

# 2020 ( ODD SEM-2020-21) **TECH** **ZETTE** Electronics & Communication Engineering

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worlds



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## About THE DEPARTMENT

Department of Electronics & Communication Engineering (EC) of GGITS, Jabalpur offers B.Tech. in Electronics & Communication Engineering with an intake of 120 students and M.Tech. in Embedded System & VLSI Design and Communication system with an intake of 18 each. The department has excellent infrastructure as well as well equipped laboratories so that the students come out with knowledge of latest cutting edge technology in both software and hardware. The department has been accredited with excellence by National Board of Accreditation (NBA). The department has well experience dedicated faculty members with different specializations.

## VISION OF THE DEPARTMENT

To be center of excellence in teaching-learning and employability in various fields of Electronics and Communication Engineering to produce globally competent, innovative and socially responsible citizen.

## MISSION OF THE DEPARTMENT

- ☉ To offer high quality graduate and post graduate programs in Electronics and Communication with strong fundamental knowledge and to prepare students for professional career or higher studies.
- ☉ To discover and disseminate knowledge through learning, teaching, sharing, training, research, engagement and creative expression.
- ☉ To foster spirit of innovation and creativity among students, faculty and staff, promote environment of growth, participation in conferences, technical and community services and lifelong learning for all.



## MESSAGE FROM THE PRINCIPAL

The fact of launching the “Techzette”-2020 edition by the faculty, staff and students of ECE department of GGITS, Jabalpur gives me immense pleasure. It is indeed a matter of pride and satisfaction having this newsletter which showcases the progress in the areas of academic, extracurricular, faculty and students’ achievements of the department. “Techzette”-2020 is focussed on all sorts of activities undertaken by a department and opens the opportunity to enhance the writing skills among the members. This will not only benefit the students with the information of their departmental achievements but also motivate and aspire others to know the heights achieved by the ECE department. I congratulate the Editorial Board of this News Letter who have played a wonderful role in accomplishing the task in record time. I express my deep sense of gratitude to HOD, Dr. Neeta Nathani for undertaking the task and successful completion of the same. Also my heartfelt congratulations to staff members and students for their fruitful effort. With all my Best Wishes.



## MESSAGE FROM THE HOD

I'm pleased to announce that the Department of Electronics and Communication Engineering (ECE) has released its first Newsletter for Academic Year 2020-21, which details the different activities and achievements of our faculty and students. I wish that this would ignite the fires of enthusiasm in students' minds and generate fervour for innovative research ideas among the faculty of ECE. The sole vision of the department is to produce confident technologists with human qualities and Indian ethos. The department provides a great learning environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them. My best wishes to the Techzette editorial board for continuing to do such excellent work for academia.

Owing this global crisis, the academic boosting activities has now been switched to online mode, During this pandemic time "AICTE" has been aiding us with different academic activities, through which we can be benefitted to a great extent, abiding rules of Government and inculcating habits of learning in tough times. These initiatives will prepare us to serve effectively in tough times in a long run. Gyan Ganga Group has always been sincere towards following the guidelines for conducting these events. We had used Zoom, Cisco Webex & Microsoft Teams application for conduction of various events. Conduction of online classes was managed through Moodle.

## STUDENT'S CORNER

- ◆ Gaurav Bilthare participated in "Drawing Competition" on the occasion of Engineer's Day conducted by GGCT, Jabalpur on 05.09.2020.
- ◆ Ruhina Khan secured 1st position in "Drawing Competition" on the occasion of Engineer's Day conducted by GGCT, Jabalpur on 05.09.2020.
- ◆ Ankita Bhatta presented a paper on "Automated Air Cooler" conducted by OIST, Jabalpur on 16.10.2020. Akshita Shrivastava and Ankush Tharwani secured 1st and 3rd position respectively in "Online Quiz competition" on COVID Awareness conducted by GGCE, Jabalpur on 14.11.2020.
- ◆ Sanskar Singh secured 3rd position in "Extempore Competition" on the occasion of National Youth Day conducted by LNCT, Bhopal on 01.12.2020.
- ◆ Palak Jain presented a paper on "Hover craft" conducted by OIST, Jabalpur on 04.12.2020.
- ◆ Siddharth Garg presented a paper on "Visual navigation system for blind people" conducted by Global Engineering College, Jabalpur on 04.12.2020 and secured 1st position.
- ◆ Shudhanshu Payasi secured 2nd position in "Online Quiz competition" on COVID Awareness conducted by BIST, Bhopal on 18.12.2020.
- ◆ Bikram Ale participated in "Online Quiz competition" on COVID Awareness conducted by BIST, Bhopal on 18.12.2020.



# DEPARTMENTAL CORNER

- ◆ Programming Classes was organized for B.Tech. 7th semester students of EC from 08.08.2020. Prof. Zohaib Hasan and Prof. Abhishek Singh of department of EC, GGITS conducted the online classes.
- ◆ “International Conference on Innovations in Engineering & Technology” (ICIET), sanctioned by AICTE, New Delhi was organized online on 26.11.2020 to 27.11.2020. Various eminent speakers from industry and academia delivered lectures. Online sessions were also conducted where various candidates from different states presented their research.
- ◆ A webinar on “High-In-Demand VLSI topics” was organized for faculties and M.Tech. students of EC and EX on 12.12.2020. The resource person was an Industry Expert, Mr. Sivakumar P R from Maven Silicon.
- ◆ Training on “C & C++” was organized for B.Tech. 3rd sem students from 14.12.2020 to 24.12.2020. The training was conducted by Dr. Ashish Mishra, Professor-CSE, GGITS, Jabalpur.
- ◆ Training on “C++ & Python” was organized for B.Tech. 5th sem students from 14.12.2020 to 28.12.2020. The training was conducted by Prof. Zohaib Hasan and Prof. Abhishek Singh.
- ◆ One-Week ATAL Faculty Development Programmed on “Sustainability Engineering” on Theme: “Emerging Trends in Mechatronics, Automation and Robotics to save Planet” sponsored by AICTE was organized from 14.12.2020 to 18.12.2020. Participants from various states participated in the FDP.
- ◆ Microsoft and NSDC conducted virtual Imagine Camps across the country to drive awareness and educate students about the use of advanced technologies in their projects for B.Tech. students on 17.12.2020.
- ◆ A webinar on “High-In-Demand VLSI topics” was organized for faculties and B.Tech. 5th and 7th semester students of EC and EX on 18.12.2020. The resource person was an Industry Expert, Mr. Sivakumar P R from Maven Silicon.
- ◆ A webinar on the occasion of “National Mathematics Day” was organized for faculties and B.Tech. 1st semester students on 22.12.2020. The resource person was Dr. R.K. Pardasani, MANIT, Bhopal; Dr. Dharmendra Tripathi, NIT, Uttarakhand and Dr. Jai Prakash Tripathi, Central University of Rajasthan, Kishangarh.
- ◆ Interaction with Cisco Ideathon Qualifiers was organized online by CISCO for B.Tech. 3rd and 5th semester students on 30.12.2020.

## ALUMNI'S MESSAGE

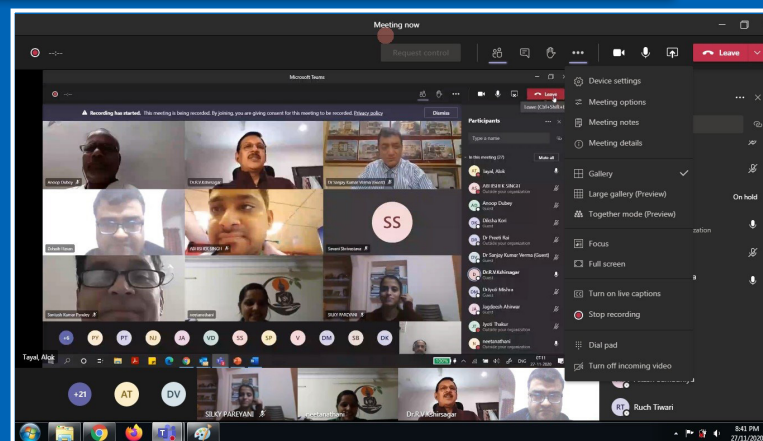
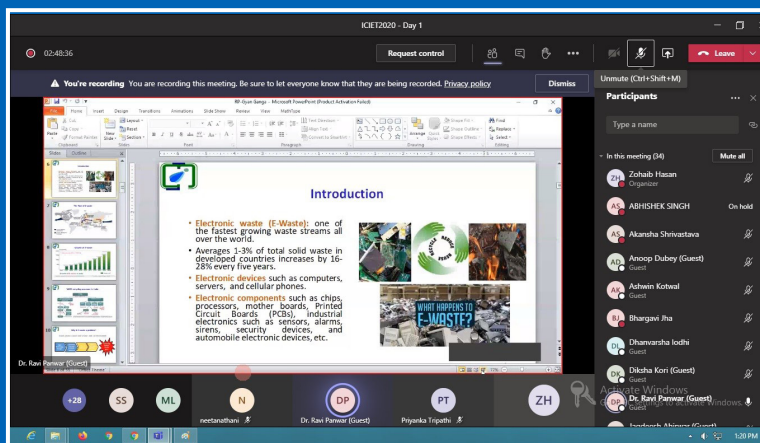
Achievements-applauds, opportunities-thoughts, this is what I gained from GGITS. Institute gave me a platform that I will cherish always. Someday I won and some days I learned. Right from inspiring words of our Principal Sir to petty sweet scolding of our beloved teachers, my life in GGITS was and will be the best experience. I can ever get from my life. This college let us fall by our own but made us climb on the ladder to success.

Shivam Shukla,  
Assistant Manager,  
Punjab National Bank

# EDITORIAL BOARD

**FACULTY EDITORS:** Prof. Laxmi Kosta, Prof. Surya Bazal, Prof. Priyanka Tripathi  
**STUDENT EDITORS:** Priyanshi Yadav, Sheena Lale, Shivali Patel

## PHOTO GALLERY



# Thank You