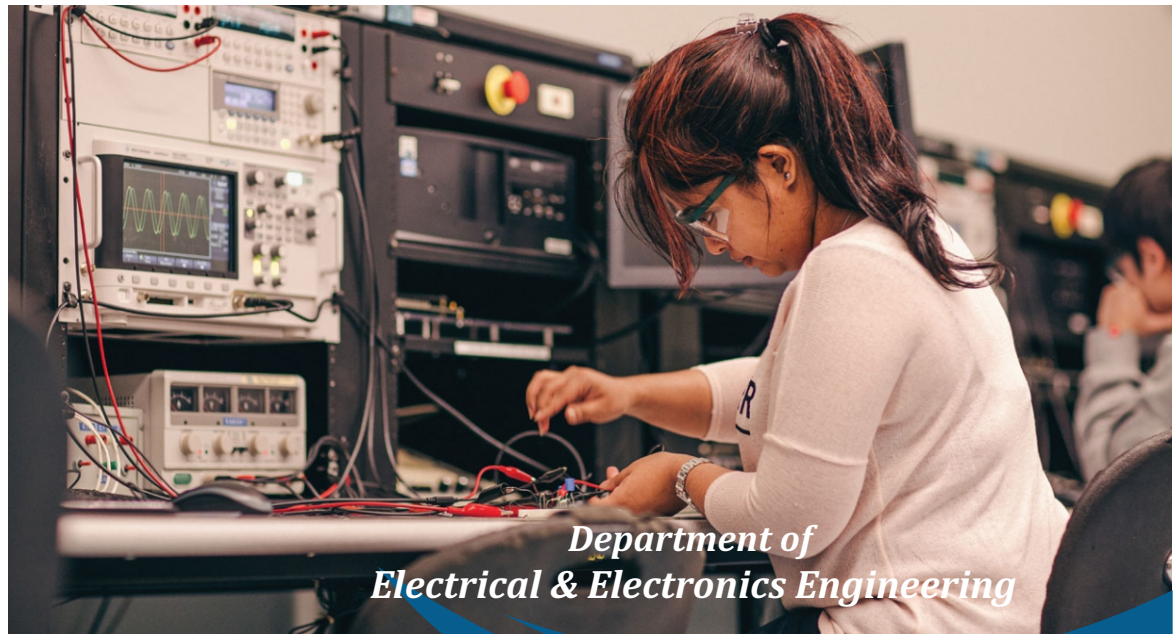




# “Ele-Xpress”



Volume 5,  
Issue 1  
September  
2022



Department of  
*Electrical & Electronics Engineering*



## PREFACE

The Department of has recorded consistent improvement in its academic, research, and placement performance. Department offers a range of innovatively designed programmes whose curricula are constantly updated to meet the changing requirements of the industry and also meet the needs of major stakeholders.

When publishing these newsletters, the only thing we had in mind was that they should reflect the outlook of the department in all aspects. Hereby, we, the editors, take the responsibility of ensuring the continuity of the issues in the years to come with improvements and richness every time. We are pretty sure that you will get a lot of useful information from it.

The department publishes the following newsletters and technical magazines. The departmental newsletter has four issues in a year; issue 1 publishes in the month of September, issue 2 publishes in the month of December, issue 3 publishes in the month of March, and issue 4 publishes in the month of June. Technical Magazine publishes one per year, i.e., in June of every year. The editorial board for both is common; there are four student members (one from each semester) and three faculty members on the editorial board.

## MISSION AND VISION OF THE INSTITUTE

### Vision of Institution :



- Initially to seek autonomy and eventually grow the Institute into a renowned University by:
- Imparting the best technical and professional education to the students of the Institute.
- Developing all the Departments of the Institute as Centers of Excellence.
- Creating the most congenial and cordial environment of Teaching, Learning and Research in the Institute.
- Conceiving world – class Education, Ethics and Employability for students in global perspective.

### Mission of Institution :



To explore and ensure the best environment to transform students into creative, knowledgeable, principled engineers and managers compatible with their abilities in ever-changing socio-economic and competitive scenario by :

- Imparting intensive teaching and training through latest technology
- Motivating the teachers for higher learning and innovative research activities with social services.
- Generating maximum opportunities for placement of students in National, Multi-National companies and nurturing entrepreneurship quality.
- Producing highly intellectual citizens through technical education to constitute an elegant society and meeting social challenges.

## MISSION AND VISION OF THE DEPARTMENT

### Vision of Department:

“The Department of Electrical and Electronics Engineering aims to achieve excellence by providing high quality teaching and learning process, inculcating ethical and moral values, innovation and research to produce skilled technocrats to meet the needs of the society.”

### Mission of Department:

The Department aims to realize the Vision through the following Mission by:

- Providing a quality engineering education by implementation of latest technologies and processes.
- Creating opportunities to carry out research and innovation and understand the importance of lifelong learning.
- Organizing student centric programs, trainings and make them employable in national and multinational organizations.
- Preparing them to be successful engineers and train them to provide sustainable solutions to the industry and society.



## Department of Electrical & Electronics Engineering





## EDITORIAL

### FROM PRINCIPAL DESK



It is a matter of great pride and satisfaction for GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES to bring out the News Letter 'Ele-Xpress' released from the Department of Electrical & Electronics Engineering. The College has made tremendous progress in all areas of academic, non-academics, capacity building relevant to staff and students.

I am confident that this issue of Department's News Letter will send a positive signal to the staff, students and the person who are interested in the Technical education and Technology based activities.. I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in record time. I express my deep sense of gratitude to Dr. Ruchi Pandey, HOD Department of Electrical & Electronics Engineering under whose guidance this Technical news latter has been undertaken and published within the stipulated time. Also my heartfelt Congratulations to staff members and Students for their fruitful effort. With Best Wishes

### FROM HOD'S DESK



It gives me great pleasure to congratulate students, teachers and staff of Department of Electrical And Electronics Engineering for the publication of newsletter "Ele-Xpress". It is a technical platform to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence. Newsletter is believed to be a focus of the inside activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. We have arranged several activity (academic & other) for our 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students during 1<sup>st</sup> April to 30<sup>th</sup> June 2023.



**Department of**  
**Electrical & Electronics Engineering**

## EVENTS ORGANIZED BY THE DEPARTMENT

### Seminar

- One day seminar on "Ujjwal Bharat Ujjwal Bhavishya, Power@2047" dated on 27/07/2022.

### Expert Talk / Guest Lecture:

- Guest Lecture on "Challenges And opportunities: Core Companies, Higher Education And Entrepreneurship" delivered by Ms. Mukta Dengra dated on 21/8/2022.
- Guest Lecture on "Opportunities for International Studies" delivered by Ms. Mukta Dengra dated on 27/07/2022.

### Other Activity

- Industrial Visit Industrial Visit Central Training Institute (CTI), MPPKVCL dated on 16/09/2022.
- Training on "MS-Excel & Power BI" delivered by, Dr. Ashok Verma dated on 11/08/2022 to 13/08/2022.
- Training on "Designing & Positioning of Solar PV System" Department Of Electrical & Electronics 5 th semester students delivered by Asst Proff Ritu Sharma, Asst Proff Parul Sharma & Asst Proff Anand Goswami dated on 11/07/2022 to 16/07/2022.
- Training on "Hands on Training on Transformer Design & PCB Fabrication" Department Of Electrical & Electronics 3<sup>rd</sup> semester students delivered by Asst Proff. Amit Gupta & Asst Proff. Ashok Soni dated on 18/07/2022 to 30/07/2022.
- Faizan Ali students of EX III semester won 2<sup>nd</sup> position in FOOTBALL in Sansad Trophy khel mahotsav 2022 dated on November 2022.
- Tanish Chourasia students of EX I semester won Gold Medal in 18 National Jump Rope Championship 2022 dated on Jul 2022.





## ACHIEVEMENTS

### PAPER PUBLICATION :

- Dr. Ruchi Pandey published a paper topic “An Exploratory Investigation Towards Evaluating Criteria's To Solar Panels: Study Under Mcdm Directory” on International Journal of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering , Vol. 10, Issue 8, August 2022, ISSN (O) 2321-2004, ISSN (P) 2321-5526 dated on August 2022
- Dr. Ruchi Pandey published a paper topic “Evaluation Of Solar Panels For Improved Competency: A Comparative Study And Appraisalment With Topsis” On International Advanced Research Journal In Science, Engineering And Technology, Vol. 9, Issue 7, July 2022 , ISSN (O) 2393-8021, ISSN (P) 2394-1588 dated on July 2022.
- Dr Rajeev Kumar Chauhan published a paper topic “Multistage Expansion Planning Of Active Distribution System Network” on Recent Advances In Electrical & Electronic Engineering Volume 15, Issue 3, Pp: 216-233, ISSN (Print): 2352-0965 ISSN (Online): 2352-0973 dated on Jul 2022.
- Dr Rajeev Kumar Chauhan published a paper topic “Multi-Period Expansion Planning For Distribution Network Incorporating Multiple Cost And Reliability” on IEEE-PSES, 3rd International Conference On Engineering And Advancement In Technology (ICEAT 2022), ISBN 978-93-81288-22-1, dated on Jul 2022

### BOOK PUBLICATION :

- Mr. Anand Goswami Published a Book titled Micro Electronic Materials by RK Publications (Registered under MSME) Government of India ISBN No: - 978-93-95331-72-2, Year: 2022



**Department of**  
**Electrical & Electronics Engineering**

### Result: Session (Jan-Jun 2022)

#### IV Semester

1. Jiya Lal Charmkar (0206ex201019) 7.79 Sgpa
2. Abhilesh Verma (0206ex201001) 7.67 Sgpa
3. Sharad Pandey (0206ex201042) 7.67 Sgpa

#### II Semester

1. Madhur Nanhorya (0206ex211028) 8.81 Sgpa
2. Aparna Chimnani (0206ex211014) 8.57sgpa
3. Zoukia Akhtar (0206ex211064) 8.00 Sgpa

### PLACEMENTS:

- From 1<sup>st</sup> October to 30 December 2022, following Students was selected the various company.

S. No.	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
1	MADHUKAR TIWARI	0206EX191022	Unthinkable Solutions	Offer, Sep. 10, 2022



## EDITORIAL TEAM

#### Faculty :-

1. Dr Ruchi Pandey
2. Prof. Shalini Vaishya
3. Prof. Ashok Soni

#### Students :-

1. Khushboo Agrawal
2. Shivahans Singh
3. Zoukia Akhtar
4. Tanish Chourasiya