

Newsletter

FEBRUARY
2024

"A country's
greatness lies in its
undying ideals of
love and sacrifice."



"We want deeper
sincerity of motive, a
greater courage in
speech and
earnestness in
action.."

Sarojini Naidu



ARKA Educational & Cultural Trust (Regd.)

Jain Institute of Technology, Davangere

(A Unit of Jain Group of Institutions, Bangalore)



*Department of Electronics and
Communication Engineering*



Electro Infinity

Create, Enhance and Sustain



About the Department



Dr. Santosh Herur
Professor & Head
Dept. of E&CE
JIT, Davangere

Department of Electronics and Communication was started in the year 2011-12. The department emphasizes on imparting advanced technical knowledge in various fields like signal processing, VLSI Technology, Embedded system, wireless technology, microwave engineering, optical communication, and microelectronics and control systems. Highly qualified, experienced and dedicated staff members are the backbone of the department. Well equipped, sophisticated, precision and state of the art laboratories are centre of attraction in the campus. Another major strength of the department is its extensive collection of technical books, periodical and journals, ENCORE association of the department of E & CE aims at targeting innovations in the field of advanced communication and networking.

The Department has MOU with Karunadu Technologies Pvt. Ltd, Bengaluru, Abiyantrix, Soft Solutions, Davangere, Sai Tech, Mysore and PSN Hub IT consultancy services. The MOU organizations provide Internship training and conduct workshops on recent trends and organize seminars for the students to enhance their industrial exposure.

Editor's desk



Mrs ANUSHA K
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*Warm greetings to the readers of **Electro Infinity**!!*

We are pleased to share with you the February month issue of the newsletter for the year 2024 with a Heartfelt wishes. We express our considerable gratitude and appreciation to everyone who have contributed to this Newsletter magazine. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible.

Finally we would like to conclude with these words "We want deeper sincerity of motive, a greater courage in speech and earnestness in action." – Sarojini Naidu

Happy reading

Thank you

ANUSHA .K

SUNIL .M

Vision of the Department

Endeavours to achieve academic excellence by providing value based education to the students of Electronics and communication engineering and enable them to meet the ever changing needs of the society.

Mission of the Department

- ❖ *To emphasize on student focus learning environment.*
- ❖ *To prepare graduates who surpass in the engineering career, qualified to acquire technical knowledge and ethical values.*
- ❖ *To provide a platform to inculcate team spirit and leadership qualities to succeed in professional career.*

Program Specific Outcomes (PSOs)

- ❖ *PSO1: Analyze, simulate and design electronic and communication circuits for given specifications.*
- ❖ *PSO2: Design and test processor based systems*

Program Educational Objectives (PEOs)

- ❖ *PEO1: To create graduates with a strong base in Electronics & Communication Engineering.*
- ❖ *PEO2: To produce technically competent graduates with the ability to understand, analyse & develop electronic systems.*
- ❖ *PEO3: Ability to work with professional ethics and as a team member to realize the goals of the projects.*
- ❖ *PEO4: Excellence in professional career by attaining higher education.*

Course Activity : Hobby Project Presentation



Images of Course Activity : Hobby Project Presentation.

Hobby Project Presentation was arranged in the department of E&CE as a part of course activity of the course Electronic Principles and Circuits on 1st February 2024. All 3rd semester students demonstrated their projects under the guidance of course coordinator Prof. Savitra C T. Principal & Director, Dr. Ganesh D B, Dr. Santosh Herur, Professor & Head, Dept. of E&CE and all the faculties of ECE Department evaluated the student projects, gave their valuable feedback and encouraged the students.

Student's Participation



Images of “Hands-on Generative AI workshop”

Webinar have been organized under the banner of Training & Placement in association with coding club JITD Davangere, all the students of 3rd and 5th semester department attended a “Hands-on Generative AI workshop” in online mode.

Course Activity : Plantation & Adoption of a Tree.



Images of Plantation & Adoption of a Tree.



Group Photo of Plantation & Adoption of a Tree.

3rd semester students of E&CE department planted rose plants as an activity on Module 1 : Plantation and Adoption of a Tree on 02nd February 2024. As Republic day theme, they also drew the map of BHARATH by saffron, white and green colour flowers. Prof. Sharanabasaveshwara H B, Prof. Rajeshwari H M Coordinated the activity.

Course Activity : Heritage Walk



Image of Heritage Walk.

3rd semester students of E&CE department conducted a 'Heritage walk' on 09th February 2024 as a part of their Course activity. The students visited the historical temples and places like Banavasi, Murudeshwara, sirsi and Yana. Prof Anusha T S and Mr. Pramod K V accompanied the students.

Faculty Outside World Interaction



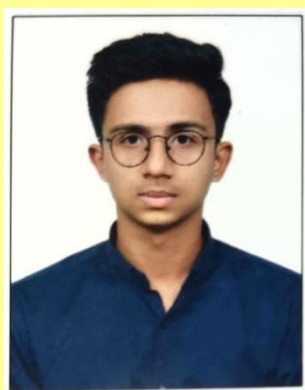
Images of Faculty outside World Interaction

Dr. Santosh Herur, Professor & Head, Department of E&CE was invited as the chief guest to inaugurate the 5 Days Workshop on “PCB Design and Fabrication” organized by the Dept. of E&CE, Jain Polytechnic, Davangere on 12th February 2024.

Student's Achievement : 7th Semester Results



Mallikarjun M
(4JD20EC020)
88.63%



Mohammed Sanaulla
(4JD20EC027)
83.88%



Sahana K P
(4JD20EC039)
83.63%

VTU 7th Semester CBCS Results for January 2024 Examinations have been released for all regions on 17th February 2024. Department of Electronics & Communication Engineering has achieved remarkable passing percentage of **90.62%** in the 7th semester results. **Mallikarjun M** has secured 1st place with 88.63%, **Mohammed Sanaulla** has secured 2nd place with 83.88%, **Sahana K P** has secured 3rd place with 83.63%. Hearty Congratulations to all the toppers of E & C E Department on behalf of College Management, Principal, HOD, Teaching and Non-teaching staff members.

Finalist : YUKTI Innovation Challenge 2023



Images of Finalist: YUKTI Innovation Challenge 2023

An Innovation titled “**INTELLIGENT AUTOMATION OF HOME, AGRICULTURE AND STREET LIGHT USING IOT**” with Innovation ID- IR2022-795652 under the Mentorship of **Dr. Ravirayappa**, Associate Professor, Dept. of E&CE has been selected as finalist of **YUKTI Innovation Challenge 2023** to participate in the Final Round of Assessment for Funding Assistance and Incubation Linkage Support from MoE's Innovation Cell & AICTE.

Out of 779 innovations gone through the pitching process, 370 are declared as finalists of the YUKTI Innovation Challenge 2023 held at KLE University, Hubli.