



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous



(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated to JNTUH)

Bhaskar Nagar, Yenkapally (V), Moinabad (M), P.O. Himayathnagar, R.R. District, Hyderabad-5000075.

Department of Electrical and Electronics Engineering

Report on “ELECTROBUZZ”

On 12th March, 2026 @ 12 PM

Convener

Dr. P. Duraipandy,

Associate Professor & Head of the Department

Co – Ordinators

A. Rajitha, Assistant Professor,

K. Swathi, Assistant Professor.

Student Co – Ordinators

1) Mohd. Ut Ur Rahman – III Year

2) H.Neha – II Year

PREAMBLE

The Department of Electrical and Electronics Engineering has conducted the “ELECTROBUZZ” for EEE B. Tech students on 12th March 2026.

J.B. Institute of Engineering and Technology was established in 1998, popularly known as JBIET, is a UGC approved Autonomous Institution. JBIET is a NBA and NAAC accredited Institution. The Institute has various laboratories, workshops and other support systems to provide a hands-on experience. It can boast of its well qualified and expert faculty who inculcate the best values and principles. The Institution aims at the holistic development of the Students and has a notable Placement track record. The institute also nurtures and promotes Entrepreneurship, provides end to end support in the form of funding for start-ups. JBIET has been ranked consistently among top Institutions in Telangana and India.

Department of Electrical and Electronics Engineering is one of the oldest departments of JBIET, started in 1998 with a team of highly experienced faculty members. Department offers one UG program (B. Tech – EEE) and one PG program (M. Tech – EPS), with a present intake of 30 UG and 18 PG students. It is accredited by NBA under Tier – I. The department organized various programs such as Faculty development programs, hands – on sessions and technical workshops to strengthen the overall development of the Students and Faculty.

The Event Content is as follows:

The main Objective of Conducting a Quiz Competition aims to inspire students to think beyond textual Knowledge and make a connection between theory and application of the principles they have learned.

Quizzes are intended to encourage fun learning methods while also enhancing general knowledge. It encourages constructive dialogue among participants, so they can benefit from one another. “ELECTROBUZZ” is an Ultimate Quiz Competition where curious minds battle each other. This Competition was helpful and satisfied the participants.

Circular



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY
UGC Autonomous
(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated to JNTUH)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 10.03.2026

CIRCULAR

All the students of II, III, and IV Year are hereby informed that, as part of INFOQUEST'26, our department is organizing ENERGEX 2K26 in association with ELEXSA. A series of Technical and Non-Technical Events have been scheduled as follows:

➤ **TECHNICAL EVENTS** – 12th March 2026

1. Electrovista – Project Expo
2. Electronexus – Circuit Connections
3. Electrobuzz – Quiz

➤ **NON-TECHNICAL EVENTS** – 16th March 2026

All students are strongly encouraged to participate in all the above events. Your active participation is essential for the success of the fest and will provide a valuable platform to showcase your technical skills, creativity, and teamwork.

Students are therefore instructed to register and participate actively and make ENERGEX 2K26 a grand success.

HOD-EEE

HOD - EEE
J B Institute of Engineering & Technology
(UGC Autonomous)
(Accredited by NAAC, Approved by
AICTE, Permanently Affiliated JNTUH)
Bhaskar Nagar, Molabad Mandal
Hyderabad - 500 075.

POSTER



JB INSTITUTE OF ENGINEERING & TECHNOLOGY

(UGC Autonomous)

Yenkampally(V), Moinsabad(M), R.R.District, Hyderabad-509075 @www.jbiet.edu.in



ELECTRICAL AND ELECTRONICS ENGINEERING

Presents



ELECTRO BUZZ [QUIZ]

Maximum Team Size : 3 members.

Round : 1 Basic Level

Round 2 : Advance Level

**TEAM : 3
REGISTRATION FEE
50/- PER HEAD**



**WINNER CASH PRICE
1000/-**

12TH MARCH

FACULTY COORDINATORS

- Mrs.A.Rajitha
- Mrs.P.Swathi

STUDENT COORDINATORS

- Mohd Ata Ur Rahman
- H.Neha

elexa_jbiet

9100417471

“ELECTROBUZZ” Quiz Scheduled as:

S. No	Details of Quiz Rounds	No. of Participants	Scheduled on	No. of Shortlisted students
1	Preliminary quiz for II year EEE Students (Round – 1)	21 students (7 batches , 3 members in each batch $7 \times 3 = 21$)	12-03-2026	6 (2 batches)
2	Preliminary quiz for III year EEE Students (Round – 2)	18 students (6 batches , 3 members in each batch $6 \times 3 = 18$)	12-03-2026	6 (2 batches)
3	Preliminary quiz for IV year EEE Students (Round – 3)	12 students (4 batches , 3 members in each batch $4 \times 3 = 12$)	12-03-2026	6 (2 batches)
4	Final Round for Shortlisted students from Round – 1 ,2 & 3	18 students (6 batches , 3 members in each batch $6 \times 3 = 18$)	12-03-2026	Winner: (1 Batch) Runner: (1 Batch)

PROCEDURE:

The Instructions given to the participants about the Rules of Quiz competition are as follows:

Rule 1: There is a specific time limit for each question. Because questions are categorized as 3 types, Easy, Medium and typical.

- For Easy type questions time limit is 30 sec.
- For Moderate type questions time limit is 45 sec.
- For Typical/Problematic questions time limit is 1 minute.

Rule 2: Easy, Moderate questions are multiple choice Questions and Typical questions are fill in the blanks or short answer type questions.

- Multiple Choice Questions:
The participants must choose a single correct answer from several alternatives in multiple choice questions.
- Short Answer type Questions:
Here, there's no choice to select, the participants must say their answer.

Rule 3: There is only one attempt to answer and no penalty (or negative marking) for incorrect answers. Each question carries 1 mark.

Rule 4: Questions are presented with the power point using Projector.

Questions will be asked to the teams one by one. Each team will get 2 easy, 2 medium and 2 typical questions. So, the total of 6 questions will be asked to each team.

The winner and Runner teams are selected based on the High Score.

The Winner and Runner teams will be awarded with Cash prize and Certificates.

SAMPLE QUESTIONS:

EASY:

1. A DC Generator works on a principle of
 - a) Faraday's laws of Electrolysis
 - b) Mutual Induction
 - c) Faraday's law of Electromagnetic induction
 - d) Len's law
2. In thermal power plant Steam is generated in
 - a) Boiler
 - b) Condenser
 - c) Economizer
 - d) Super heater

MODERATE:

1. The losses which vary with the load are _____
 - a) Eddy current losses
 - b) Hysteresis losses
 - c) Copper losses
 - d) Friction and windage losses
2. The area under the load curve represents _____
 - a) Maximum demand
 - b) load factor
 - c) The average load on power system
 - d) Number of units generated

TYPICAL:

1. If the turns ratio is 1:1, then the transformer is called as _____
2. Action of commutator in D.C generator is _____

PRELIMINARY QUIZ FOR II YEAR AND III and IV EEE STUDENTS :

Students Participation List:-

	S. NO	Year	STUDENT NAME
BATCH - 1	1	II year	B.Shiva
	2		G.Ganesh
	3		V.Aditya
BATCH - 2	4	II year	M.Bhargavi
	5		V.Sindhu
	6		N.Siri
BATCH - 3	7	II year	K. Nikhil
	8		S.Shiva Chaithanya
	9		R.VamshiKrishna
BATCH - 4	10	II year	E.Mukundu Goud
	11		G.Siddartha
	12		B.Mallikarjun
BATCH - 5	13	II year	Akshaya
	14		Harshini
	15		Ashwitha
BATCH - 6	16	II year	K.Vinay
	17		G. Harikrishna
	18		B.Pavan Kumar Naidu
BATCH - 7	19	III year	P.Manogna
	20		B.Akshitha
	21		N.Manju Bhargavi

BATCH – 8	22	III year	CH.Deeraja Kumari
	23		K.Mohita sree
	24		CH.Swathi
BATCH – 9	25	III year	Preethi Kumari
	26		E.Sai Srujan
	27		A.HariKrishna
BATCH - 10	28	III year	CH.Shivaramakrishna
	29		Ch.Pavan
	30		Y.Pavan
BATCH - 11	31	III year	G.Siddartha
	32		D.Vignesh
	33		Bharath
BATCH - 12	34	III year	Sai Tarun
	35		Natraj
	36		Sandeep
BATCH - 13	37	II year	Mohd.Adil Irshad
	38		N.Yashwanth
	39		K.Srujana
BATCH - 14	40	IV year	Aravind G
	41		Ranjith.E
	42		Rishi
BATCH - 15	43	IV year	S.Aravind
	44		Prabhas
	45		Sri Sai
BATCH - 16	46	IV year	Sathwika
	47		Akhilandeshwari

	48		Uthej
BATCH - 17	49	IV year	Manohar
	50		U. Madhu Mohan
	51		Gautham Reddy

WINNERS	II year BATCH-4	E.Mukundu Goud
		G.Siddartha
		B.Mallikarjun
RUNNERS	IV year Batch-16	Sathwika
		Akhilandeshwari
		Uthej

ATTENDANCE SHEET

J. B. INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

ELEXSA-2026

ELECTROBUZZ

ATTENDANCE SHEET

BATCH NO	Name	SIGN OF THE STUDENT
1	B.Shiva	Shiva
	G.Ganesh	Ganesh
	V.Aditya	Aditya
2	M.Bhargavi	Bhargavi
	V.Sindhu	Sindhu
	N.Sai	Sai
3	K.Nikhil	Nikhil
	S.Shiva Chaitanya	Shiva Chaitanya
	R.Vamshi Krishna	Vamshi
4	E.Mukunda Goud	Mukunda
	G.Siddhartha	Siddhartha
	B.Mallikarjun	Mallikarjun
5	Akshaya	Akshaya
	Harshini	Harshini
	Ashwitha	Ashwitha
6	K.Vinay	Vinay
	G. Harikrishna	Harikrishna
	B.Pavan Kumar Naidu	Pavan
7	P.Manogna	Manogna
	B.Akshitha	Akshitha
	N.Manju Bhargavi	Manju
8	CH.Deeraja Kumari	Deeraja
	K.Mohita sree	Mohita Sree
	CH.Swathi	Swathi
9	Preethi Kumari	Preethi
	E.Sai Srujan	Sai Srujan
	A.Hari Krishna	Hari Krishna
10	CH.Shivaramakrishna	Shivaramakrishna
	Ch.Pavan	Pavan
	Y.Pavan	Pavan
11	D.Vignesh	Vignesh
	Bharath	Bharath
	G.Siddhartha	Siddhartha
12	Sai Tarun	Sai Tarun
	Natraj	Natraj
	Sandeep	Sandeep
13	Mohd.Adil Irshad	Mohd Adil Irshad
	N.Yashwanth	Yashwanth
	K.Srujana	Srujana

14	Aravind G	Aravind
	Ranjith.E	Ranjith
	Rishi	Rishi
15	S.Aravind	Aravind
	Prabhas	Prabhas
	Sri Sai	Sri Sai
16	Sathwika	Sathwika
	Akhilandeswari	Akhil
	Uthej	Uthej
17	Manohar	Manohar
	U. Madhu Mohan	Madhu Mohan
	Gautham Reddy	Gautham

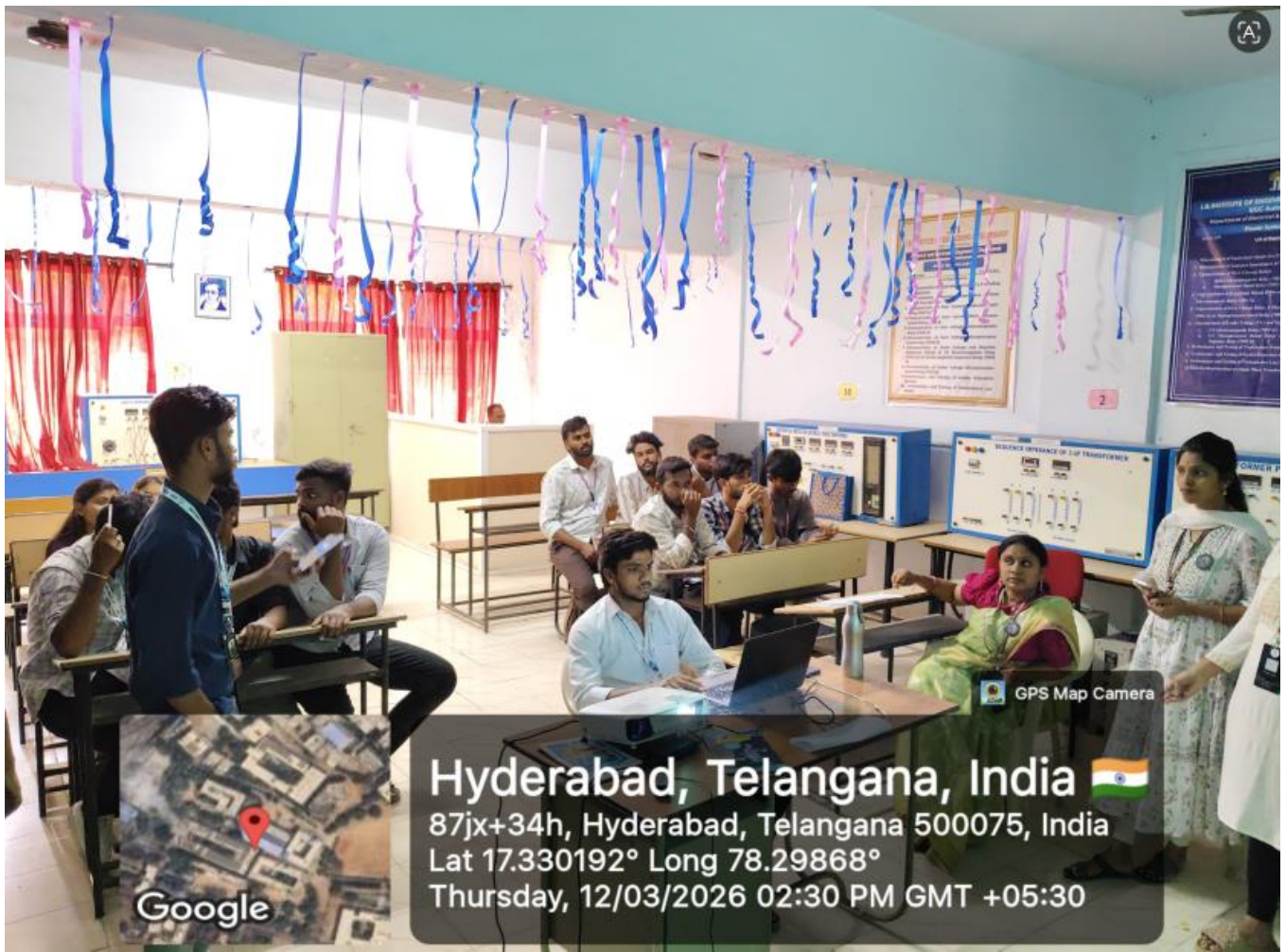


HOD-EEE
HOD - EEE
 JB Institute of Engineering & Technology
 (UGC Autonomous)
 (Accredited by NAAC, Approved by
 AICTE, Permanently Affiliated JNTU
 Bhaskar Nagar, Moinabad Man
 Hyderabad-500 075

Photos of the Session







Hyderabad, Telangana, India

87jx+34h, Hyderabad, Telangana 500075, India

Lat 17.330192° Long 78.29868°

Thursday, 12/03/2026 02:30 PM GMT +05:30





Hyderabad, Telangana, India

Survey No. 156 To 162, Amdapur X Road, Yenkapally,
Moinabad, Ranga Reddy, Hyderabad, Telangana 500075, India
Lat 17.330391° Long 78.298543°
Thursday, 12/03/2026 02:43 PM GMT +05:30

Cash prize awarded to winners by Principal



Winner Sample certificate:



Runner Sample Certificate:



The certificate is from JB Institute of Engineering and Technology, UGC Autonomous, Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH. It is from the Department of Electrical and Electronics Engineering. The certificate is for K. AKHILANDESHWARI, a 1st Year student, who participated in the ELECTOBUZZ [Quiz] and won the 2nd Prize. The event was held on 12/03/2024 and was organized by Elexsa. The certificate is signed by Dr. P. Duraipandy, HOD, and Dr. P. C. Krishnamachary, Principal. The ELEXSA logo is also present.

JB Institute of Engineering and Technology
UGC Autonomous
Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF APPRECIATION

IT IS TO CERTIFY THAT K. AKHILANDESHWARI - 1st YEAR
HAS PARTICIPATED IN ELECTOBUZZ [Quiz]
AND WON 2nd PRIZE HELD ON 12/03/2024

Organized By Elexsa

We extend our sincere appreciation for the enthusiasm, dedication, and meaningful engagement throughout the event.

Dr. P. Duraipandy
HOD

Dr. P. C. Krishnamachary
Principal

ELEXSA