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Gyan Ganga
Institute of Technology and Sciences

2020 (EVEN SEM-2020-21)
TECH ZETTE
Electronics & Communication Engineering

YOU
gotta be
able to change
worlds

Contact Us - +91 942 53 23089, +91 982 61 18736

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

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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"-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.

MESSAGE
FROM THE HOD

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I'm pleased to announce that the Department of Electronics and Communication Engineering (ECE) has released its second 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.

STUDENT'S
CORNER

◆ Priyanshi Yadav secured 2nd position in "Essay writing Competition" on Global Pandemic Situation conducted by SRIT, Jabalpur on 27.01.2021.

◆ Pragya Vishwakarma secured 3rd position in "Online workshop and Quiz on Computer Networking" conducted by CRISP, Jabalpur on 08.02.2021.

◆ Akansha Solanki presented a paper on "IoT based green house system" conducted by Aditya College of Technology and Sciences, Satna on 12.02.2021.

◆ Aayush Koshta presented a paper on "Smart Society System" conducted by Aditya College of Technology and Sciences, Satna on 12.02.2021.

◆ Mayank Kautoo presented a paper on "Curiosity Rover" conducted by Global Engineering College, Jabalpur on 12.02.2021.

◆ Vijeta Soni presented a paper on "Home Automation System" under IETE student forum (ISF) conducted by OIST, Jabalpur on 08.03.2021 and secured 1st position.

◆ Khare Yasha Suryaprakash presented a paper on "Design, Analysis and Implementation of a Robotic Arm-The Animator" conducted by Aditya College of Technology and Sciences, Satna on 02.04.2021.

◆ Tulika Bhattacharya presented a paper on "Medicine Reminder and Monitoring System for Secure Health Using IoT" conducted by OIST, Jabalpur on 22.04.2021 and secured 3rd position.

◆ Kanchan Rajak presented a paper on "River pollution monitoring and alert notification system" conducted by Global engineering College, Jabalpur on 22.04.2021 and secured 1st position.

DEPARTMENTAL
CORNER

◆ One-Week ATAL Faculty Development Programmed on "Artificial Intelligence and its impact on present day communication systems" sponsored by AICTE was organized from 04.01.2021 to 08.01.2021. Participants from various states participated in the FDP.

◆ STTP on "Python and its use in IoT", sponsored by AICTE was organized online in three phases. Phase1: 11.01.2021 to 16.01.2021, Phase2: 08.02.2021 to 13.02.2021, Phase3: 08.03.2021 to 13.03.2021. Participants from various states participated in the STTP.

◆ Hands on "Basic Electronic Circuit Design" was conducted for B.Tech. 1st semester students from 15.03.2021 to 20.03.2021. The training was conducted by Prof. Sunil Shah, Prof. Laxmi Kosta , Prof. Surya Bazal.

◆ A webinar on "Artificial Intelligence enabled IoT systems in Smart Health Care" was organized for faculties on 05.06.2021 in association with IETE. The resource person was Dr. Shuvabrata Bandopadhyay from BML Munjal University, Gurgaon.

◆ A webinar on "Cloud Computing Strategy for Future" was organized for faculties on 17.06.2021. The resource person was Dr. Pranjal Kumar Phukan, Professional Member, Institute of Science, India.

◆ A webinar on "Stress Management and Meditation" was organized by Sahaja Yoga on the occasion of International Yoga Day on 21.06.2021. The resource person was Shalabh Dayal from the Telecommunication Industry.

◆ "Vishesh Podharopad Abhiyaan" in association with Baghban Foundation was organized on 26.06.2021 under the initiative of 'Plant trees to save the environment. The chief guest of the function was Dr. Siddharth Singh, Secretary, ISKCON Temple, Jabalpur.
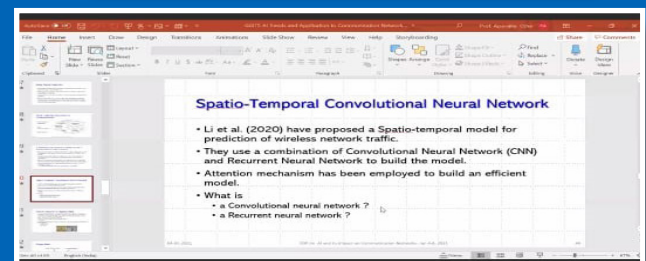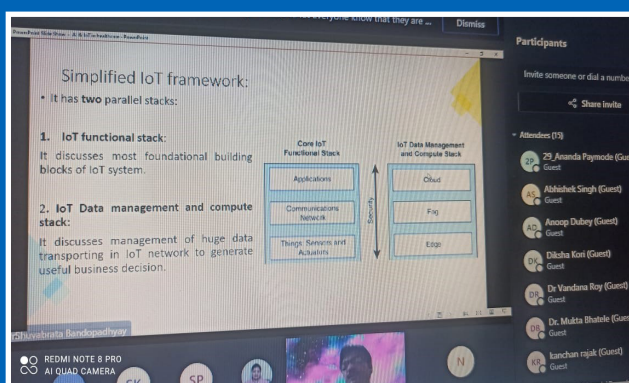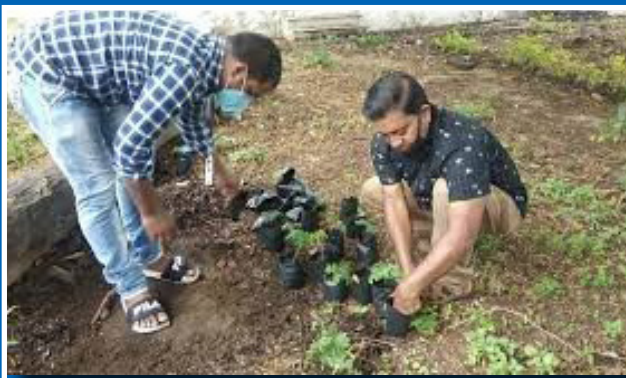
ALUMNI'S
MESSAGE

GGITS is a self explanatory brand which defines the turned stone, ready to conquer the world. At GGITS, I have lived the best days of my life. The experience here turned me to a more curious and achieving person. The support of the faculty members not only helped me to score good marks, but also helped me to overcome the flaws for being a good human being.

Sachin Pathak Birtharey,
Squadron Leader,
Indian air Force

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