



Department of Electronics and Communication Engineering
School of Studies of Engineering and Technology
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

THE FLIP FLOPS

A QUARTERLY ECE NEWSLETTER
JAN-MAY '23
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From the desk of Hon'ble Vice Chancellor

"Unleashing the power of connectivity through the pages of innovation."

I commend the Department of Electronics & Communication Engineering Quarterly News Letter team for their dedication for providing timely updates and insightful articles to the academic fraternity. Electronics and Communication Engineering play a crucial role in global connectivity and technological advancement. The Quarterly Newsletter serves as a platform to showcase department achievements, research, and contributions, fostering collaboration and inspiring future engineers. I urge the team to continue expanding the Newsletter's reach by including diverse perspectives, such as those from students, faculty, and industry experts; emphasize the importance of interdisciplinary collaborations and highlight innovative projects. By crafting engaging content, the Newsletter can spark intellectual curiosity and facilitate meaningful discussions. I appreciate the team's commitment to excellence and believe that the Newsletter will continue to inspire and educate our Electronics & Communication Engineering community. Let us join hands to work together to shape a brighter future by connecting the world through innovation.



Prof. Alok Kumar Chakrawal
Vice Chancellor
Guru Ghasidas Vishwavidyalya

From the desk of Registrar



Prof. Manish Srivastava
Registrar
Guru Ghasidas Vishwavidyalya

I am delighted to address the esteemed members of the Department of Electronics & Communication Engineering Newsletter team. The unwavering commitment and dedication to provide timely updates and insightful articles to the academic community is truly commendable. As technology continues to evolve, the Newsletter serves as a compass, guiding us through the ever-changing landscape of innovation. It showcases the department's remarkable achievements, research output and notable contributions, inspiring the Department teaching environment as a whole. I beseech the team to continue their pursuit of excellence by seeking diverse perspectives and emphasizing interdisciplinary collaborations. Through their curated content, they have the power to shape minds and ignite curiosity, making the Newsletter a beacon of knowledge and a catalyst for innovation. I appreciate their efforts and am sure that the Newsletter will continue to inspire, educate, and empower our Electronics & Communication Engineering community. Let us pledge to harness the power of information to navigate the frontiers of technology and create a positive impact on society.

Welcome to 'Flip Flops,' a newsletter dedicated to one of the most aspiring branches of B.Tech: Electronics and Communications Engineering. The aim is to share insights of technological advancements while acknowledging and honouring those who are paving the way for our future engineers. I believe this coverage extends to recent events, including our annual tech fest, all of which have been brimming with technological inspiration. It helped students to show their skills and learn to work as a team. These experiences are going to help them in their near future as an engineer or as a being in general. I extend my best wishes to everyone involved in this endeavor. Good luck to all!



Prof. Sharad Chandra Srivastava
Dean
School of Studies of Engineering and
Technology, GGV

Message by HOD



Dr. Soma Das
HOD
Department of Electronics and
Communication Engineering

It gives me immense pleasure to address you through the pages of our quarterly magazine. As the Head of the Department of Electronics and Communication Engineering, I am delighted to witness the growth and achievements of our esteemed department. Our faculty members are dedicatedly shaping the future of our students through their unwavering commitment to excellence in education and research. Our students have consistently demonstrated their talents and skills by winning accolades in various competitions and securing internships and placements in reputed organizations. In this edition, we showcase the innovative projects, research breakthroughs, and the achievements of our faculty and students. We believe that this magazine will serve as a platform to celebrate our collective accomplishments and inspire others in the field. I extend my heartfelt appreciation to the editorial team for their efforts in compiling this issue. I also express my gratitude to the students and faculty members for their invaluable contributions.

ARTICLES

All About ChatGPT

Imagine you get all your answers directly without searching through Google. That's ChatGPT, launched on 30th Nov 2022. ChatGPT is a new generation AI chatbot developed by OpenAI which interacts conversationally. It gives human-like conversational responses through on-demand readable text, images and videos. ChatGPT is powered by a large language model (LLM) which is a deep learning technique that uses large corpora of data to understand human language and generates a response. ChatGPT's LLM is called GPT-3.5.

“Just imagine, how much data has been used to train the model to come up with this perfection”

ChatGPT not only replies to questions but also admits its mistakes, accepts challenges and rejects inappropriate requests. ChatGPT has emerged as a threat to Google search. On Google, one has to search for a relevant answer, and ChatGPT gives a direct answer. Observing the threat, Google has come up with Bard powered by LaMDA, which is in the testing stage. China is also coming with their chatbot BAIDU for conversational-style search results. So there is going to be a clash of AI tools in future.

Chat GPT is a revolution in research practices and publishings but has concerns too. It will accelerate innovation and increase the diversity of scientific perspectives but it may degrade the quality and transparency of research. ChatGPT results are convincing but can be wrong which can distort scientific facts and spread misinformations. It is not the replacement for Google, just a facilitator as it is a complex algorithm generating meaningful sentences.

ChatGPT is free. Open <http://chat.openai.com> login and access.



Mrs. Anita khanna

Assistant Professor

ARTICLES

Smart Irrigation Technology:

New controllers of smart irrigation technology are designed to offer even greater precision and efficiency than earlier models. These controllers offer several key features and benefits, including:

1. Advanced weather monitoring
2. Real-time data visualisation
3. Automatic scheduling
4. Wireless connectivity
5. Integration with other smart devices

Overall, new controllers of smart irrigation technology are bringing significant improvements in precision, efficiency, and convenience to the world of agriculture and landscaping.

New controllers of smart irrigation technology can be separated into two main categories: Climate based controllers and soil moisture based controllers.

Climate based controllers

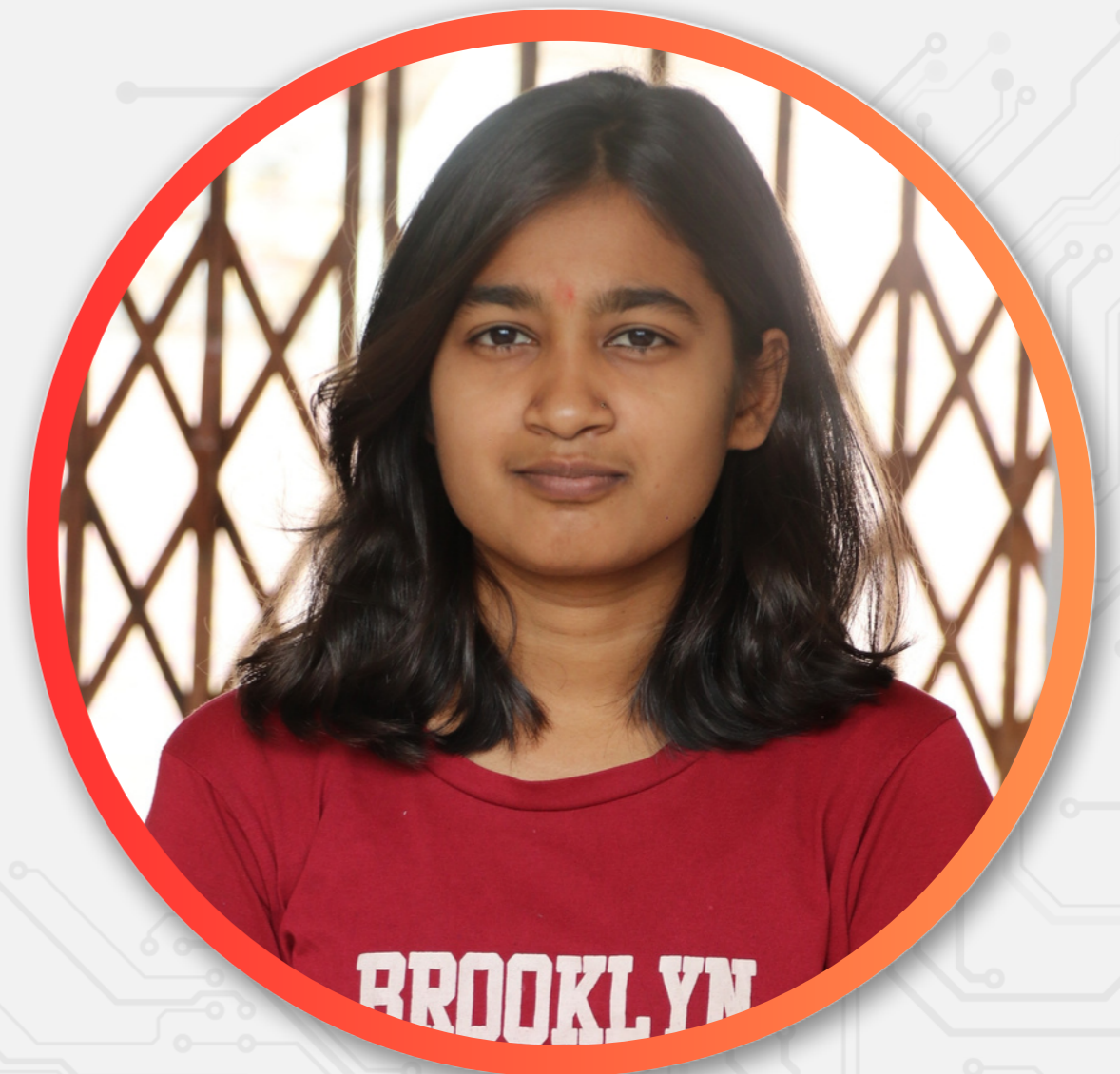
Climate-based controllers also referred to as evapotranspiration (ET) controllers use local weather data to adjust irrigation schedules. Evapotranspiration is the combination of evaporation from the soil surface and transpiration by plant materials. These climate-based controllers gather local weather information and make irrigation run-time adjustments so the landscape only receives the appropriate amount of water.

There are three basic types of ET controllers:

1. Signal-based controllers use meteorological data from a publicly available source and the ET value is calculated for a grass surface at the site. The ET data is then sent to the controller by a wireless connection.
2. Historic ET controllers use a pre-programmed water use curve, based on historic water use in different regions. The curve can be adjusted for temperature and solar radiation.
3. On-site weather measurement controllers use weather data collected on-site to calculate continuous ET measurements and water accordingly.

Soil moisture sensor controllers

Soil moisture sensor controllers utilise a soil moisture sensor placed below ground in the root zone of lawns to determine water needs. The soil moisture sensor estimates the soil volumetric water content. Volumetric water content represents the portion of the total volume of soil occupied by water. The controllers can be adjusted to open the valves and start irrigation once the volumetric water content reaches a user-defined threshold.



NEHA SAHU

(1st year)

ARTICLES

ORGANIC ELECTRONICS

Organic electronics is a field of research and technology that uses organic materials, primarily carbon-based compounds, in the development of electronic devices. Organic semiconductors are the core building blocks of organic electronics, which enable them to transport charge carriers when an electric field is applied. Examples of organic semiconductors include small organic molecules like pentacene and polymeric materials like polythiophene.

Organic electronics encompass a wide range of devices, including transistors, light-emitting diodes (LEDs), solar cells, sensors, and memory devices.

Here are some key organic electronic devices:

- 1. Organic Transistors:** Organic field-effect transistors (OFETs) are fundamental building blocks in organic electronics. They consist of a thin organic semiconductor layer sandwiched between two electrodes. By applying a voltage to the gate electrode, the conductivity of the organic semiconductor can be modulated, controlling the flow of current through the device.
- 2. Organic Light-Emitting Diodes (OLEDs):** OLEDs are thin-film devices that emit light when an electric current is passed through them. They consist of organic layers sandwiched between two electrodes, with the organic layers containing emissive organic molecules or polymers. OLEDs offer advantages such as high contrast, wide color gamut, and low power consumption, and they are used in displays, lighting, and signage.
- 3. Organic Photovoltaics (OPVs):** OPVs, also known as organic solar cells, convert sunlight into electricity. They typically consist of a blend of organic donor and acceptor materials that absorb photons and generate electron-hole pairs. OPVs offer advantages such as flexibility, lightweight, and the potential for low-cost production, making them suitable for applications like solar-powered devices, building-integrated photovoltaics, and portable electronics.
- 4. Organic Sensors:** Organic materials can be used to develop sensors for various applications. For example, organic field-effect transistors can be utilised as chemical or biological sensors by functionalizing their surfaces to selectively detect specific analytes. Organic sensors have potential applications in healthcare, environmental monitoring, and wearable technology.
- 5. Organic Memories:** Organic memory devices utilise organic materials to store and retrieve digital information. These devices can be based on various mechanisms, such as resistive switching or charge trapping in organic materials, and they offer the potential for low-cost and flexible memory solutions.



Shivam Srivas
(3rd year)

ARTICLES

IoT In Indian Education System

IoT stands for Internet of Things. It refers to a group of interconnected hardware devices embedded with sensors, software and that have connectivity capabilities that enable them to collect and exchange data over the Internet. In the field of education, IoT can enhance the learning experience, personalised learning, improve safety and security, and optimise campus management. IoT technology has the potential to significantly impact the education sector by introducing innovative and interactive learning experiences.

Application of IoT in Education System

Let's have a look at some of the topics in the education system where IoT can have an impact:-

1. **Smart Classroom:-** A smart classroom is an innovative learning environment that integrates technology to enhance the teaching and learning experience. IoT enables the creation of smart classrooms equipped with connected devices and sensors. These device can collect data on various parameters like temperature, noise level, lighting, providing a more comfortable and productive learning environment.
2. **Personalised Learning :-** IoT generates personalised learning and can address the diverse need, interest, and learning style of the students. It promotes individualised instructions, engagement and self-paced learning, ultimately leading to improve learning outcomes and students' success.
3. **Remote Learning:-** IoT devices, such as webcams, smart board, and virtual reality (VR)headsets, can enable remote learning experiences. Students can access educational resources from anywhere in this world.
4. **Smart Campus Management:-** IoT technology can revolutionise campus management by providing real time monitoring and automation. IoT connected sensors can monitor energy consumption, optimise resource allocation , and automate maintenance processes, leading to cost savings and more effective operations.
5. **Safety and Security:-** IoT devices can enhance safety and security measures on campuses. Smart surveillance system can monitor premises, detect unauthorised access, and send alert in real-time. Wearable devices can track students' locations during field trips or emergencies, ensuring their safety.
6. IoT can give hands-on experiences through robotics, coding, and programming.
7. IoT can facilitate communication among teachers, parents and students.
8. IoT can also help physically disabled students in learning through their own way. It provide personalised support to those type of students.



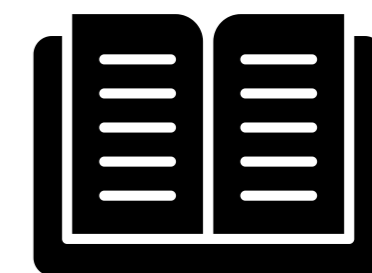
Gaurav Kumar
(1 st year)

Departmental Activities



INDUSTRIAL VISIT

In Collaboration with Industry Institute Interaction cell (IIIC), GGV Department of Electronics and Communication Engineering , SoS(E&T) completed the Industrial Visit to BSNL. Students from the third year of the department participated in the event in accordance with the faculty's insightful advice as part of their degree program. In-depth information regarding wireline technologies utilised by BSNL, such as Line Media Gateway (LMG) and redundant LAN switches, was demonstrated during the event. The Multiprotocol Level Switching (MPLS) using the BSNL cloud service was explained to the students. Various devices and their components, including Base Station Controller (BSC) and Mobile Switching Centre (MSC), which are utilised to provide calling and internet functions, were showcased over the course of the programme. The workshop also covered the information that each SIM buyer should be aware of cybercrime and discussed the role of TRAI in the Telecom Industry in this fsdfs. Finally, information regarding the impending of 5G technology was presented to the students, along with a practical demonstration of how to identify a device issue using software simulation.



ECE LECTURE SERIES

The fourth lecture of the "ECE Lecture Series"—which aims to assist the students in selecting the best career path in accordance with their potential and interests—was successfully



delivered by the Department of Electronics and Communication Engineering on 13 March, 2023. It is a two-way conversation with the aim of dispelling ambiguities, offering knowledge about the most recent technological advancements in the field, as well as offering direction through the department's alumni. The speaker was Senior Full Stack Developer at Lowes Company in the United States, Mr. Chandra Sekhar Nandipati (Alumni 2015). Deepak Kumar Rathore Sir (Asst. Prof. ECE) gave a welcome address to start the programme. Mr. Chandra Sekhar Nandipati, the day's guest speaker, emphasised the importance of both future and existing technology in the sector and shared his insights on having the correct mentality. Additionally, he discussed how to successfully pass the competitive tests and how to create an appealing résumé. Over 200 students attended the lecture and learned about the potential of ECE. Finally, the present pupils raised their questions. Srijani Som, a student in her sixth semester of her B.Tech., gave the closing remarks.

Equilibrio 2023: All About Electronics by ECE Tech Team:



On March 24, 2023 the technical society of Department of ECE, the "SILICON" organised a workshop in collaboration with the ECE TECH Team of EQUILIBRIO-2023, which is based on embedded systems. The session was oriented towards guiding the students and specially the participants about the upcoming events organised by the ECE TECH Team of EQUILIBRIO-2023 headed by Mr. Shivam Srivas. The speaker of this session was the ECE Tech co-lead Mr. Geetesh Sonawani of ECE Department 3rd Year. Initially he gave an overview of all events including RoboTerry, Line Follower Bot, PathFinder Infinity, Digital Circuit Solver, RoboSumo and Robot Soccer. Following this he talked about IR Sensors, the logic behind a Line Follower Robot, and the Basic Model of any System.



**EQUILIBRIO
2023**

Equilibrio 2023 featured a plethora of captivating events, both technical and non-technical, that showcased the immense talent and creativity of the participants. The atmosphere was charged with excitement as attendees immersed themselves in the diverse range of activities



During the workshop the attendees also experienced a bilateral interaction over the need of a Control Unit. Further the students were introduced with the concept of Arduino and the fun of Coding with Arduino IDE. The Live demonstration of Robots along with its components and cost of building was done followed by tips and general precautions.

Inauguration of

- **IEEE Student Branch, GGV**
- **The Student's Club - SILICON**



**06 April
2023**

April 6th, 2023 marked the establishment day of two technical societies of GGV, one is "IEEE Student Branch, GGV" and second one is "The Silicon"- The student club of the department of ECE, The community aims towards fostering technological innovation and advancement. The SILICON has been established with a mission to encourage the interests of students in the domain of core Electronics and Communication. The guests for the inaugural ceremony were Prof. Geetam Tomar IEEE MP Section Chair, Mr. R. N. Patel Associate Prof. NIT Raipur, Mr. Shubham Gupta SAC Tier, IEEE MP Section, and Dr. Vijayalaxmi Biradar, Chairperson, WIE AG, IEEE MP Section, as well as renowned experts in the field of Electronics. They spoke about the importance of having the "IEEE Student Branch" and the Student Club "SILICON" that caters the interests of students and encouraged them to pursue their passions. The ceremony included the unveiling of SILICON's logo and motto as well as the introduction of the founding members and executive committee of both technical societies of our University. Overall, the inauguration of the club "SILICON" and "IEEE Student Branch" was a memorable event, marking a significant milestone in the history of ECE department. The ceremony ended with the valuable words by our Head of the Department ma'am Dr.Soma Das followed by presenting a memento to the honourable guests.

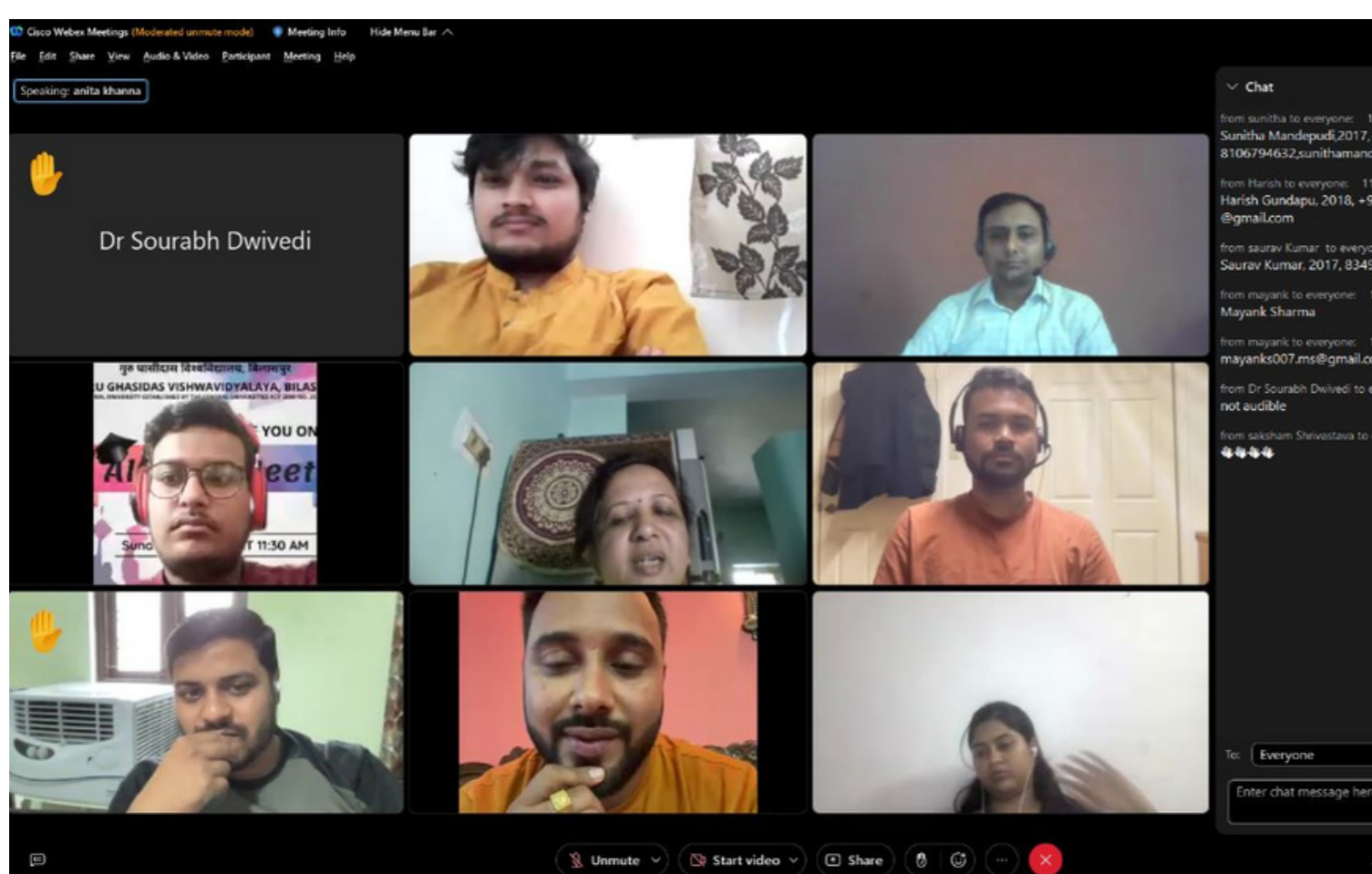
Workshop on Embedded System



On 3rd May 2023, The SILICON and IEEE Student Branch - GGV organised a workshop on Embedded Systems in collaboration with "INNOVATION 4U". The workshop started with the introduction of "INNOVATION 4U" followed by the prerequisite theoretical knowledge for the various practical sessions. Session-I consisted of an Introduction to Arduino, Interfacing of I/O devices, IoT devices and Display of Devices (LEDs, Resistors, Batteries etc.). The next session marked the beginning of the hands-on workshop as it included Loading of Software, Basics of IDE, Defining of IO's, Logic Execution, Connecting Output Devices and finally the trial run. Session-III focused on The Introduction to Sensors, Sensor

Interfacing and Different Project Designing. The last session was much anticipated and waited for one as all the students just wished to do Application Oriented Project Designing. Students attending the workshop understood the working of traffic signals and the logic behind the lights of traffic signals. It was a wonderful hands-on workshop experience for all the students and is sure to have sparked interest in the mind and hearts of many students for Embedded Systems.




Alumni Meet



On 7th May 2023, The SILICON and IEEE Student Branch - GGV organised a successful online Alumni meet that brought together students and their accomplished seniors. The event was a great opportunity for the current students to interact with and learn from their Seniors who have already achieved a lot in their respective fields. Through the exchange of experiences and insights, the event helped students to gain a

clearer vision of their own future paths. The Alumni meet was a wonderful success and we wholeheartedly thank our alumnus for taking time from their busy schedule and making this event successful. There is a saying that "The beauty of an Alumni meet lies in the exchange of knowledge and experience between the past, present and future."

FACULTY ACHIEVEMENTS

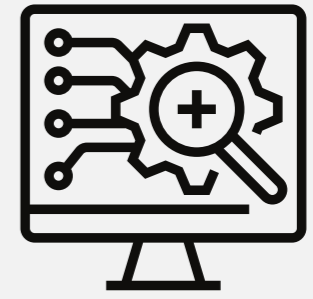
FACULTY	TOPIC
Dr Ruchi Tripathi , Dr Anil Kumar Soni (Assistant Professor) 	University granted the Seed money of 1 Lakh for promoting the research work in the department.
Dr. Anita Khanna (Assistant Professor) 	Awarded PhD degree on 30th March 2023 in the discipline of Electrical Engineering from NIT Raipur.
Dr Nipun Kumar Mishra (Assistant Professor) 	Got certificate of Appreciation at International Conference on "Microwave, Antenna and Communication (MAC 2023)" in recognition of an outstanding contribution as a reviewer organised by Motilal Nehru National Institute of Technology Allahabad dated 24 to 26 March 2023.

RESEARCH PUBLICATIONS



FACULTY	TOPIC
Sumit Kumar Gupta, Bhawna Shukla, Soma Das	A Frequency Reconfigurable Fractal UWB Antenna Using Ground Stub and PIN. In the Advanced Engineering Forum (Vol. 48, pp. 67–79). Trans Tech Publications, Ltd. https://doi.org/10.4028/p-20um91
Pankaj Shankar Shrivastava, Ashutosh Pande	"Some Analysis on Underlay Channel Capacity of Relay Assisted D2D System in Cellular Networks for 5G", Industrial Engineering Journal
Pragati Patharia	"Temperature dependent study of the fabricated ZnS/P-Si heterojunction"
Sumit Kumar Gupta, Robert Mark, Kaushik Mandal, Soma Das	"Four Element UWB MIMO Antenna with Improved Isolation Using Resistance Loaded Stub for s , C and X Band Applications," Progress In Electromagnetics Research
Nipun Kumar Mishra	Small Size Broadband Printed Antenna for 5G Applications Covering 28GHz/38GHz and 60GHz Bands and it is also accepted in Gazi University Journal of Science.

RESEARCH AND DEVELOPMENT PROJECTS



- Dr. Sudhakar Singh Chauhan Sir (Associate Prof. ECE) Submitted a research project in SERB on 20 March 2023.
- Dr. Ruchi Tripathi Madam (Assistant Prof. ECE) Submitted one project in SERB CRG, another project in AICTE 5G lab
- Dr. Soma Das Madam (HOD, ECE) and Dr. Anil kumar Soni Sir (Assistant Prof. ECE) Submitted a project in SERB.
- Sudakar Singh Chauhan Sir (Associate Prof. ECE) served as a
 - Technical Program Committee member of IEEE International Conference on “Device Intelligence, Computing and Communication Technologies (DICT-2023)” organised by Graphic Era University.
 - Technical Program Committee member of IEEE 5th International Conference on “Advances in Computer Technology, Information Science and Communications (CTICC 2023)” held in Suzhou, China from April 21-23, 2023.
 - Technical Program Committee member of International Conference on Systems, Control and Automation (ICSCA-2023)" held at NIT Kurukshetra, Haryana from May 12-13, 2023.
 - Technical Program Committee member of 3rd IEEE International Conference on Electronic Technology, Communication and Information (ICETCI-2023)" held at Changchun, China, on May 26

CONFERENCE/STC/FDP/WORKSHOP ORGANIZED/SEMINAR DELIVERED

- Department conducted a one day workshop on Virtual labs on 01/03/2023 in association with IIT Kanpur by online mode (Program Coordinator Dr Nipun Mishra (Assistant Prof. ECE) Co Coordinator Mr Pushpendra Chandra (Assistant Prof. CSE))
- Dr Nikita Kashyap Madam (Assistant Prof. ECE) delivered an invited talk in a one day seminar on “ Science for Society with Society ” dated 23 February 2023 organised by Government E Raghvendra Rao PG Science College Bilaspur C.G.

SPORTS



FACULTY	SPORTS	POSITION
Dr. Anita Khanna	100m running race	 SECOND
Dr. Anita Khanna, Mrs. Pragati Patharia, Mrs. Beaulah Nath, Dr. Nikita Kashyap	Women's cricket team	 SECOND
Dr. Ruchi Tripathi	Badminton doubles	 SECOND



Student's Achievement

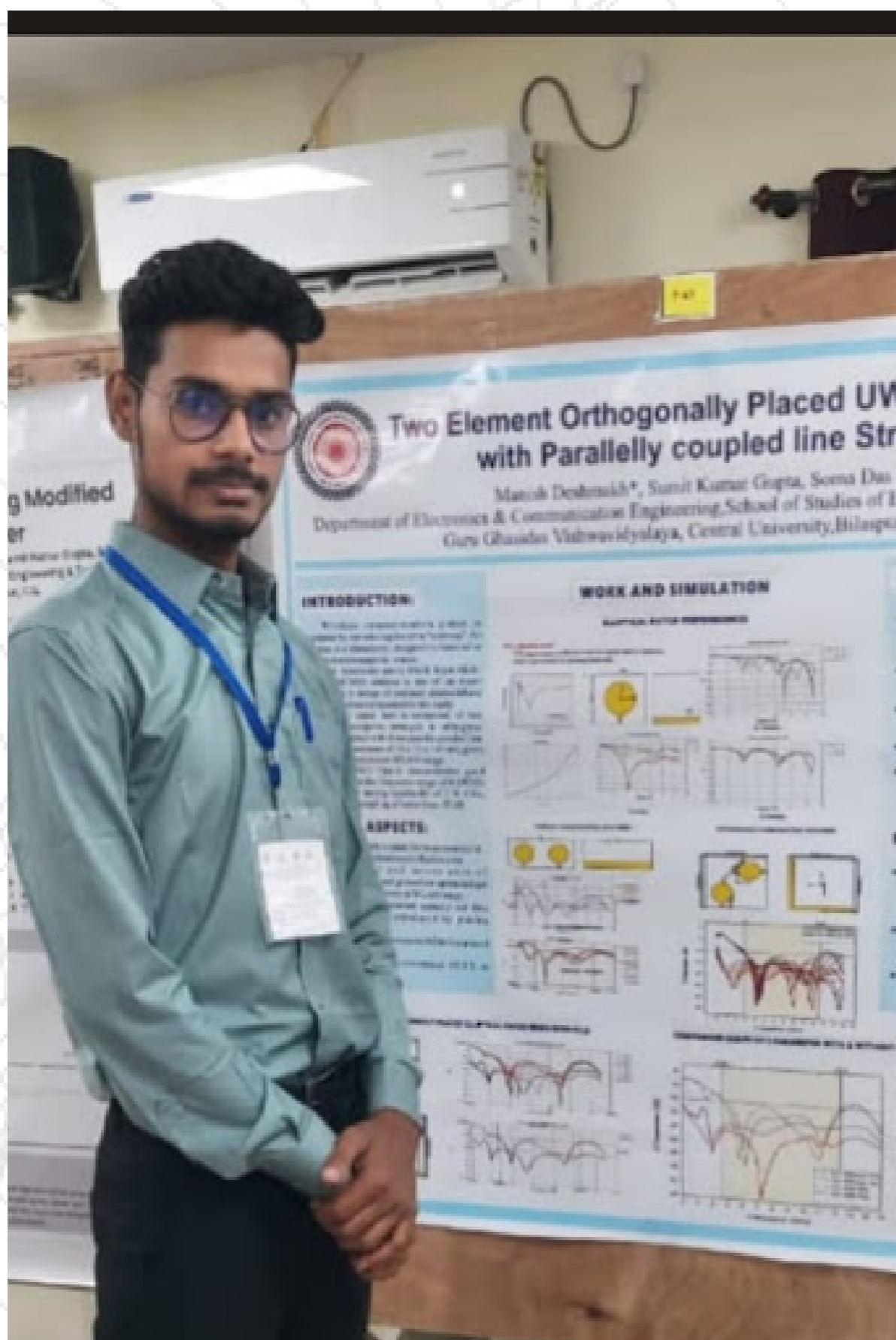


Photograph of Rishabh Upadhyay (4th from right in 2nd row) with PM Narendra Modi Ji

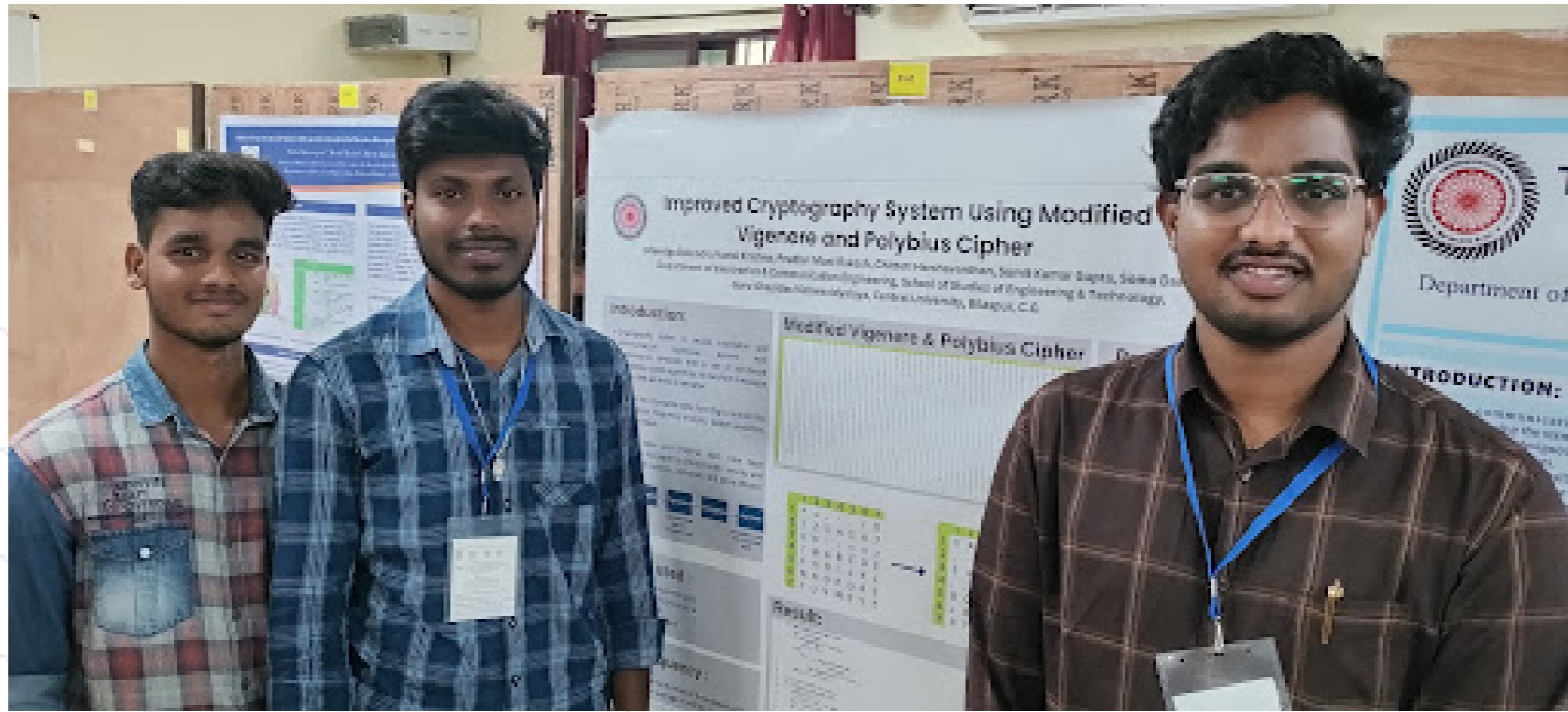
- Rishabh Upadhyay (final year B Tech student) of the department participated in the National Floral Tribute to Shri Subhas Chandra Bose ceremony held in Central Hall of the parliament on 23rd January 2023 by Pride, Lok Sabha Secretariat and got the opportunity to meet with our Honourable Prime Minister Narendra Modi ji.
- Rishabh Upadhyay and Virendra Yadav (final year B Tech student) and Abhishek Pal (final year B Tech student Mech Branch) got selected for their idea named “RojgarKhojo” for Finals of Eureka E Cell IITB in January 2023.
- Alok Aditiya from ECE 4 th year secured 2nd position in national level presentation on Microplastic at govt. E Raghvendra Rao PG science college and also attendant Bootcamp on UAV(Unmanned Aerial Vehicle system) at IIT Bhilai.



- Virendra Yadav, Sumeet Sharma and Syed Mohd. Amaan, final year students (BTech, ECE) presented a research paper entitled "Detection of Indian Sign Language by Modifying Image Classifier." in 2nd National Conference on Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics (NSSEMA-2023) from 16 to 18 march 2023.



- Manish kumar deshmkh, final year M.Tech Student, ECE presented a research paper entitled "Two Element Othogonally UWB-MIMO with parallely coupled linestrip" in 2nd National Conference on Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics (NSSEMA-2023) from 16 to 18 march 2023.



- Meeniga Dolendra Vamsikrishna, Chitteti Harshavardhan , Prudhvi Muni Rakesh final year student (Btech, ECE) presented their research paper "Improved Cryptography Using Modified Vigenere and Polybius Cipher" in 2 nd National Conference on Signal Processing, Sustainable Energy Materials and Astronomy & Astrophysics (NSSEMA-2023) from 16 to 18 march 2023.

EQUILIBRIO-2023


- Student coordinator - Yash Gupta (BTech 3rd year)
- Social media Lead- Vikas Jonwal (BTech 3rd year)
- GD Lead- Vutpula Jyotiraaditya (BTech 3rd year)
Co-Lead- Ankit Singh (BTech 3rd year)
- Management Lead- Metta Divya (BTech 3rd year)
- Marketing- Pothireddy Navaneeswar Reddy (BTech 3rd year)
- PR Co-Lead- Bibekar Tejas Jitendra (BTech 3rd year)
- ECE Tech Lead-Shivam Srivas (BTech 3rd year)
Co-Lead-Gitesh sonwani (BTech 3rd year)
- Transportation and logistic Lead- Gitendra Chandrakar (BTech 3rd year)
- Volunteering Co-Lead-Deependra Kumar (3rd year)
- Web development Lead- Janumala Akhilendra(3rd year)
- Food and Fun zone Lead- Aparan Santhosh(2nd year)

EQUILIBRIO EVENT WINNERS:


- Line follower-
1st Geetesh sonwani (3rd year)
2nd AM Surya (2nd year)
- Digital circuit solver -
(app created by Harsh Verma)
1st - Ankit Singh (3rd year)
2nd - Kumar Gulshan (2nd year)
- Roboterr-
1st Geetesh sonwani (3rd year)
2nd Jyotiraddityya (3rd year)
- Path finder-
1st Shivam SRIVAS (3rd year)
2nd Kumar Gulshan (2nd year)
- Civil department event-
Quiz mania winner- Alok Aditya- (4 th year)

Placements

- **Akhila Reddy** (Btech Final Year Student) got placed in Learning Routes with a package of 5.7 LPA.
- **Dr. Robert Mark** (Ph.D. Scholar) got placed in Philips Global Business Services LLP with a package of 17 LPA.




Department of Electronics & Communication Engineering
School Of Studies of Engineering & Technology, GGV




Ph.D
2020


Heartly Congratulate **Dr. ROBERT MARK, Ph.d**
Alumni of Department of ECE for the placement in
Philips Global Business Services LLP
CTC: 17 LPA



ROBERT MARK
| 2020 Passed out (Ph.D.) |
CTC: 17 LPA



गुरु घासीदास विश्वविद्यालय, बिलासपुर
Guru Ghasidas Vishwavidyalaya, Bilaspur
A Central University established by the Central University Act 2009 No. 25 of 2009



Gate Qualified Students

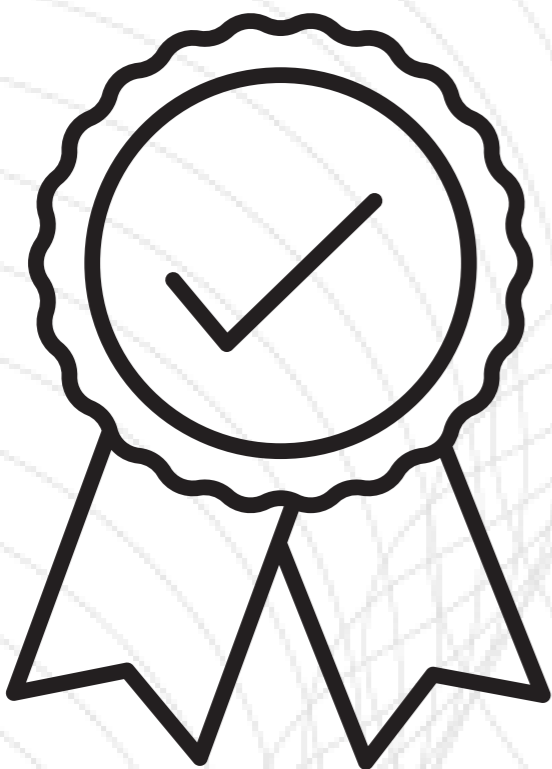
Name of the student	Batch	Paper	Rank
Vaishnavi Roy	2023	EC	2887
Prem Kumar	2023	EC	2982
V.V Sravanti	2023	EC	3652
Taniya Singh	2024	EC	5857
Sai Charan Rompelli	2023	EC	6011
Akhila Reddy	2023	EC	7055
Komal Kumari	2024	EC	8251
Tangudu Sai Pavan	2023	EC	912
Ashutosh Kumar	2023	EC	3466
Deepanshu Patel	2023	EC	4618
Saurabh Gupta	2023	EC	5285
Giriraj Gautum	2023	EC	5705
Yash Singh Chauhan	2023	IN	602
K.S. Prabhath Bhushan Varma	2023	AE	1160
Sadasivuni Sai Rahul	2023	EC	6687

Internships



- Gaurav Kumar, 1 st year student completed his 'Human Resources' internship at Growupp from Dec 2022- Jan 2023.
- A.M. Surya, 2nd year student doing his internship at Presear Software Pvt Ltd. from Jan 2023.
- Preety Kumari and Om prakash kumar, 2nd year completed their training at Presear Software Pvt Ltd. and started an internship in the domain of cloud computing
- Utsav Kumar, 3rd year student completed his internship on Machine learning from NGO Suvidha Mahila Mandal.

Certification



- Preety Kumari-BTech 2nd year
Certification course in Python learning from freeCodeCamp.
- Om prakash kumar-BTech 2nd year
Certification course in Python learning from freeCodeCamp.
- Amiya Vatsa- BTech 1st year
Online Certification course of CS50 from Harvard University.

NSS

AMRIT RAJ and Avinash Jha students from BTech 4 th year and BTech 2nd year ECE did extremely great work in NSS and were also decorated with many certificates such as Pre-RDC participation certificate, NIC and Swabhimaan thali certificate.

NSS B-Certificate



Students from 3rd year and 4 th year BTech ECE were eligible for NSS B-Certificate exam. Mentioned below are the students appeared for the NSS B-Certificate Exam May 2023



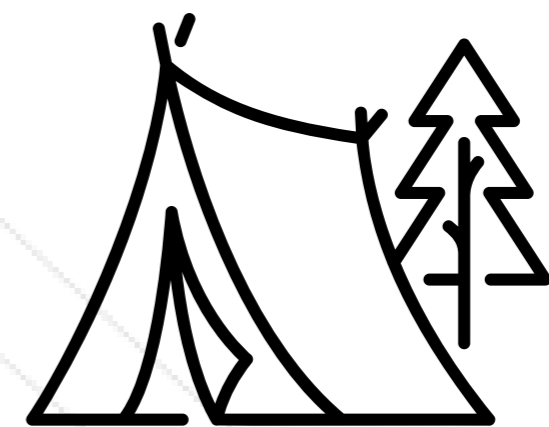
CAMP

- Students Below attended 7 days NSS camp from 25th March to 31st March 2023

Avinash Jha - BTech 2nd year

Amrit Raj - BTech 4th year

Anish Kumar - BTech 4 th year



- Shivam Srivas and Kajal Kumari from 3 rd year participated in "Ek Bharat Shreshtha Bharat Camp" in Gujarat from 12 th - 21 st of Jan 2023.
- Shivam Srivas from 3rd year participated in International Youth camp at Raipur from 2nd Feb to 10th Feb 2023.

Until Next Time

We appreciate your patience for the time being while we, the newsletter team, were on this edition.

Remember that information is power, and we are here to provide you with the information about all sorts of events that have occurred or are scheduled to occur in our department. We value your ongoing assistance and participation. Be ready for more interesting news in our next edition. Stay informed, inspired, and interested till the next time!

ECE lecture series episode- 5

Industrial visit (phase- 4)

Workshops by SILICON and IEEE-GGV.

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