

Newsletter

APRIL
2024

"We are all human
beings, and our
nationality is
Simply an Accident
Of birth."



"Our prime purpose
in this life is to help
others. And if you
can't help them, at
least don't hurt
them."

Venkatraman
Ramakrishnan



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

*Assistant Professor
Dept. of E&CE,
JIT, Davangere*



Mr SUNIL M

*Assistant Professor
Dept. of E&CE,
JIT, Davangere*

*Warm greetings to the readers of **Electro Infinity**!!*

We are pleased to share with you the April Month issue of the newsletter for the year 2024 with a Heartfelt wishes of Chandramana Yugadi , Ramzan and Amedkar's Jayanti & Mahaveer Jayanti to all its readers. 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 : **Progress is impossible without change, and those who cannot change their minds cannot change anything.** - Venkattraman Ramakrishnan*

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.*

Project Proposals Approved for 47th series KSCST Sponsorship

In the 47th series of Student Project Programme (SPP): 2023-24, **Two Proposals** from the department of E&CE has been selected and sponsored. Hearty Congratulations to both the Project Guides and Students from College Management, Advisor, Principal, HOD and all the faculty members.



Project Team-1

The project proposal titled “**OBJECT DETECTION FOR BLIND PERSON USING YOLO ALGORITHM**” was submitted by the following students under the guidance of **Prof. RAVIKUMAR K. I.**, Assistant Professor, Dept. of E&CE. An amount of **Rs. 5,000.00/-** has been sanctioned.

Project Team Members



SAGAR M G



VARSHA V



HALLI SANGEETHA



SHIVALINGASWAMY S V

Project Team-2

The project proposal titled “**VOICE ASSISTANT SIGN LANGUAGE DETECTION USING MACHINE LEARNING**” was submitted by the following students under the guidance of **Prof. DEEPTHI G B**, Assistant Professor, Dept. of E&CE. An amount of **Rs. 5,000.00/-** has been sanctioned.



Project Team Members



MALLIKARJUN M



PRATHIBHA M H



VARUN K



SAHANA T

Celebration of Sri Ramanavami

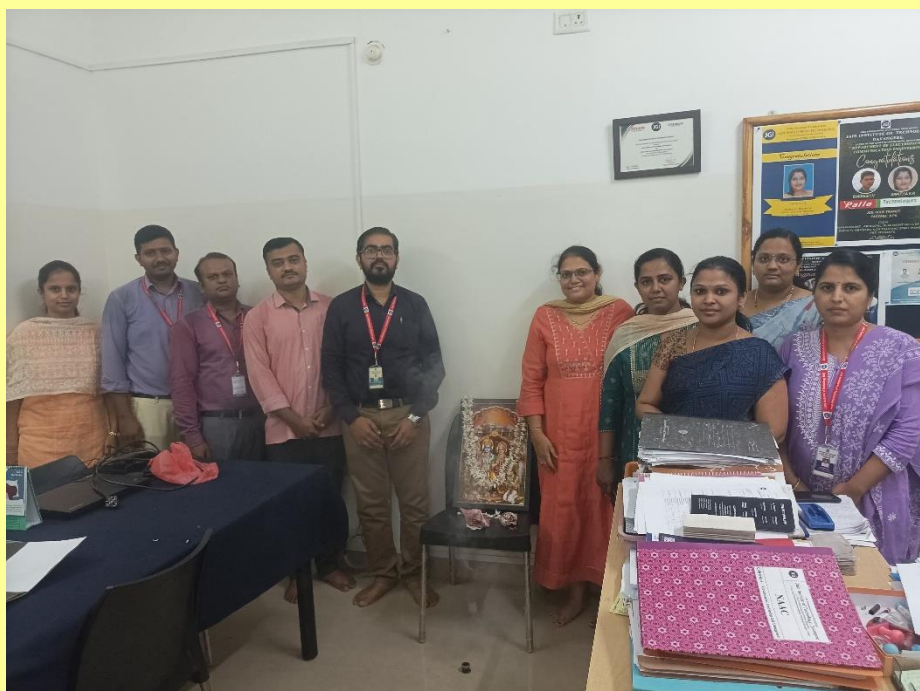


Image of Celebration Sri Ramanavami

On the Occasion of Sri Ramanavami, Department of E&CE celebrated it by offering prayers to Lord Sri Rama. All the faculty members of E&CE Department took the blessings of Lord Sri Rama.

Student's Achievement : Campus Placement

JGI Arka Educational and Cultural Trust Regd.
Jain Institute of Technology, Davangere
(A Unit of Jain Group of Institution, Bengaluru)

Department of Electronics & Communication Engineering
In Association With
Department of Training and Placement Cell
Congratulates



Mallikarjun M **Varsha V Patil**

For Being Placed in 

Best Wishes From Management, Principal, Advisor, Dean(T&P), HOD, Placement Coordinators, Teaching & Non-Teaching Staffs and Students.

Final year students of E&CE Department, **Mallikarjun M** and **Varsha V Patil**, has been placed in **KINGHILLS** Company during the recent placement drive. Hearty Congratulations to both the students from College Management, Principal, Advisor, Dean-Training & Placement, HOD, Placement Coordinators, Teaching and Non-teaching Staff and Students.

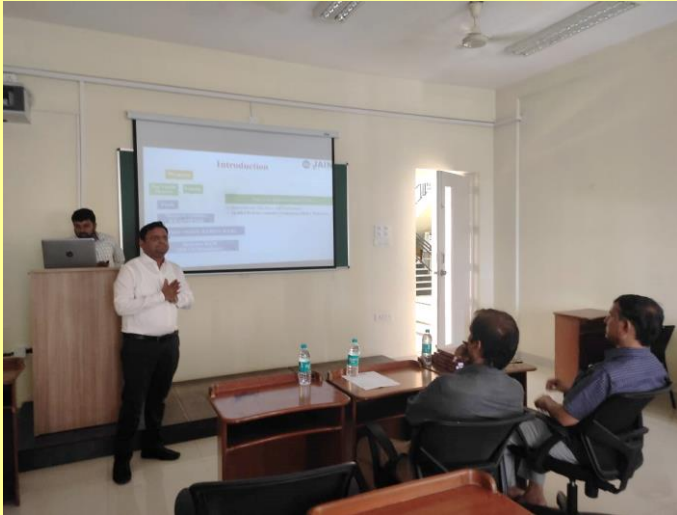
Industrial Visit



Images of Industrial Visit

An Industrial Visit to “**Deshpande Startups**”, Hubli was arranged by the department of E&CE to provide practical exposure to 8th Semester Students. Deshpande Startups is creating & nurturing an ecosystem in a non-metro with the objective to build an entrepreneurial ecosystem that serves the semi-urban and rural segments. In this Industrial visit, students gained information regarding the stages of startups, Problem statement, validation, solution, customer valuation, technology intervention, acoustic growth in startups. They also got insights about PCB designing, screen printing, conveyor and reflow and the further testing process on the PCB board like vibration test, dust test, resistance test. Prof. Anusha T S and Mr. Arun Kumar B N accompanied the students.

Faculty Achievement : Ph.D Thesis Defence Viva



Mr. Ravikumar K I, Assistant Professor, Dept. of E&CE has successfully completed his **Ph.D. Thesis Defence Viva** on the research topic entitled **“Design and Implementation of RRAM for ANN Based Applications”** under the supervision of Chairperson & Guide, **Dr. R. Sukumar**, Professor & Head, Department of ECE, Jain University, Bangalore and External Examiner **Dr. U B Mahadevaswamy**, Professor & Head, Department of ECE, Sri Jayachamarajendra College of Engineering, Mysore. The viva-voce was conducted at 11:00 AM in Jain Global Campus, Kanakapura Road, Bangalore.

Muthoot Fincorp Scholarship



Ananya V of 6th semester E&CE department received a scholarship amount of **Rs.30,000/-** from **Muthoot Fincorp** as an CSR Initiative from Muthoot Group.