



NEWS LETTER : 2022-23

E Spark



Department of
Electrical
Engineering

ISSUE - 13

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

FROM HOD'S DESK



Dr. Ruhi Uzma Sheikh
HEAD OF DEPARTMENT

The Electrical Engineering Department commenced in the year 1999. The Department has established itself as one of the most disciplined and vibrant department of Anjuman College of Engineering in a time span of more than 22 years and has helped my students to become qualified technocrats who are well placed and working at very well known organization in India and abroad. With the growing demand of Electrical Engineering in the government and private sectors, the department is making best efforts to produce highly trained and capable engineers who can take up the challenges of the real world. The quality of academic instructions, conduct guidelines and college activities are designed to produce competent and successful engineers. Electrical department focuses on preparing professional engineers.

Department emphasizes on the two key parameters are academic standards and practical approach. We have a team of qualified, experienced & dedicated faculty and staff members. Our major emphasis is on imparting technical training to encourage curiosity and innovativeness among our students with changing needs of the industry. "Engineers are the creators of the new world".

We provide regular industrial visits in every semester, seminars, guest lectures and workshops

Going with these lines the Department has advanced laboratory facilities and we train our students to excel in various fields. The students here see their dreams come true. With the help of regular industrial visits in every semester we are providing industrial exposure and practical knowledge to the students which helps them in their placements. Through various our students are being prepared for higher education in India and abroad. The student forum of the Electrical Engineering department is also active and student chapter association ISTE under which students are managing many technical and non-technical events which enhance their ability in event management, account management, teamwork and winning attitude cooperation with others, etc.

Electricity is a positive energy. Let's make it Green-----

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Message from EDITOR



Mrs. Shabnam Rukhsar
Assistant Professor

"If you do not hope, you will not find what is beyond your hopes."

A thought that has been enduring in a mind when it becomes real, is truly an interesting and exciting experience. This news letter "e-Spark-23" was one such cherished work that had its roots in the persuasion. It would be a snapshot of the various activities and advancements for all associated with Electrical Engineering Department. It also include technical articles related to developing technology in engineering field. Proper communication plays a vital role in institution's development. This news letter "e-Spark-23" will serve to reinforce and allow increased awareness, improved interaction and integration among all of us.. To achieve progress and to meet objectives we have to cross numerous milestones. I would like to thanks Principal Dr. S.M. Ali, Vise Principal Dr. S. Khan and head of Department Dr. Ruhi Uzma Sheikh for perennial growth and development of newsletter.

This issue of newsletter "e-Spark-23" should inspire all of us for a new beginning enlighten with hope, confidence and faith in each other in the road ahead.....

Happy Reading!

Faculty Publications (Electrical Engineering)

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
Analysis Of Dual Input Z Source of Matrix Converter	Akil Ahmed	International Journal Of Multidisciplinary Research In Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Analysis Of Dual Input Z Source of Matrix Converter	Ishraque Ahmed	International Journal Of Multidisciplinary Research In Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Robotic Arm Control Using Human Forearm Emg Signal	Dr. Archana Shirbhate	International Research Journal of Modernisation In Engg. Tech. & Sci.	2023	ISSN 2582-5208
Robotic Arm Control Using Human Forearm Emg Signal	Shabnam Rukhsar	International Research Journal of Modernisation In Engg. Tech. & Sci.	2023	ISSN 2582-5208
Three Phase Transmission Line Fault Detection System Using IOT	Nawaz Sheikh	International Journal of Multidisciplinary Research in Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Three Phase Transmission Line Fault Detection System Using IOT	Nahid Khan	International Journal of Multidisciplinary Research in Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Three Phase Transmission Line Fault Detection System Using IOT	Nawaz Sheikh	The International Journal Of Analytical and Experimental Modal Analysis	2023	IJAEMA/ 8318
Three Phase Transmission Line Fault Detection System Using IOT	Nahid Khan	The International Journal Of Analytical and Experimental Modal Analysis	2023	IJAEMA/ 8318
Robotic Arm Control Using Human Forearm Emg Signal	Dr. Archana Shirbhate	Indian Institution of Industrial Engg	2023	0970-2555
Robotic Arm Control Using Human Forearm Emg Signal	Shabnam Rukhsar	Indian Institution of Industrial Engg	2023	0970-2555
Performance Of UPQC In Hybrid Renewable Energy Sources	Akil Ahmed	International Journal Of Multidisciplinary Research In Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Performance Of UPQC In Hybrid Renewable Energy Sources	Akil Ahmed	The International Journal of Analytical and Experimental Modal Analysis	2023	IJAEMA/ 8374
Electricity Generation Using Rooftop Ventilator.	Dr. Ruhi Uzma Sheikh	The International Journal of Analytical and Experimental Modal Analysis	2023	IJAEMA/ 8317
Electricity Generation Using Rooftop Ventilator.	Nawaz Sheikh	The International Journal of Analytical and Experimental Modal Analysis	2023	IJAEMA/ 8317
Enhancement of Safety Features for Vehicles Using Advanced Driver Assistance System	Pramod Gadge	Indian Institution of Industrial Engg	2023	0970-2555
Enhancement of Safety Features for Vehicles Using Advanced Driver Assistance System	Safique Memon	Indian Institution of Industrial Engg	2023	0970-2555
Analysis of Dual Input Z Source of Matrix Converter	Akil Ahmed	The International Journal of Analytical and Experimental Modal Analysis	2023	ISSN-0886-9367
Analysis Of Dual Input Z Source of Matrix Converter	Ishraque Ahmed	The International Journal of Analytical and Experimental Modal Analysis	2023	ISSN-0886-9367
Hybrid Energy Generation for Mukti Vehicles Charging Station Model	Najma Siddiqi	International Journal of Multidisciplinary Research In Science Engg, Tech & Mgm	2023	ISSN-2395-7639
Hybrid Energy Generation for Mukti Vehicles Charging Station Model	Dr. Sayyad Naimuddin	International Journal of Research in Engg & Sci	Na	ISSN :2320-9364
Development of Railway Track Crack Detection System Using Arduino	Najma Siddiqui	International Journal of Research in Engg & Sci	2023	ISSN:2395-602x
Development of Railway Track Crack Detection System Using Arduino	Akil Ahmed	International Journal of Research in Engg & Sci	2023	ISSN:2395-602x
Improvement of Distance Protection in TCSC Compensated Transmission Line Connected with DFLG Farm	Ruhi Uzma Sheikh	Indian Institution Of Industrial Engg	2023,	0970-2555
Electrical Vehicle Fast Charging Optimization at Charging Station	Dr. Archana Shirbhate	Scopus Indexed	Dec-22	1006-5911
Intelligent Safety System for Electric Vehicles And Auto Repairing System	Dr. Archana Shirbhate	Scopus Indexed	Apr-23	1006-5911
Method &Process for Independent Power Supply of anElectric Transaction Car	Dr. Archana Shirbhate	Scopus Indexed	Apr-23	1006-5911
Design an Advanced Solar Based Electric Vehicles Charging Small Unit Power Station	Dr. Archana Shirbhate	Scopus Indexed	Dec-22	1303-5150

Details of Placement 2022-2023
Department : Electrical Engineering

ON CAMPUS
Placement

Sr. No.	No. of Students Placed	Name of The Employer	Name of the Students	Package Received (Lacs/annum)
1	1	TCS	Sahil Sheikh	3.36
2	1	Grind Master	Shaswat Das	
3	1	Collabera	Fiza Abid Sheikh	
4	2	Polycab	Fiza Abid Sheikh	
5			Sohel N Pathan	
6	16	Dhoot Transmission	Ankit R Lohi	1.44
7			Mayuri S Dewase	
8			Fiza Abid Sheikh	
9			Nidhi Meshram	
10			Sakshi Bangar	
11			Sohel N Pathan	
12			Ujwal Wankhede	
13			Kunal M Meshram	
14			Akash V Choudhari	
15			Sahil S Mamidwar	
16			Manish P Dhamne	
17			Sheikh Sabir Shabbir	
18			M Noman Raza	
19			S Hibjul Raheman	
20			Tushar Tatte	
21			Tejas A Mohod	
22	2	SGS Tech Services	Fiza Abid Sheikh	
23			Natasha Khobragade	
24	1	My Captain	Natasha Khobragade	
25	1	Skolar	Natasha Khobragade	
26	1	Flipkart	Leena Mahajan	3
27	9	ABCO Computers	Natasha Khobragade	2.4
28			Abdul Muiz Sheikh	
29			Sahil Mamidwar	
30			Satyam Tomar	
31			Shubham Khorgade	
32			Fiza Abid Sheikh	
33			Mayuri Dewase	
34			Sheikh Sabir	
35			Manish Dhamne	
36	1	Aptitech Education Pvt. Ltd.	Fiza Abid Sheikh	4.12

Parent Teachers Meet'22



Seminar & Guest Lecrures

1st Year Induction Program 25.08.2023



Alumni Interaction by Mrs Amrin Khan



Seminar on Competitive Exam. by Lalit Gunani



Induction Program



Induction progmr of First year Electrical Engineering Student Student



Mr. Anil Tatode, Training officer from Dept. of Robotics and cloud Technology, RTMNU, Nagpur was invited to enlighten the students on the technical topic **ROBOTICS AUTOMAT**



Mr. Nitin.R. Shringhey, Training officer from Career Launcher, Nagpur was invited to enlighten the students on the technical topic **IMPORTANCE OF LANGUAGE IN COMMUNICATION**

INDUSTRIAL AWARENESS AND OPPORTUNITIES IN METRO by **Mr. Pravin Jadhav**, B.Tech,M-Tech,MBA, having 8 years experience in Metro Project Design Nagpur



DEPARTMENT OF ELECTRICAL ENGINEERING

Seminar on PLC and Automation in Industry



Short Film Presentation on Millets Made by NITTR Bhopal



ACTIVITIES

ACTIVITY - 1



ACTIVITY - 2



OUTREACH ACTIVITY VIGYAN BHARTI



Seventh semester students of Electrical Engineering Department of ACET, Nagpur Conduct Seminar on ENERGY CONSERVATION for SHRI Sai School, Nagpur



Faculty Development Program sponsored by NITTR

**3rd Semester
Topper's
Winter-2022
Examination**



Ritik Satpute
Sem. III SGPA: 6.92
1st University Rank



Vipin Survanshi
Sem. III SGPA: 6.54
2nd University Rank



Akshay Lainpar
Sem. III SGPA: 5.96
3rd University Rank

**4th Semester
Topper's
Summer-2023
Examination**



Vipin Suravanshi
Sem. IV SGPA: 6.25
1st Topper



Akshay Lainpar
Sem. IV SGPA: 6.17
2nd Topper



Ninad SHambharkar
Sem. IV SGPA: 5.83
3rd Topper

**Students'
Achievements**

**5th Semester
Topper's
Winter-2022
Examination**



Shruti Sakhare
Sem. V SGPA: 7.70
1st Topper
1st University Rank



Khushboo Nandeshwar
Sem. V SGPA: 6.60
2nd Topper



Sanika Dhume
Sem. V SGPA: 6.55
3rd Topper



Shalini Dhawale
Sem. V SGPA: 6.10
4th Topper

**6th Semester
Topper's
Summer-2023
Examination**



Shruti Sakhare
Sem. VI SGPA: 7.67
1st Topper



Kiran Dambhare
Sem. VI SGPA: 6.14
2nd Topper

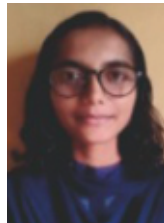


Sanika Dhume
Sem. VI SGPA: 7.28
3rd Topper



Shalini Dhawale
Sem. VI SGPA: 7.19
4th Topper

**7th Semester
Topper's
Winter-2022
Examination**



Leena Mahajan
Sem. VII SGPA: 8.43
1st Topper
2nd University Rank

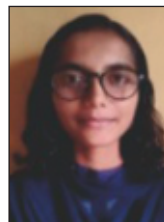


Shaswat Das
Sem. VII SGPA: 7.77
2nd Topper
19th University Rank



Tushar Tatte
Sem. VII SGPA: 6.93
3rd Topper

**8th Semester
Topper's
Summer-2023
Examination**



Leena Mahajan
Sem. VIII 81.70%
CGPA : 8.66 SGPA: 8.43
1st Topper
2nd University Rank



Shaswat Das
Sem. VIII 76%
CGPA : 8.04 SGPA: 8.35
2nd Topper
18th University Rank



Soheli N. Pathan
Sem. VIII 77.90%
CGPA : 7.75 SGPA: 8.54
3rd Topper



Soheli N. Pathan
Sem. VIII 77.9%
CGPA : 7.45 SGPA: 8.23
4th Topper

Congratulations

Students Forum PHOENIX & ECC



AYP



ACET EE Poster Competition



Convocation Ceremony through AICTE Delhi



Box Cricket

Engineer's Day Celebration 17 Sept. 2022



IEI POSTER COMPETITION 20.12.2022



IEI Workshop 20.12.2023



National Level Event TECH-SAGA 2023



Outreach Activity Organised by

VIBHA VIGYAN BHARTI NAGPUR



Teacher Day 05.09.2023



WON 1st & 3rd Prize IEI Poster Competition



Industrial Visits



One day Industrial Visit for 6th and 8th semester student to HVDC Back to Back converter substation Chandrapur



one day industrial visit for the students of 7th semester at Area Load Dispatch Centre, Ambazari.



one day industrial visit for the students of 5th semester at Khaperkheda 500 MW Thermal Power Station.

Articles



Virtual reality (VR) is a computer-based system that uses software, screens on each eye, and interactive controls to allow a person to enter a virtual, digital world. It can also be achieved using tablets and Smartphone's with the screen as the virtual world, but this is a less immersive way and often applies to augmented rather than virtual reality. Virtual reality (VR) modeling and simulation that enables a person to interact with an artificial three-dimensional (3-D) visual or other sensory environment. As an Educational purposed one of the most powerful ways to show off virtual reality in education is to take virtual tours. This can mean visiting a location, anywhere in the world, without the usual issues of cost, transport, waiver forms, and even crowds to worry about. Instead, users can slip on VR headsets and all go on a tour together. But it goes further as this can also go beyond time, allowing the user to go back and visit an ancient city that's now gone.

Rithik Satpute

4th Semester Electrical



Don't Quit

When things go wrong as they sometimes will,
When the road you're trudging seems all up hills,
When the funds are low and the debts are high
And you want to smile, but you have to sigh,
When care is pressing you down a bit,
Rest if you must, but don't you quit.

Life is strange with its twists and turns
As every one of us sometimes learns,
And many a failure comes about
When he might have won had he stuck it out;
Don't give up though the pace seems slow-
You may succeed with another blow.

Success is failure turned inside out-
The silver tint of the clouds of doubt,
And you never can tell just how close you are,
It may be near when it seems so far;
So stick to the fight when you're hardest hit-
It's when things seem worst that you must not quit.

For all the sad words of tongue or pen
The saddest are these: "It might have been!"

Leena Mahajan

8th sem, Electrical Engineering

