (2023)	ECE	Mobilotte Technologies India Pvt. Ltd	3.1	Software Engineer	
3	Anshika Mishra (2024)	ECE	Tranzita System	3.5	Software Developer	
4	Kirti Singh (2024)	ECE	Tranzita System	3.5	Software Developer	
5	Shivansh Asthana (2024)	ECE	Tranzita System	3.5	Software Developer	



Placement Awareness Workshop & Placement Drive

The ECE Department successfully organized a Placement Awareness Workshop to guide students toward career opportunities and industry expectations. The session focused on aptitude preparation, interview skills, resume building, and emerging technologies. Students gained valuable insights from experts, helping them enhance confidence, technical knowledge, and readiness for upcoming placement drives and professional careers.

Class	Date	No. of student attended
ECE 3rd year	04/11/2026	32



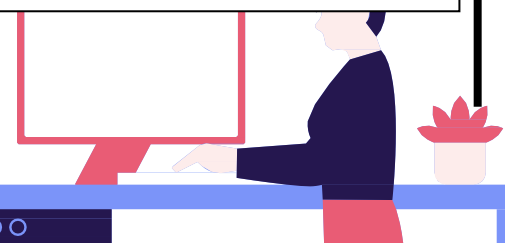
Placement Tips Seminar & Placement Success Classes

The Electronics & Communication Engineering Department, Buddha Institute of Technology, organized a Placement Tips Seminar on 14-02-2026. The session was delivered by Mr. Suyash Kumar Tiwari, currently working as a trainer, Umaga Edutech Private Limited.

In this seminar, speaker has given different tips, to get good placement in the field of electronics manufacturing, automation and maintenance.

The session concluded with an interactive Q&A, where students clarified their doubts and received practical advice. The lecture was highly beneficial, motivating students to enhance their skills, personality to prepare for future placement drives

Class	Speaker	Date	No. of student visited
ECE 2 nd Year & 3 rd Year	Mr. Suyash Kumar Tiwari, Umaga Edutech Private Limited	14-02-2026	41

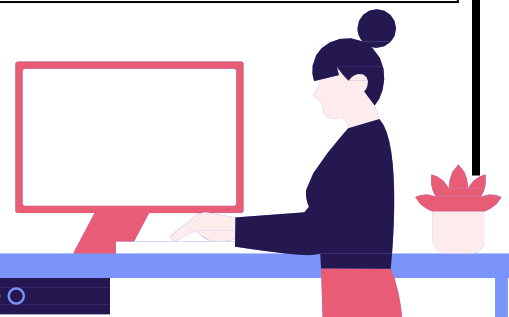


Alumni Association & Lecture by Alumni

The Electronics & Communication Engineering Department, Buddha Institute of Technology, organized an Alumni Lecture on **17-11-2025**. The session was delivered by **Mr. Chandan Kumar Bhart & Ms. Amrita Singh, 2020-24 batch**, currently working as **Operator Engineer Trainee, Saamvardhan Motherson Automotive & Engineering, Chennai**.

During the lecture, the alumni shared their professional experiences, career journey, and valuable insights into **latest trends in manufacturing, automation & maintenance career opportunities in Electronics & Communication Engineering**. Students were guided on industry expectations, skill development, and future career prospects.

Name of alumni	Organization/ Company	Topic	Date	No. of student attended
Mr. Chandan Kumar Bhart & Ms. Amrita Singh, 2020-24 batch,	<i>Saamvardhan Motherson Automotive & Engineering, Chennai</i>	<i>Current Industry scenario</i>	17-11-2025	49



Alumni Speaks

For Buddha institute Of Technology, "The world is here, where are you" isn't just a slogan but I lived it actually. BIT may be a beautiful and historic place where people from different nationalities meet together to share one common goal, "EDUCATION". I had the chance to satisfy with the dynamic and distinguished faculties, who are enthusiastic, friendly patient, and highly qualified. With their guidance and constant mentoring, I even have been ready to become a real professional altogether the facets of life. Thanks to guidance provided by the Training & Placement Department, without their help I would not have been placed in MNCs. I have emerged as a new individual. All Thanks to my "INSTITUTION". Good Luck

Aditi Singh

(Batch 2022–26)

I, Ritu Pandey, have successfully completed my B.Tech in 2024. I sincerely thank Buddha Institute of Technology for being an important part of my journey. I am especially thankful to all the faculty members for their constant support, guidance, and encouragement throughout my journey. Their teachings have helped me grow both personally and professionally. I am grateful to the institute for giving me the opportunity to step into the Electronics Manufacturing Services (EMS) industry, which is growing rapidly and offers great career opportunities. Thank you to everyone who supported me in making this journey successful.

(Batch 2020–24)

Ritu Pandey

Being a part of the ECE department at BIT was one of my best decisions. Under the constant mentorship of our excellent faculty and the approachable leadership of our HOD sir, I found the perfect balance between academics and personality development. The technical events and supportive environment truly inspired me to grow. I am deeply thankful to my 'INSTITUTION' for providing the foundation to turn my dreams into reality. Good Luck

Shubhanshu Singh

(Batch 2022–26)



Tech Wizard

The **Tech-Edge Program on Programmable Logic Controllers (PLC)** was successfully conducted for **2nd and 3rd Year ECE students**. The training program was designed to provide both **strong theoretical knowledge** and **practical exposure** to modern industrial automation systems. Students learned about **PLC fundamentals, architecture, ladder logic programming, troubleshooting techniques, industrial automation applications, and maintenance practices** through interactive sessions and hands-on activities using PLC hardware and software. The program significantly enhanced students' technical understanding, problem-solving abilities, and practical skills, effectively bridging the gap between classroom learning and real-world industrial automation challenges while preparing them for future career opportunities in automation and control engineering.



SD Club & MOOCs Course

Communication & Circuit Design Club

Head of Department: Mr. Anil Kr Chaudhary

Faculty Coordinator: Mr. Anil Singh

Class/Section	Name	RollNo.	Designation	Reason for Selection
6A	Abhishek Singh	2305250310004	President	On The Basis Of Their Active Participation In Technical Activities

MOOCs Course (2nd Year)

Sl. #	Name of the student	University Roll Number	Name of the Organization	Course Title
1.	ADARSH UPADHYAY	2405250310003	BIT	Coursera, NPTEL
2.	ADITYA	2405250310004	BIT	Coursera, NPTEL
3.	ADITYA CHAUHAN	2405250310006	BIT	Coursera, NPTEL
4.	AKASH GUPTA	2405250310008	BIT	Coursera, NPTEL
5.	AMAN SHARMA	2405250310009	BIT	Coursera, NPTEL
6.	ANCHAL PRAJAPATI	2405250310010	BIT	Coursera, NPTEL
7.	AYUSH SRIVASTAVA	2405250310015	BIT	Coursera, NPTEL
8.	BANDANA	2405250310016	BIT	Coursera, NPTEL
9.	GAURAV	2405250310017	BIT	Coursera, NPTEL
10.	MOHAMMAD SAHIL	2405250310020	BIT	Coursera, NPTEL
11.	RAJ NARAYAN GAUR	2405250310023	BIT	Coursera, NPTEL
12.	SANJAY SINGH	2405250310027	BIT	Coursera, NPTEL
13.	SHIVAM MISHRA	2405250310029	BIT	Coursera, NPTEL
14.	SHWETA YADAV	2405250310031	BIT	Coursera, NPTEL
15.	SUJEET KUMAR SINGH	2405250310032	BIT	Coursera, NPTEL
16.	SURYANSHU SINGH	2405250310033	BIT	Coursera, NPTEL
17.	VIDYA SAGAR YADAV	2405250310034	BIT	Coursera, NPTEL
18.	VIKASH VERMA	2405250310035	BIT	Coursera, NPTEL
19.	YASH KUMAR SINGH	2405250310036	BIT	Coursera, NPTEL
20.	ABHIJEET JAISAWAL	2505250319001	BIT	Coursera, NPTEL

MOOCs Course (3rd Year)

Sl. #	Name of the student	University Roll Number	Name of the Organization	Course Title
1.	ABHISHEK SINGH	2305250310004	BIT	NPTEL
2.	ANAMIKA SINGH	2305250310009	BIT	NPTEL
3.	ANSHUMAN YADAV	2305250310012	BIT	NPTEL
4.	ARADHANA SINGH	2305250310014	BIT	NPTEL
5.	BARAI VIKAS RAMNIWAS	2305250310019	BIT	Courser, NPTEL
6.	DEEPAK YADAV	2305250310021	BIT	Courser, NPTEL
7.	MONIKA PANDEY	2305250310028	BIT	Courser, NPTEL
8.	MUSKAN CHAUHAN	2305250310029	BIT	Courser, NPTEL
9.	MUSKAN NISHAD	2305250310030	BIT	Courser, NPTEL
10.	MUSKAN VERMA	2305250310031	BIT	Courser, NPTEL
11.	PRIYA SINGH	2305250310041	BIT	Courser, NPTEL
12.	PRIYANI TIWARI	2305250310042	BIT	Courser, NPTEL
13.	PRIYANKA KANNAUJIYA	2305250310043	BIT	Courser, NPTEL
14.	RISHIKA SHARMA	2305250310046	BIT	Courser, NPTEL
15.	SHASHANK CHANDRA	2305250310051	BIT	Courser, NPTEL
16.	SHUBHAM GUPTA	2305250310054	BIT	Courser, NPTEL
17.	SNEHA SINGH	2305250310055	BIT	Courser, NPTEL
18.	UTTKARSHINI SRIVASTAVA	2305250310059	BIT	Courser, NPTEL
19.	VAISHNAVI	2305250310061	BIT	Courser, NPTEL
20.	VIJAY LAXMI	2305250310062	BIT	Courser, NPTEL
21.	ABDUL QADIR	2405250319001	BIT	Courser, NPTEL

MOOCs COURSE SSUMMARY

Sl. #	Class	Total No. of Students	Total No. of Enrolled
1	4A	33	20
2	6A	54	21

Workshop

Two-Day Workshop on Robotics & IoT – Summary

A two-day workshop on **Robotics and Internet of Things (IoT)** was conducted to provide participants with hands-on exposure to emerging technologies shaping the future of automation and smart systems. The workshop aimed to bridge the gap between theoretical knowledge and practical implementation.

Day 1:

The first day focused on foundational concepts of robotics and IoT. Participants were introduced to basic components such as microcontrollers, sensors, actuators, and communication modules. Sessions included demonstrations of robotic systems and discussions on real-world applications like home automation, smart cities, and industrial automation. Attendees also learned about programming basics and hardware interfacing.

Day 2:

The second day emphasized hands-on learning and project development. Participants worked in groups to build simple robotic prototypes and IoT-based projects, such as obstacle-avoiding robots and sensor-based monitoring systems. They gained practical experience in coding, circuit assembly, and device connectivity. The workshop concluded with project presentations, feedback sessions, and discussions on career opportunities in robotics and IoT.

Event Outcomes

1. **Enhanced Technical Knowledge** – Participants gained a clear understanding of basic concepts in robotics and IoT technologies.
2. **Hands-on Learning Experience** – Practical exposure through building simple robotic and IoT-based projects.
3. **Improved Programming Skills** – Learned basics of coding for microcontrollers and device control.
4. **Innovation and Creativity** – Encouraged participants to think creatively while designing projects.



SD Competitions

The Circuit Design Competition was organized to enhance participants' knowledge, creativity, and practical skills in electronics and problem-solving. The event was conducted in **two phases**, each designed to evaluate different competencies of the participants.

Phase 1: Theoretical Round (Technical & Reasoning Quiz)

The first phase consisted of a written quiz that tested participants on:

- Core concepts of electronics and circuit theory
- Fundamental principles of electrical and electronic components
- Logical reasoning and analytical ability

This round aimed to assess the participants' theoretical understanding and problem-solving skills.

Phase 2: Circuit Design Round

Participants who qualified the first round advanced to the second phase, which was hands-on. In this stage:

- Participants were required to design and implement electronic circuits
- They demonstrated practical knowledge of components, connections, and circuit functionality
- Evaluation was based on accuracy, innovation, efficiency, and working condition of the circuit

Conclusion

The competition provided a platform for students to integrate theoretical knowledge with practical application. It encouraged teamwork, innovation, and critical thinking, making it a valuable learning experience for all participants.

Winner

1. Akash Gupta
2. Mohammad Shahil
3. Yash Kumar Singh
4. Sujeet Kumar Singh

Runner-up

1. Uttkarshini Srivastava
2. Vaishnavi
3. Sakshi Singh
4. Anchal Prajapati



Project Orientation Program

Buddha Institute of Technology, organized a **Project Orientation Program** titled **Building Your Academic and Professional Profile: Projects, Conferences, Courses & Internships** for the 2nd & 3rd year ECE students on **14 March 2026** at the Room. No-119 (**Block-2**). The program was conducted from **12:10 PM to 01:05 PM** and was attended by 50 students.

Session Title:

Building Your Academic and Professional Profile: Projects, Conferences, Courses & Internships

Speaker:

Mr. Abhishek Shukla(Assistant Professor)

Audiance:

2nd & 3rd Year Electronics & Communication Engineering Students (50 Students)

##Key Highlights of the Session

1. Project Making:

- Identify a real-world problem and innovate a suitable solution.
- Define clear objectives and project scope.
- Choose an appropriate technology stack and tools.
- Emphasize teamwork and version control using GitHub.

2. Power Point Presentation for Paper Presentation:

- Keep the presentation clear, concise, and visually appealing.
- Use proper headings, bullet points, and relevant images.

Practice delivery and timing before presenting.

- Focus on key findings and the impact of the work.

3. GitHub Essentials:

- Create and maintain a professional GitHub profile.
- Learn basic Git commands such as clone, commit, push, and pull.
- Use GitHub for version control and collaboration.
- Showcase projects and contributions to build a strong technical portfolio.

The session concluded with an interactive question-and-answer session, where students discussed how these skills can be applied in their academic projects and future research work. The program provided valuable guidance to help students strengthen their project development, research, and presentation skills.



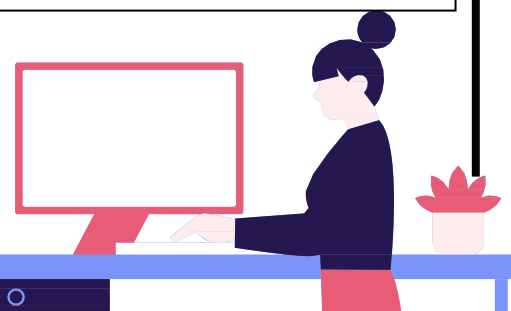
Innovation Startup Workshop

Project to Product – ECE Edition | BIT Gorakhpur

Buddha Innovation Council (BIC) organized a technical workshop, “Project to Product – ECE Edition,” at Buddha Institute of Technology to promote innovation, research, and entrepreneurship among ECE students.

The session focused on transforming electronics and embedded projects into real-world products and startups, while also covering patent filing, research publications, and incubation support. Around 44 students participated in the interactive and industry-oriented session conducted by Ankur Kumar and Pratish Kannaujiya.

The workshop successfully encouraged students to bridge the gap between academic projects and practical technological innovation.



Paper Presentation & Notional Conference

The Department of ECE, Buddha Institute of Technology, Gorakhpur, successfully organized the 1st National Conference, on 13–14 April 2026. The conference focused on VLSI, Signal Processing, Power Electronics, IoT, Communication Engineering, AI, and Embedded Systems. It witnessed active participation from academicians, researchers, and students, encouraging innovation and interdisciplinary research. The event included keynote sessions, technical paper presentations, souvenir release, and award distribution. Leadership was provided by Prof. (Dr.) Roop Ranjan, Mr. Anil Chaudhary, and Mr. Abhishek Shukla. Outstanding student presenters received certificates and cash prizes for their excellent research contributions.

The conference recognized outstanding student performances across different academic years:

ECE (2nd Year):

🏆 Winner: Anchal Prajapati (2405250310010)

ECE (3rd Year):

🏆 Winner: Utkarshini Srivastava (2305250310059)

🏆 Winner: Barai Vikas (2305250310019)

ECE (4th Year):

🏆 Winner: KRISHNA VISHWAKARMA (2205250310028)

🥈 Runner-up: FATIMA FAIZ (2205250310026)

Cash prizes and certificates were awarded to all winners in recognition of their excellence.



Tech Yuva

Techyuva 10.0, a Technical Fest organized by the Electronics & Communication Engineering Department of Buddha Institute of Technology, GIDA, Gorakhpur, was successfully held on 12 October 2025 at the Sports Ground – BGI. The technical fest provided a vibrant platform for students to showcase innovation, creativity, and engineering excellence through competitions, workshops, and project model exhibitions. Around 120 students participated, presenting 30 innovative models focused on automation, IoT, renewable energy, robotics, smart monitoring systems, sustainable technologies, and modern engineering applications. The event was coordinated by Mr. Abhishek Shukla and Mr. Anil Kumar Chaudhary under the leadership of Dr. R.A. Agrawal, Dr. Rajat Agrawal, and Prof. (Dr.) Roop Ranjan. Distinguished internal and external judges evaluated the projects and awarded outstanding student teams from different academic years. Techyuva 10.0 promoted technical learning, teamwork, research culture, and practical problem-solving among budding engineers.

Internal Judges:

Mr. Arun kumar Mishra (Assistant Professor, Electronics and Communication Engineering Department)

Mr. Anil Singh (Assistant Professor, Electronics and Communication Engineering Department)

Mr. Akhilesh Mishra (Assistant Professor, Electronics and Communication Engineering Department)

External Judge:

Mr. A.G. Rao (Scientist D)

🏆 Model Competition Results

Second Year (B.Tech Electronics and Communication Engineering):

🏆 First Prize:

Raj Narayan Gaur

Shivam Mishra

Suryanshu Singh

Model: Waste to Energy (Electricity Produced by Waste and also it Produces Ink

🥈 Second Prize:

Anchal Prajapati

Akash Gupta

Sujit Singh

Yash Singh

Model: Air safe C-PAS

🥉 Third Prize:

Aditya Chuahan

Ayush Srivastava

Adarsh Upadhyay

Model: Water Generated By Atmosphere

of 6T SRAM Cell at Different Technology Nodes

🥉 Third Prize:

Satyam Dubey

Mohammad Israil

Shuaib Akhtar

Ankur Yadav

Model: Hand Gesture Control with ARM

Third Year (B.Tech Electronics and Communication Engineering):

🏆 First Prize:

Anshuman Mishra

Satyanarayan Shukla

Shivanjal Dubey

Model: Solar-Boom Bot

🥈 Second Prize:

Muskan Verma

Priya Singh

Vaishnavi

Soni Sahani

Tech Yuva

Model: Free Hand Wheelchair

🏆 Third Prize:

Raghvendra Chaudhary

Abhishek Singh

Nitish Singh

Model: Automated Green House Climate Control Moistoring System

Final Year (B.Tech Electronics and Communication Engineering):

🏆 First Prize:

Satyam Vishwakarma

Sudhanshu Ram Tripathi

Shruti Singh

Anish Vishwakarma

Model: IOT based Smart Safety And Monitoring System

🏆 Second Prize:

Vivek Kumar

Rajan Chaudhary

Ayan Khan

Sonal Singh

Model: Performance Analysis of 6T SRAM Cell at Different Technology Nodes

🏆 Third Prize:

Satyam Dubey

Mohammad Israil

Shuaib Akhtar

Ankur Yadav

Model: Hand Gesture Control with ARM



Student's Pen

Where Dreams Are Forged in Sleepless Night

In crowded halls where young dreams start,
A B. Tech life shapes mind and heart.
With hopeful eyes and plans unclear,
They step ahead, yet feel the fear.
Through lectures long and concepts deep,
With nights too short for proper sleep,
They chase each mark, each grade, each test,
And learn to give their very best.
Assignments pile, the pressure grows,
No time for rest, no time for pause.
Yet in the chaos, strength appears,
Built slowly through those restless years.
In labs where circuits spark and glow,
Where codes break down, then start to flow,
They fail, they learn, they try once more,
Each setback makes them stronger than before.
And in between the stress and strain,
Are laughs that wipe away the pain.
Friendships bloom in simple ways,
In canteen talks and hectic days.
From first-year doubts to final pride,
A change grows deep and stays inside.
No longer lost, no longer unsure,
Their steps are steady, their vision pure.
For B. Tech life is not just a race,
Or marks that time can soon erase.
It's every fall and every fight,
That turns their struggle into light.
And when they leave, they carry near,
More than a degree they hold so dear.
For what they gain, year after year—
Is the soul and strength of an engineer.

By- Rishika Sharma



Student's Pen

The life of an Electronics and Communication Engineering (ECE) student is a journey filled with learning, creativity, hard work, and unforgettable memories. ECE is one of the most exciting branches of engineering because it combines electronics, communication systems, programming, and modern technology. An ECE student not only studies theories and circuits but also learns how technology connects the world.

The journey of an ECE student begins with curiosity and excitement. From the very first year, students are introduced to subjects like basic electronics, digital systems, communication engineering, signals, microprocessors, and embedded systems. At first, these subjects may seem difficult, but gradually students begin to enjoy understanding how electronic devices and communication networks work.

The daily life of an ECE student is often busy and challenging. Practical labs, assignments, projects, presentations, and exams become a regular part of college life. Students spend hours designing circuits, writing code, debugging errors, and preparing records. Sleepless nights before project submissions and exams are common, but these experiences teach patience, discipline, and problem-solving skills.

One of the most interesting parts of ECE life is practical learning. Building mini projects, working with sensors, microcontrollers, and communication devices gives students hands-on experience. ECE students often explore technologies like robotics, Internet of Things (IoT), embedded systems, wireless communication, and Artificial Intelligence (AI). These experiences make learning more exciting and innovative.

Apart from academics, the life of an ECE student is also filled with fun and friendship. Canteen discussions, group studies, technical fests, workshops, farewell celebrations, and classroom moments create memories that last forever. Friends support each other during difficult subjects and stressful exams, making the journey easier and more enjoyable.

The life of an ECE student also teaches important life skills such as teamwork, communication, creativity, and time management. Students learn how to handle pressure, meet deadlines, and work on innovative ideas. These qualities help them become confident and responsible individuals.

Although the journey can sometimes be stressful because of difficult subjects and busy schedules, it is also rewarding. Every successful project, practical experiment, and achievement gives a sense of accomplishment. In conclusion, the life of an ECE student is a combination of challenges, innovation, friendship, and growth. It is a journey that prepares students for the future while giving them knowledge, skills, and memories that remain special forever.

By Shashank Chandra



Student's Pen

INNOVATION CORNER

Connecting Skill. Creating Opportunities



Introduction

“Find Me” is a digital platform design to connect skilled but uncertified workers with people and industries who need their services. It focuses on empowering individuals who have talent but lack formal education or degree.

The Problem

Millions of workers like labourers, mistris, carpenters, maid, gardeners and electrician struggle to find jobs due to lack of certificates.

Our Solution – “Find Me”

“Find Me” is a user-friendly website that allows skilled workers to create their profiles and connect directly with employers.

The platform includes:

- Worker's skills and experience
- Rate/charges
- Location
- Identity (Photo)
- Contact details

This helps employers easily find the right person based on their needs.

🔑 Key Features

- ✓ Simple and easy-to-use interface
- ✓ Verified worker profiles
- ✓ Direct communication between employer and worker
- ✓ Transparent pricing system
- ✓ Supports local skilled workers
- ✓ No need for formal education or certificates

Impact of the Project

Empowers unrecognized skilled workers

Reduces unemployment

Provides fair job opportunities

Helps industries and individuals find the right talent quickly

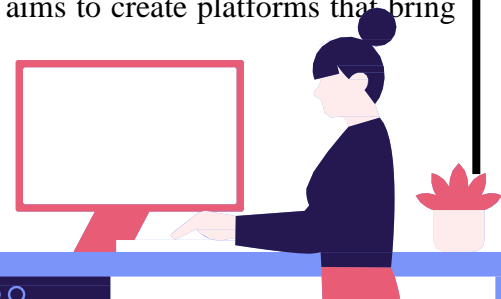
Promotes dignity of labor

About the Developer

Akash Gupta

B.Tech ECE Student | Innovator | Problem Solver

Passionate about building real-life solutions using technology, Akash aims to create platforms that bring opportunity, respect, and identity to people who are often overlooked.



Student's Pen

Engineer Ke Sapne

Wires mein uljhe sapne mere,
Circuits mein chhupi pehchaan hai,
ECE ki iss duniya mein,
Har signal ek armaan hai.

Kabhi resistor raasta roke,
Kabhi capacitor saath nibhaye,
Kabhi transistor chupke se,
Nayi umeedein phir jagaye.

Frequency ki lehro par,
Sapne apne udd jaate hain,
Satellites ke sang hum bhi,
Aasmaan ko chhoo aate hain.

Labs ki raaton mein aksar,
Coffee hi dost ban jaati hai,
Assignment ke pressure mein bhi,
Ek hasi bach hi jaati hai.

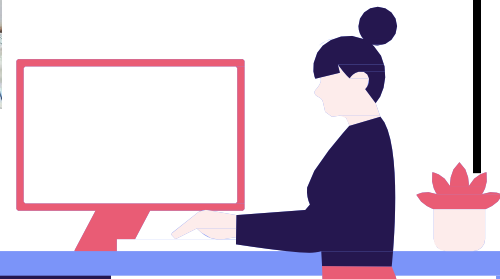
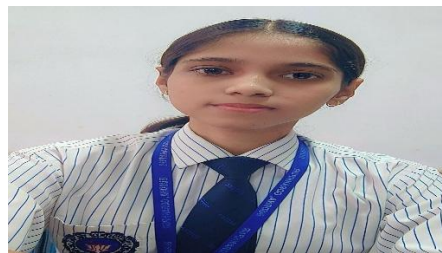
Oscilloscope ki moving lines,
Dil ki feelings jaisi lagti hain,
Kabhi stable, kabhi disturbed,
Bilkul zindagi jaisi lagti hain.

Kabhi coding error rulata hai,
Kabhi project fail ho jaata hai,
Par ek engineer ka jazba toh,
Har mushkil mein muskuraata hai.

Hum woh log hain jo kal ko,
Technology se sajaayenge,
Aaj breadboard pe mehnat karke,
Kal duniya smart banaayenge.

Na sirf machines samajhte hain,
Na sirf formulas ya theory,
Dil mein passion lekar chalte,
Yahi hai engineer ki sto

Name – Priya Singh



Faculty Pen

Best wishes for the successful release of the ECE Departmental Magazine 2025–26. May this magazine continue to inspire creativity, innovation, technical excellence, and academic growth among students and faculty members. Wishing the editorial team great success in showcasing the achievements, talents, and memorable activities of the Electronics and Communication Engineering Department. This magazine reflects the vibrant academic environment, innovation, achievements, and continuous progress of our department. It highlights student accomplishments, technical workshops, industrial visits, placement activities, expert lectures, alumni interactions, conferences, and various departmental events organized throughout the academic session.

The magazine also showcases the creativity, technical skills, research culture, and diverse talents of our students and faculty members. Through this publication, we aim to inspire young engineers, encourage innovation, and strengthen the spirit of learning and collaboration within the department.

Mr. Arun Kumar Mishra
Assistant Professor
Department of ECE





BUDDHA INSTITUTE OF TECHNOLOGY

CL-1, SECTOR 7, GIDA, GORAKHPUR

Affiliated to **AKTU** & Approved by **AICTE**

SHAPE YOUR CAREER IN
**ELECTRONICS &
TECHNOLOGY
INNOVATION**

BTECH (ECE & VLSI Design) + CERTIFICATE

ADMISSIONS

OPEN 2026-27

BUILD YOUR FUTURE IN
ELECTRONICS & TECHNOLOGY



B.TECH PROGRAMS OFFERED



ELECTRONICS & COMMUNICATION ENGINEERING (ECE)

Explore the world of communication, networks, IoT, signal processing and embedded systems.



ELECTRONICS ENGINEERING (VLSI DESIGN & TECHNOLOGY)

Step into the core of semiconductor industry with chip design, verification and VLSI technology.

BTECH (ECE & VLSI Design) + CERTIFICATE COURSES

3rd SEMESTER



Digital Circuits &
Analog Circuits

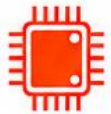
4th SEMESTER

Signals and Systems &
Analog and digital
communications I



5th SEMESTER

Microprocessors and
Microcontrollers



6th SEMESTER



Semiconductor
device modeling
and Simulation

7th SEMESTER



VLSI Design



QUALITY EDUCATION
Aligned with Industry
& Future Technologies



EXCELLENT PLACEMENTS
Regular Recruitment by
Top Companies



RESEARCH & INNOVATION
Encouraging Creativity,
Ideas & Start-ups



VIBRANT CAMPUS LIFE
Clubs, Events, Sports
& Cultural Activities

LIMITED SEATS
APPLY NOW!



For Admission Enquiry Contact
9554559900
9839621881

VISIT OUR ADMISSION PORTAL

www.bit.ac.in/AdmissionsBTech.aspx



SCAN TO VISIT
ADMISSION PORTAL

BE A PART OF **TOMORROW'S TECHNOLOGY. TODAY!**