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 Communication system with an intake of 18. 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"-2021 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"-2021 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.

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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 2021-22, 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.

STUDENT'S
CORNER

◆ Varun Handwani and Swati Sahu participated in World Photographic Day on the topic of "Beauty of Holy Narmada" organized by St. Aloysius Engineering College, Jabalpur on 19.08.2021.

◆ Gaurav Chaudhary secured 2nd position in World Photographic Day on the topic of "Beauty of Holy Narmada" organized by St. Aloysius Engineering College, Jabalpur on 19.08.2021.

◆ Surbhi Khurasia, Minica Khandare, Astha Agarwal, Abhas Pandey and Arjun Singh secured 1st position in "Robotryst 2021 Competition" organized by IES Group of Institution, Bhopal on 03.12.2021.

◆ Ambul Dubey and Akshat Soni participated in "Treasure Hunt Competition" in Techfest organized by B.R.B.R.A.I.T.T., Jabalpur on 06.12.2021.

◆ Shantam Upadhyay secured 3rd position in "Treasure Hunt Competition" in Techfest organized by B.R.B.R.A.I.T.T., Jabalpur on 06.12.2021.

◆ Palak Verma and Pooja Kuraria participated in Essay writing Competition on "Need of Indian education system" organized by Vindhya Institute of Technology and Sciences, Satna on 13.12.2021.

◆ Pratishta Singh Rajpoot secured 1st position in Essay writing Competition on "Need of Indian education system" organized by Vindhya Institute of Technology and Sciences, Satna on 13.12.2021.

◆ Devansh Singhai presented a paper on "Mobile Stabilizer with tilt indicator" held at Annie Institute of Technology & Research Centre, Chhindwara on 23.08.2021 and secured 3rd position.

◆ Uday Haldkar presented a paper on "Health Tracker Band" held at Annie Institute of Technology & Research Centre, Chhindwara on 23.08.2021.

◆ Saksham Jhade presented a paper on "IoT based solar monitoring system with automated rotation and cleaning system" held at Annie Institute of Technology & Research Centre, Chhindwara on 23.08.2021 and secured 1st position.

◆ Sourabh Vinodiya presented a paper on "Voice Car Edge Avoider ROBOT" held at Annie Institute of Technology & Research Centre, Chhindwara on 23.08.2021.

◆ Nitin Bagri presented a paper on "Smart Glasses" in Technical Event "Umang" held at BITS, Bhopal on 08.09.2021 and secured 1st position.

◆ Shweta Patel presented a paper on "Gesture Controlled Wheelchair" in Technical Event "Umang" held at BITS, Bhopal on 09.09.2021.

◆ Soumya Jain presented a paper on "Multipurpose Quadcopter (Drone)" in Technical Event "Umang" held at BITS, Bhopal on 10.09.2021.

◆ Surabhi Khurasiya presented a paper on "Edge Avoider with obstacle Detector ROBOT" in National Symposium held at OIST, Jabalpur on 21.09.2021.

◆ Jagrati Nema presented a paper on "Smart Air Purifier" in National Symposium held at OIST, Jabalpur on 21.09.2021.

◆ Harshita Soni presented a paper on "Obstacles avoider ROBOT using Arduino" in National Symposium held at OIST, Jabalpur on 21.09.2021.

◆ Apoorv Verma presented a paper on "Automatic robotic waiter" in National Symposium held at OIST, Jabalpur on 21.09.2021 and secured 2nd prize.

◆ Sateesh Kourav presented a paper on "Analysis of high performance six stage 64 bit MIPS RISC Pipeline processor using FPGA VHDL" in Computer Science Global Technovation 2021 on 08.10.2021 and secured 2nd position.

◆ Garima Chaturvedi presented a paper on "Adaptive traffic light control using digital image processing" in Technovision 2021 organized by SRIT, Jabalpur on 11.10.2021.

◆ Suryash Sahu presented a paper on "Design of Low Power ZigBee Transceiver for IEEE 802.15.4 WLAN" in Technovision 2021 organized by SRIT, Jabalpur on 11.10.2021.

◆ Tavleen Kaur presented a paper on "Remote controlled Floor Cleaning ROBOT" in Technovision 2021 organized by SRIT, Jabalpur on 11.10.2021 and secured 3rd position.

◆ Abhas Pandey presented a paper on "RFID Based attendance System" under Tarang 2021 organized by VITS, Satna on 22.11.2021.

◆ Samreen Jahan presented a paper on "Smart Eye Technology" under Tarang 2021 organized by VITS, Satna on 22.11.2021.

◆ Vaishnavi Sanodiya presented a paper on "3D Printing Technology" under Tarang 2021 organized by VITS, Satna on 22.11.2021.

◆ Tavleen Kaur presented a paper on "The impact of COVID-19 on student equity and inclusion: Supporting vulnerable students during school closures and school re-openings" under Tarang 2021 organized by VITS, Satna on 22.11.2021.

◆ Esha Sharma presented a paper on "Is Emergency Remote (Online) Teaching in the First Two Years of Medical School During the COVID-19 Pandemic Serving the Purpose?" under Tarang 2021 organized by VITS, Satna on 22.11.2021 and secured 1st position.

◆ Akash Gupta presented a paper on "5G Wireless Technology" under Inter college Fest organized by LNCT, Bhopal on 13.12.2021.

◆ Ruhina Khan presented a paper on "Smart Solutions for Pandemic situations" under Inter college Fest organized by LNCT, Bhopal on 13.12.2021.

◆ Sarthak Mehta presented a paper on "Internet of Things Security Issues, Threats, Attacks and Counter Measures" under Inter college Fest organized by LNCT, Bhopal on 13.12.2021.

◆ Deepansh Tiwari presented a paper on "Virtual Network Computing" under Inter college Fest organized by LNCT, Bhopal on 13.12.2021 and secured 3rd position.

DEPARTMENTAL
CORNER

◆ A webinar on "Real Time AI Based Project Making With NVIDIAJETSON 2GB Kit" was organized on 14.08.2021. The resource person was Dr. Shriram Vasudevan, ACM Distinguished Speaker, Coimbatore.

◆ In house training on "Java" was conducted for B.Tech. 5th semester students from 02.08.2021 to 07.08.2021. The resource person was Prof. Zoahib Hasan.

◆ In house training on "Tinkercad" was conducted for B.Tech. 5th semester students from 02.08.2021 to 07.08.2021. The resource person was Prof. S.U. Khaparkar and Prof. Rajender S. Yadav.

◆ In house training on "Programming in C & C++" was conducted for B.Tech. 3rd semester students from 16.08.2021 to 21.08.2021. The resource person was Prof. Shitanshu Jain, Assistant Professor-CSE, GGITS, Jabalpur.

◆ In house training on "Advance PCB design using Tinkercad" was conducted for B.Tech. 3rd semester students from 16.08.2021 to 21.08.2021. The resource person was Prof. Sunil Shah, Prof. R S Yadav, Prof. Priyanka Tripathi.

◆ In house training on "Coding Training" had started from 27.11.2021 for B.Tech. 1st semester students and continued on every Saturday for that session. The resource person was Prof. Zohaib Hasan and Prof. Varun Garg-Assistant Professor, MCA-GGITS, Jabalpur.

◆ Welcome party for B.Tech. 1st year students was organized by B.Tech. 2nd year students on 23.12.2021 to have interaction day between juniors and seniors.

ALUMNI'S
MESSAGE

Finding the right path to success at the right time is really very important and for that way I had selected GGITS. The friendly environment, the systematic approach towards imparting education at GGITS made me a competent individual. The wide range of activities - both curricular and co-curricular- along and the support from GGITS is really very helpful for my future. The faculties are really very kind and approachable when any need arises. In GGITS, we are trained for our placements and because of that I was placed in one of the reputed companies for my internship. Today, if I am in good position it's because of what I have learnt from GGITS. Lastly I am really proud to be an GGITIAN.

Ananta Gupta,
Software Testing Engineer,
Amdocs

EDITORIAL
BOARD

FACULTY EDITORS: Prof. Laxmi Kosta, Prof. Surya Bazal, Prof. Priyanka Tripathi
STUDENT EDITORS: Ayushi Shukla, Shikha Gujral, Minica Khandare

PHOTO GALLERY

Thank You