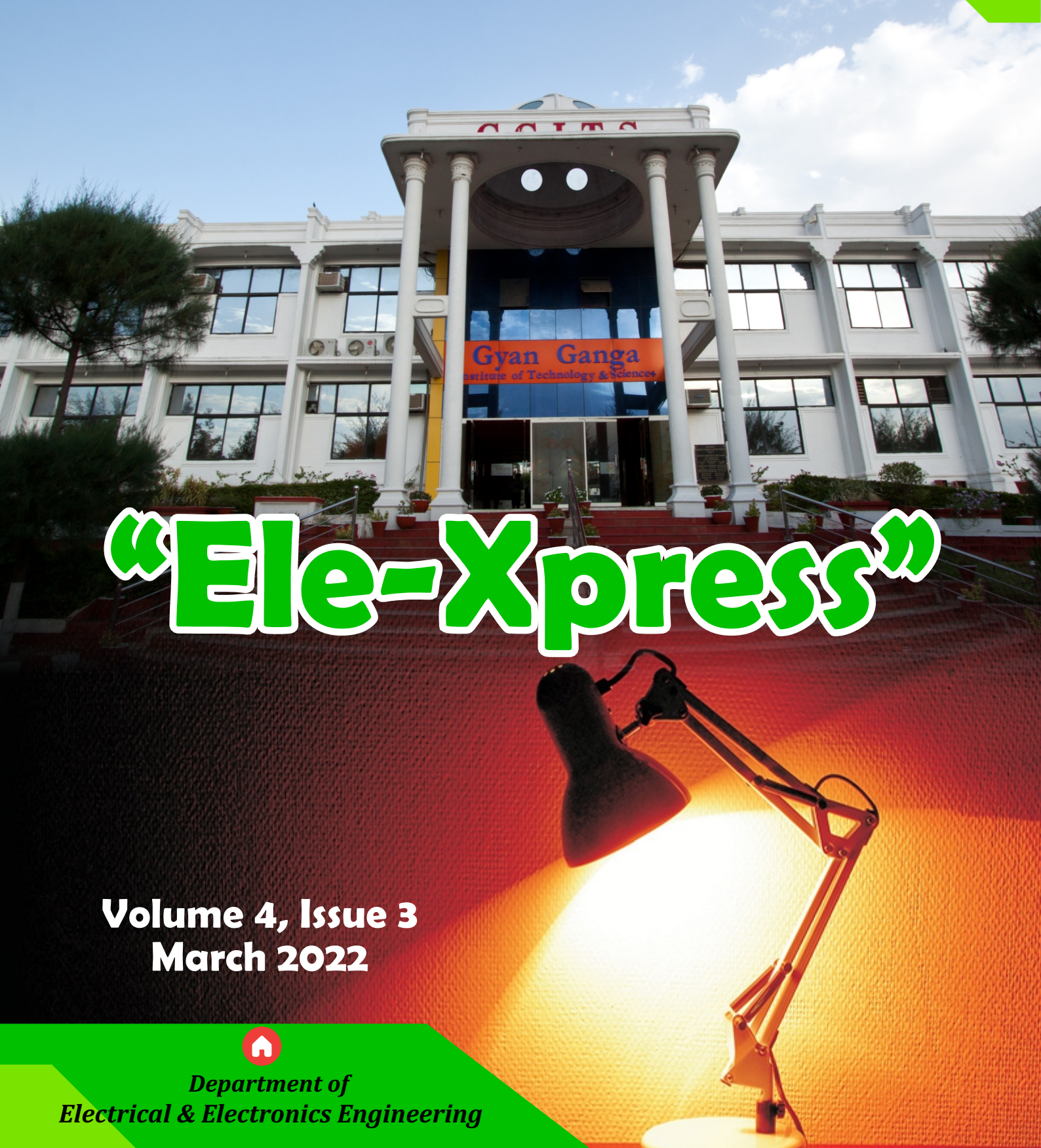




Gyan Ganga
Institute of Technology & Sciences
Jabalpur (M.P.)

GYAN GANGA
GROUP OF INSTITUTIONS
Committed for Excellence



“Ele-Xpress”

Volume 4, Issue 3
March 2022



Department of
Electrical & Electronics Engineering

📍 P.O. Tilwara Ghat, Bargi Hills, Jabalpur, Madhya Pradesh Pin No. - 482003

Connect with us: [LinkedIn](#) [Facebook](#) [Instagram](#) [Twitter](#) www.ggits.org



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.





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 letter 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.



EVENTS ORGANIZED BY THE DEPARTMENT

Expert Talk:

- Expert Lecture on “**Modernize your substation with digital capabilities**” delivered by Mr. M. M. Farooqui, Corporate Trainer , Sofcon India Pvt. Ltd. Indore dated on 25/03/2022.
- Expert Lecture on “**Development of artificial intelligence in electrical power system applications**” delivered by Dr. Vivek Chandra, General Manager and Head IT, MPPKVVCL Jabalpur dated on 26/02/2022.
- Guest Lecture on “**Applications of Signals & Systems**” delivered by Dr. G.C. Manna , CGM, BSNL, Jabalpur dated on 21/01/2022.
- Expert talk on “**To design a data base solution for a Business or Organization**” dated on 10-01-2022.

Trainings:

- One week training programme on “**Python Programming**” delivered by in house trainer of GGITS, Jabalpur dated on 27-01-2022 to 03-02-2022.



- One week training programme on “**Programming in C++**” delivered by in house trainer of GGITS, Jabalpur dated on 17-01-2022 to 22-01-2022



Other Activity

- Industrial Visit Rani Avanti Bai Sagar (Bargi), Hydroelectric Project, Jabalpur dated on 15/03/2022.





- The following students participated in one day training programme Urja Mitra Phase I - Urja Saksharta Abhiyan by GOI dated on 13/03/2022.

1.Jiyalal Charmkar 2.Anurag Namdeo 3.Krishn Kumar Ahirwar 4.Nikita Patel
5.Ritesh Patel 6.Riya Kanojiya 7.Sanjna Dongre 8.Shalini Patel
9.Nikita Patel 10.Ritesh Patel

ACHIEVEMENTS

PAPER PUBLICATION :



- Dr Ruchi Pandey published a paper “Analytical Approach On Energy Management System And Utilization In Madhya Pradesh For Paper Industry” on International Advanced Research Journal In Science, Engineering And Technology, Vol-45, No.-1, (III) January-March (2022) ISSN: 2249-6661 dated on Jan 2022.
- Dr Ruchi Pandey published a paper “Implementation And Analysis Based On Power Grid On Energy Storage System Quality: A Review” On Accent Journal Of Economics Ecology & Engineering , Vol. 06, Issue 01, January 2022, pp.2456-1037, ISSN NO. 2456-1037 , dated on Jan 2022.

RESULT: SESSION (JUL-DEC 2021)

- In the month of January to March, 2022, RGPV Bhopal declared the result of VII, V, III & I semester. The following students of department secure the positions of 1st, 2nd & 3rd.

VII Semester

1. SHALINI CHOUBEY (0206EX181041) 9.83 SGPA
2. NIDHI SINGH CHOUHAN (0206EX181026) 9.71 SGPA
3. AANCHAL KESARWANI (0206EX181001) 9.58 SGPA

V Semester

1. ADITYA GUPTA (0206EX191002) 9.46 SGPA
2. ROBIN MASIH (0206EX191035) 9.42 SGPA
3. ADARSH VISHWAKARMA (0206EX191001) 9.33 SGPA

III Semester

1. PRATEEK LANJIWAR (0206EX201032) 10 SGPA
2. SHIVAHANS SINGH (0206EX201043) 10 SGPA
3. ANURAG NAMDEO (0206EX201009) 9.92 SGPA

I Semester

1. MADHUR NANHORYA (0206EX211028) 9.81 SGPA
2. ZOUKIAAKHTAR (0206EX211064) 9.43 SGPA
3. ABHISHEK PAROCHI (0206EX211004) 9.33 SGPA

PLACEMENTS:

From 1st Jan to 31 Mar 2022, following Students was selected the various company.

S.n o.	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
1	GARIMA SINGH	0206EX181018	Collabera	Email, dated Jan. 21, 2022
2	SHILPI MANIK	0206EX181042	AV Services	Offer, January 11, 2022
3	SEJAL GUPTA	0206EX181040	AV Services	Offer, January 11, 2022
4	SHALINI CHOUBEY	0206EX181041	CISCO	Offer letter dated, 1th Feb. 2022
5	SATYAM CHOUBEY	0206EX181039	Lancesoft India Pvt. Ltd.	Offer, Feb. 14, 2022
6	RAJNEESH CHOUDHARY	0206EX181036	Lancesoft India Pvt. Ltd.	Offer, Feb. 14, 2022
7	BHUPENDRA KUMAR	0206EX181014	Lancesoft India Pvt. Ltd.	Offer, Feb. 14, 2022

Faculty :-

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

Students :-

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

EDITORIAL TEAM