Vision: Empowering Electronics and Communication engineers to meet the advancements in technological and societal needs.

Mission:

- M1: To facilitate students in acquiring proficiency & providing eminence in technical education.
- M2: To imbibe value based education that contributes to the human values, ethics and societal relevance
- M3: To foster culture of innovation, industry and research in developing intellectual professionals and entrepreneurs

About the Department

Department of Electronics and communication Engineering was established in the institution during 2001.The department is AICTE approved and permanently affiliated to VTU and accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade and NBA. The Department offers UG & PG courses. Further, it is recognized as "Research Center" by VTU.

Dr. Chandrappa D.N.
Prof & HOD

The department is strengthened with qualified Doctorates, Professors, Assoc. Professors, Asst. Professors and technical staffs. Apart from the academic events department also oversees the overall development activities. The students are being provided with state-of-the-art lab facilities; training / certification programs, industrial visits, periodic technical talks, workshops, conferences, empowering employability skills.

Achievements

- 24 Ph.D scholars have registered under ECE Department research centre.
- Faculties of the Department are members of various professional bodies such as ISTE, IEI and IEEE.
- Progressive results and placement records.

Department Association with Industries

- MOU with NI systems (India) Pvt. Ltd to establish NI Labview Academy.
- MOU with Intel Corporation (FICE), Knowx Innovations Pvt Ltd., Effent Technologies Pvt. Ltd, EDII.
- MOU with University of Agricultural Sciences, M/s Win Global Tek, Speckbit Exploratories Private Limited, Loginware Softec Pvt Ltd, Elint Labz.
- MOU with Rexroth Bosch Group to establish "Center of excellence for Training and research in Automation Technologies".
- MOU with M/s Tequed Labs, M/s Training world 360 Solutions Pvt. Ltd, M/s Dlithe Consultancy Services Pvt Ltd.
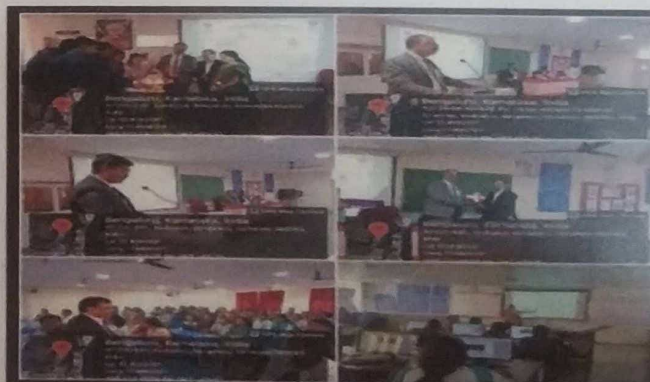- MOU with M/s Jyoti Electronics Pvt. Ltd, M/s Global Quest Technologies and M/s OKTRA EV Pvt. Ltd.

Department Activities:

Workshop / Seminar / Conference

- Conducted a Talk on Ethics and Moral values for 3rd semester students on 13/01/23 at ECE Seminar hall.

- Conducted Three Days Student Enrichment Program on "Design of Analog and Digital Circuits using Multisim" from 19/01/23 to 21/01/2023. Dr. Anitha P, Mr. Bhaskar B and Mrs. Uma S, faculty department of ECE contributed as resource persons for the event.
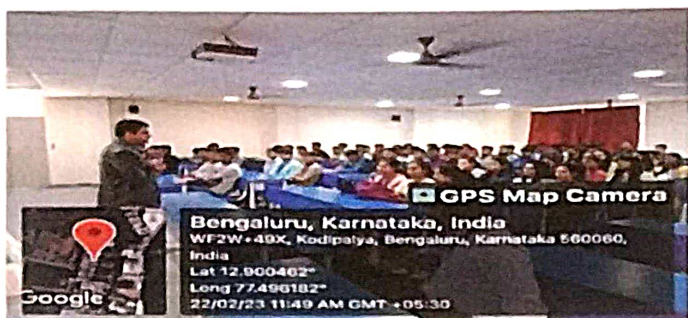
- Conducted Orientation program for Lateral entry students on 10/2/23

- Conducted Guest lecture on "Career opportunities in VLSI" by the resource person Mr. K. M Shivappa, Co-founder and Director at Excel VLSI Technologies Pvt Ltd., for 3rd semester at ECE Seminar hall on 21/02/2023.

- Students of ECE Department Participated in Jnana Vignana – Tantragnana Mela 2023, Srikshetra Adichunchanagiri, Nagamangala Taluk, Mandya District on 19th and 20th February 2023. Project from ECE was awarded 2nd prize with cash prize INR 7500.

- Mr. Jayanth G of 8th semester has completed the mandatory requirements of 18 credits for award of BE Degree with Honors to be granted by VTU. He also received recognition from NPTEL as NPTEL Believer, Disciplined Star, Enthusiast for having completed those courses.
- Mr. Hemanth C of 6th semester completed the NPTEL course "The Joy of computing with Python" scoring 91% (Elite-Gold) and was among the top 5% of the 10672 candidates who completed the course.
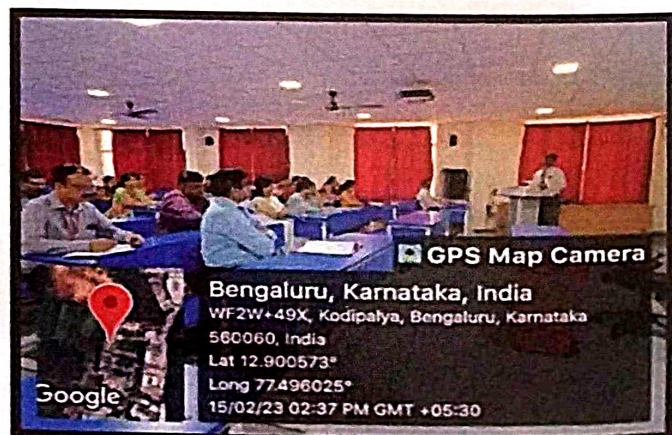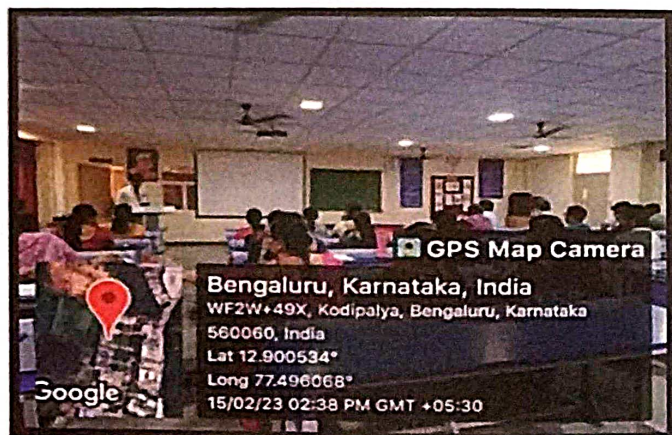
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- Mini project exhibition entitled "Scienceholic" was organized on 28/02/2023 on the occasion of National Science Day.
- Orientation program for Staff was held in the Seminar Hall, Dept. of ECE on 15/02/2023. Matters related to academics, class conduction and monitoring.
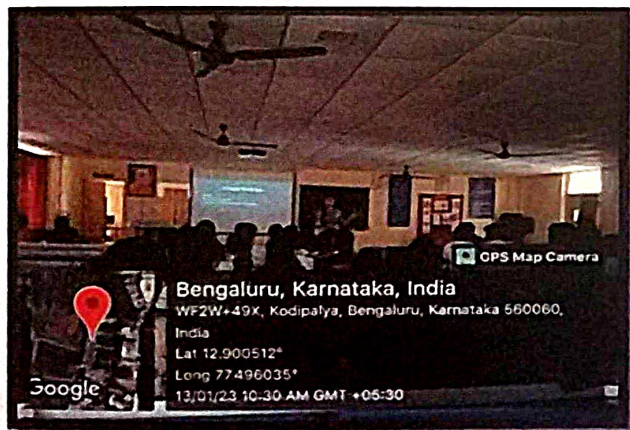

Education's purpose is to replace an empty mind with an open one

Department events celebration

- RamaNavami was celebrated on 30th March 2023 with all the enthusiasm and involvement from individuals of the department of ECE. All the staffs were involved and got the blessings of Goddess Rama and were offered Prasadam to all the staff members and Students. All the teaching and non-teaching staff members participated and made the event a grand success.

Alumni Interaction

- Alumni interaction by Vidyashree Nagaraj (GATE) on 13/1/23

- Conducted Alumni Interaction by Darshan M on 6/2/23

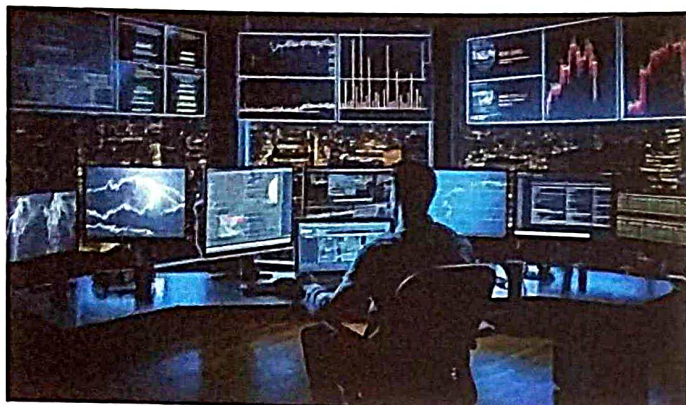- Conducted Alumni & Guest lect. Talk on 12/1/23 by Guntoor Dilip.

Placement

Name of the company	No. of students selected
Corizo	06
Itron	02
Lumax	03
L&T Infotech	11
Clarivate	03
Accenture	05
Cognizant	16
LTIMindtree	11
Tech Mahindra	04
SLK Software	07
Quest Global	02
Growth Arrow	01
Vista learning	02
Dhiomic Analytics	04
IBM	05
Accenture operations	02
Verifone	01
Signoff semiconductor	05
Zerofox	05
Sonata Software	02

Student Achievements:

- Rashi R(1JB22EC090), Shwethashree R(1JB22EC109), Brunda A(1JB22EC019), Deepika S N(1JB22EC030) won 2nd prize in Relay girls (4×100) In Varchasva kredostava (Sports) at SJBIT.

TOP 18 new technology trends in 2024:

1. Generative-AI
2. Computing Power
3. Smart(er) Devices
4. Datafication
5. Artificial Intelligence (AI) and Machine Learning
6. Extended Reality
7. Digital Trust
8. 3D Printing
9. Genomics
10. New Energy Solutions
11. Robotic Process Automation (RPA)
12. Edge Computing
13. Quantum Computing
14. Virtual Reality and Augmented Reality
15. Blockchain
16. Internet of Things (IoT)
17. 5G
18. Cyber Security

Staff Publication:

Sl. No	Faculty Name	Title of the Paper	Month and Year of Publication	Conference Or Journal
1.	Dr. Mahanthesh K	Ensemble Architecture for improved Image Classification	Jan 2023	Cognition and Recognition, Communications in Computer and Information Science, **Volume** 1697, **Year** 2023, **Pages** 190-199 DOI:doi.org/10.1007/978-3-031-22405-8_15
2.	Dr. Komala M / Jyothi H	Unsupervised technique Event Recognition Using Multi Decision Fusion with Probability in Videos	Jan 2023	Advanced Engineering Science, Volume 55, Issue 01, ISSN: 2096-3246
3. 4.	Darshan B D	Dual-discriminator Conditional Generative Adversarial Network Optimized with Hybrid Momentum Search Algorithm and Giza Pyramids Construction Algorithm for Cluster-based Routing in WSN Assisted IoT	2023	I. J. Computer Network and Information Security, 2023, 5, 96-112 Volume 15 (2023), Issue 5 Published Online on October 8, 2023 by MECS Press (http://www.mecs-press.org/) DOI: 10.5815/ijcnis.2023.05.09
5.		Performance Analysis of Cluster-Based Dynamic Multipath Trust Secure Routing (DMTSR)-Protocol in Wireless Sensor Networks (WSNs)	May – June (2023)	International Journal of Computer Networks and Applications (IJCNA) DOI: 10.22247/ijcna/2023/221891 Volume 10, Issue 3

An investment in knowledge pays the best interest.