



“Ele-Xpress”



Volume 4,
Issue 1
September
2021



*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
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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 2nd, 3rd and 4th year students during 1st April to 30th June 2023.



Department of
Electrical & Electronics Engineering

EVENTS ORGANIZED BY THE DEPARTMENT

Expert Talk

- Expert Talk on “Improved Power System Protection and Control in a Robust Smart Grid” delivered by Mr Chetan Chauhan Regional Manager, Sofcon India Pvt. Ltd. Indore dated on 21/08/2021.
- Two days training programme on “MS-Excel & Power BI” delivered by Dr Ashok Verma dated on 13/08/2021 to 14/03/2021.
- A Seminar on “Cyber Security” delivered by Mr. M. Pandey, Jabalpur Cyber Cell dated on 11/8/2021

Other Activity

- Department of Electrical & Electronics conducted a competition “Poster Competition on Save Earth” for all the students, organized by IEI Jabalpur dated on 15/9/2021..



ACHIEVEMENTS

PAPER PUBLICATION :

- Dr Ruchi Pandey published a paper “Power Quality Improvement By Monitoring And Using Converter In Household Electricity” on International Journal Of Grid And Distributed Computing, Vol. 14, No. 01, (2021), pp.1419-1430 ISSN: 2005-4262 (ONLINE), dated on 2021.
- Dr. Pawan Kumar Pandey published a paper “Analysis Of Integrated Grid-Connected PV/Battery System Under Various Operating Conditions” on Design Engineering (Toronto) 2021-07 0011-9342 dated on 2021
- Dr. Pawan Kumar Pandey published a paper “Hybrid System - Framework Which Prompts Produce Power With Reasonable Expense Without Harming The Nature Balance” on Design Engineering (Toronto) 2021-09 0011-9342 dated on 2021
- Mr. Anand Goswami published a paper “Performance Comparison Of 3 kw Residential Grid-Connected Photovoltaic System Between Micro Inverter And String Inverter Topology Using System Advisor Model” on International Research Journal Of Engineering And Technology (IRJET) Volume: 08 Issue: 09 dated on 2021.

BOOKS / BOOK CHAPTERS PUBLICATIONS:

- Dr Ruchi Pandey Published Book Chapter in book titled Intellectual Property Rights and Contemporary Issues in Innovation, Ecosystem, Environmental and Sustainable Development (Book Chapter) by Black Pearl Publications, ISBN No.- 978-93-90975-39-6, Year: 2021, Book Chapter No.- 05, pp 55-60, Title: Concept of Intellectual Property Rights, Sustainable Development



Department of
Electrical & Electronics Engineering

Result: Session (Jan-Jun 2021)

IV Semester

- Akshat Jain (0206EX191006) 9.58 SGPA
- Raksha Patle (0206EX191032) 9.58 SGPA
- Robin Masih (0206EX1910350) 9.29 SGPA

II Semester

- Ritesh Patel (0206EX201035) 9.81 SGPA
- Tanay Baid (0206EX201060) 9.76 SGPA
- Prateek Lanjiwar (0206EX201032) 9.67 SGPA

PLACEMENTS:

- From 1st July to 30 September 2021, 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	Aanchal Kesarwani	0206EX181001	Persistent System	Mail, Sept. 27, 2021
2	Gagan Pandey	0206EX181017	Persistent System	Mail, Sept. 27, 2021
3	Nidhi Singh Chouhan	0206EX181026	Capgemini	Superset Id: 1436665
4	Monti Luhar	0206EX181025	Capgemini	Superset Id: 1436690
5	Ishan Jain	0206EX181020	Capgemini	Superset Id: 1436580
6	Aanchal Singh	0206EX181008	Capgemini	Superset Id: 1436572
7	Yukta Vaidya	0206EX181056	Capgemini	Superset Id: 1437001
8	Ayush Yadav	0206EX181013	KEC International Ltd	Offer Letter Dated, 28-08-2022
9	Aniket Jain	0206EX181009	KEC International Ltd	Offer Letter Dated, 28-08-2022
10	Aman Pandey	0206EX181007	KEC International Ltd	Offer Letter Dated, 28-08-2022
11	Adarsh Kumar Gupta	0206EX181005	JBS Pvt. Ltd.	Jbs/Hr/21-22/201202
12	Devashish Jhariya	0206EX193D02	JBS Pvt. Ltd.	Jbs/Hr/21-22/201212
13	Rakesh Kumar Sahu	0206EX193D03	JBS Pvt. Ltd.	Jbs/Hr/21-22/201215



EDITORIAL TEAM

Faculty :-

- Dr Ruchi Pandey
- Prof. Shalini Vaishya
- Prof. Ashok Soni

Students :-

- Shalini Choubey
- Khusboo Agrawal
- Shivahans Singh
- Zoukia Akhtar