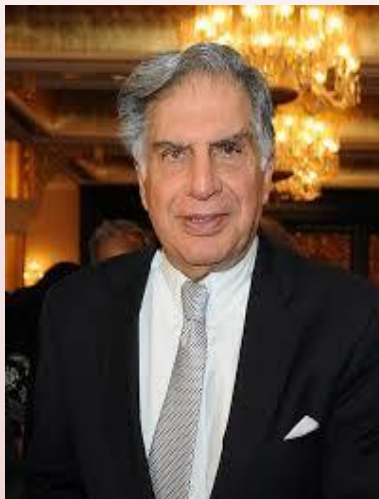




DECEMBER
2024

"I DON'T BELIEVE IN
TAKING RIGHT
DECISIONS. I TAKE
DECISIONS AND THEN
MAKE THEM RIGHT."



"UPS AND DOWNS IN
LIFE ARE VERY
IMPORTANT TO KEEP
US GOING BECAUSE A
STRAIGHT LINE EVEN IN
AN ECG MEANS WE ARE
NOT ALIVE."

Sri . Ratan Naval
Tata



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 December issue of the newsletter for the year 2024 with a Heartfelt wishes of Christmas. 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 “None can destroy iron, but its own rust can! Likewise, none can destroy a person, but their own mindset can” – Sri. Ratan Tata, Indian Industrialist

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.*

IIC : A Session on “Problem Solving & Ideation Workshop”

NBA **INSTITUTION'S INNOVATION COUNCIL** (Ministry of HRD Initiatives) **ACCREDITED**

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

JITD Institutions Innovation Council
In Association With
Department of Electronics and Communication Engineering
Organizes
A session on "Problem Solving and Ideation Workshop"

On: 6-12-24
11 am
JITD Auditorium

Resource Person
Mr. Manjunatha M
Data Analyst
Abeyaantrix Edu Soft.

Mrs. Anusha T S
IIC, Coordinator

Mr. Harish K S
Convener, JITD, IIC

Dr. Mouneshachari S
Vice President, JITD, IIC

Dr. Santosh Herur
Prof. & Head

Dr. Manjappa Sarathi
Advisor, JITD

Dr. Ganesh D.B
Principal and Director



Images of the IIC Event.

JITD Institution's Innovation Council (IIC) in association with the Department of Electronics and Communication Engineering organized A session on “**Problem solving and Ideation workshop**” on 06th December, 2024 at JITD Auditorium. **Mr. Manjunath M, Data analyst, Abeyaantrix Edu Soft.** and a Proud Alumni of E&CE dept, JITD was invited as the Resource person for the Program. **Dr. Ganesh D B**, Principal & Director, and **Dr. Manjappa Sarathi**, Advisor, JITD conveyed their best wishes in their absence. **Dr. Santosh Herur**, Professor and Head, Department of E&CE addressed the gathering and encouraged the students to upskill their knowledge in Problem solving and Ideation. **Prof. Harisk K S**, Convener and **Prof. Anusha T S**, IIC Coordinator, Dept. of E&CE were also present during the program. A total of 50 students from 3rd semester of various department attended the Workshop. All the teaching and non-teaching staff members of the Institute were also present during the event.

Course Activity : Food Walk

ARKA Educational cultural trust (R)

JGI JAIN INSTITUTE OF TECHNOLOGY, Davanagere
(A unit of Jain Group of Institutions, Bengaluru)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Accredited by NBA, New Delhi)

FOOD walk

In The View of Social Connect And Responsibility course

Date: 9/12/2024
Venue: E&C Department Block
Time: 2:00 pm
Prof. Deepthi GB
Course Coordinator

Dr. Santosh Herur
Head of Department

Dr. Ganesh DB
Principal & Director



Images of Food Walk, Course Activity.

Food Walk activity was conducted for the 3rd semester A section students on 9th December 2024 in the department of E&CE as a part of Social Connect and Responsibility Course : Module 5. Students presented various dishes. Mr. Manjunath and Mrs. Geetha M, Yoga teachers, were invited as judges for the event. Course Coordinator Prof. Deepthi G B and all the faculties of E&CE Dept. were present. The judges evaluated the activity based on culinary practices, taste, hygiene and presentation skills. Chinmayi S & Aishwarya team ranked first and Akash, Adarsh & Dhruvaraj team ranked second among the participants.

Prakruthi Parikshan Abhiyana—13/12/2024



Images of Prakruthi Parikshan Abhiyana.

The Ayurveda team from Ashwini Hospital visited and consulted students of E&CE department. Forum Encore took this student welfare initiative. Prakruthi Parikshan Abhiyana is an initiative launched by the Government of Karnataka aimed at promoting environmental awareness and sustainability. The program focuses on educating citizens about the importance of conserving natural resources, reducing pollution, and preserving biodiversity. It encourages active participation in activities like tree planting, eco-friendly practices, and waste management to ensure ecological balance and sustainable development. On behalf of dept. of E&CE, Dr. Santosh Herur, HOD, Dept. of ECE received letter of appreciation for being a part of Prakruthi Parikshan Abhiyana.

Skill Development Program on Embedded system for Project/Product Development.

Six days **Skill Development Program on Embedded system for Project/Product Development** was organized by the department of E&CE in Association with Abeyaantrix Softlab, Davangere from 05th December 2024 to 12th December 2024. During the Program students were taught about the working of Bluetooth and its programming by using the Bluetooth module, Wi-Fi module and its Programming. Abeyaantrix team supported and trained students in building their Mini-project.

On 13th December 2024 a Valedictory function of the Skill Development Program on Embedded system for Project/Product Development was organized in EEE Seminar Hall, JITD. **Mr. Shivraj V S**, Manager, Abeyaantrix Edusoft LLP and **Mr. Rakesh K B**, Embedded Engineer, Abeyaantrix Edusoft LLP were invited as the chief guest for the event. Principal & Director, **Dr. Ganesh D B** addressed and congratulated students on completing their training to complete mini project. **Dr. Santosh Herur**, HOD, dept. of ECE addressed students and highlighted on the importance of entrepreneurship and choosing a good Final year project. Students shared their feedback on the SDP and all the students were given

participation certificates. Prof. Sharanabasaveshwara H B and Prof. Deepthi G B Coordinated the event. All the faculty members and 5th semester students of ECE Dept. were present during the event.



Images of Skill Development Program.

Training and Placement Cell: TAP Academy Internship Drive



Images of Tap Academy Placement Drive.

The Training & Placement Cell of Jain Institute of Technology, Davangere, organized a successful internship drive in collaboration with TAP Academy on December 12, 2024. The drive, open to students from all branches, was conducted by the HR team lead by Mr. Mallikarjun from TAP Academy, with active participation from students across various disciplines. The event was coordinated by Dr. Prakash M Walavalkar (Dean, Training & Placement), and placement coordinators from different departments.

The drive concluded with 13 students being selected, including 12 from the Computer Science & Engineering (CSE) branch and one from the Electronics & Communication Engineering (ECE) branch. TAP Academy, known for its focus on technical training in areas such as Java, Python, and Data Science, provided a valuable platform for students to demonstrate their skills and secure internship opportunities. At the conclusion of the event, Dr. Ganesh D B, Principal & Director, congratulated the selected students, encouraging them to make the most of this opportunity to enhance their professional and technical expertise. The Training & Placement Cell extends its gratitude to TAP Academy, the HR team, faculty members, placement coordinators, and students for their enthusiastic participation and efforts in making the event a success.

Project Exhibition : P-EXPO-2024



Images of P-Expo -2024.

P-EXPO-2024, A Project and Product Exhibition was organized at Jain Institute of Technology. All the final year students of E&CE Department actively participated and demonstrated their projects and presented their innovative ideas with the help of charts and models. A Total of 18 teams participated in the event.

Dr. Mahantesh P Mattada, Associate Professor, Dept. of ECE, PESITM, Shimogga has been invited as the external examiner for the evaluation of projects. He appreciated the efforts of students and encouraged them. **Dr. Ganesh D B**, Principal & Director, JITD and **Dr. Santosh Herur**, Professor & Head, Dept. of E&CE were also assessed student's projects.

Among all the projects exhibited, the following **Two Projects** were ranked as first and second by the Evaluator.

FIRST PLACE

The Projectwork entitled **“EARLY DETECTION OF GLAUCOMA USING DEEP LEARNING TECHNIQUE”** presented by the students : **Kiran Kumar S H, Varun Kumar B V, Virakthi Matam Rakshith and Kushal A N** under the guidance of **Prof. Pushpalatha O**, Assistant Professor, Dept. of E&CE has got First place in the Project Exhibition.



1st Place Group photo.

SECOND PLACE

The Project work entitled “**ENHANCING BABY SAFETY IN CAR USING IOT**” presented by the students : **Bhumika S, Hemavathi G, Meghana N S and Pruthvi B U** under the guidance of **Dr. Rajendra Soloni** ,Associate Professor,Dept.of E&CE has got Second place in the Project Exhibition.



2nd Place Group photo.

NEWS AND MEDIA



ದಾವಣಗೆರೆಯ ಜೈನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಕಾಲೇಜಿನಲ್ಲಿ ಶುಕ್ರವಾರ ವಿದ್ಯಾರ್ಥಿಗಳು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದ 75ಕ್ಕೂ ಹೆಚ್ಚು ನವೀನ ಮಾದರಿಗಳನ್ನು ಪ್ರದರ್ಶಿಸಲಾಯಿತು. ಯುಬಿಡಿಟಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಅಧ್ಯಾಪಕ ಎಸ್.ಬಿ. ಮಲ್ಲಾರ್, ಗಣೇಶ್ ಡಿ.ಬಿ., ಸಲಹೆಗಾರ ಮಂಜಪ್ಪ ಸಾರಥಿ, ಸಂಯೋಜಕ ರಮೇಶ್ ಆರ್.ಎಸ್ ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗವಹಿಸಿದ್ದರು

ಚಿತ್ರಾವಳಿ



ದಾವಣಗೆರೆಯ ಜೈನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಕಾಲೇಜಿನಲ್ಲಿ ಶನಿವಾರ 'ಸಮನ್ವಯ 2024' ಹಲೇ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಂಗಮ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಿತು. ಸಲಹೆಗಾರ ಮಂಜಪ್ಪ ಸಾರಥಿ, ಪ್ರಾಚಾರ್ಯ ಗಣೇಶ್ ಡಿ.ಬಿ., ಕಾರ್ಯಕ್ರಮದ ಸಂಚಾಲಕ ಜಿ.ನಟರಾಜ, ವಿವಿಧ ವಿಭಾಗಗಳ ಮುಖ್ಯಸ್ಥರು, ಸಂಯೋಜಕರು ಭಾಗವಹಿಸಿದ್ದರು



Alumni of Jain Institute of Technology are seen with College Principal Ganesh D B, programme convener G Nataraj and others faculty members during 'Samanvaya-2024' organised at Jain Institute of Technology in Davanagere. DH PHOTO

ಕನ್ನಡಪ್ರಭ

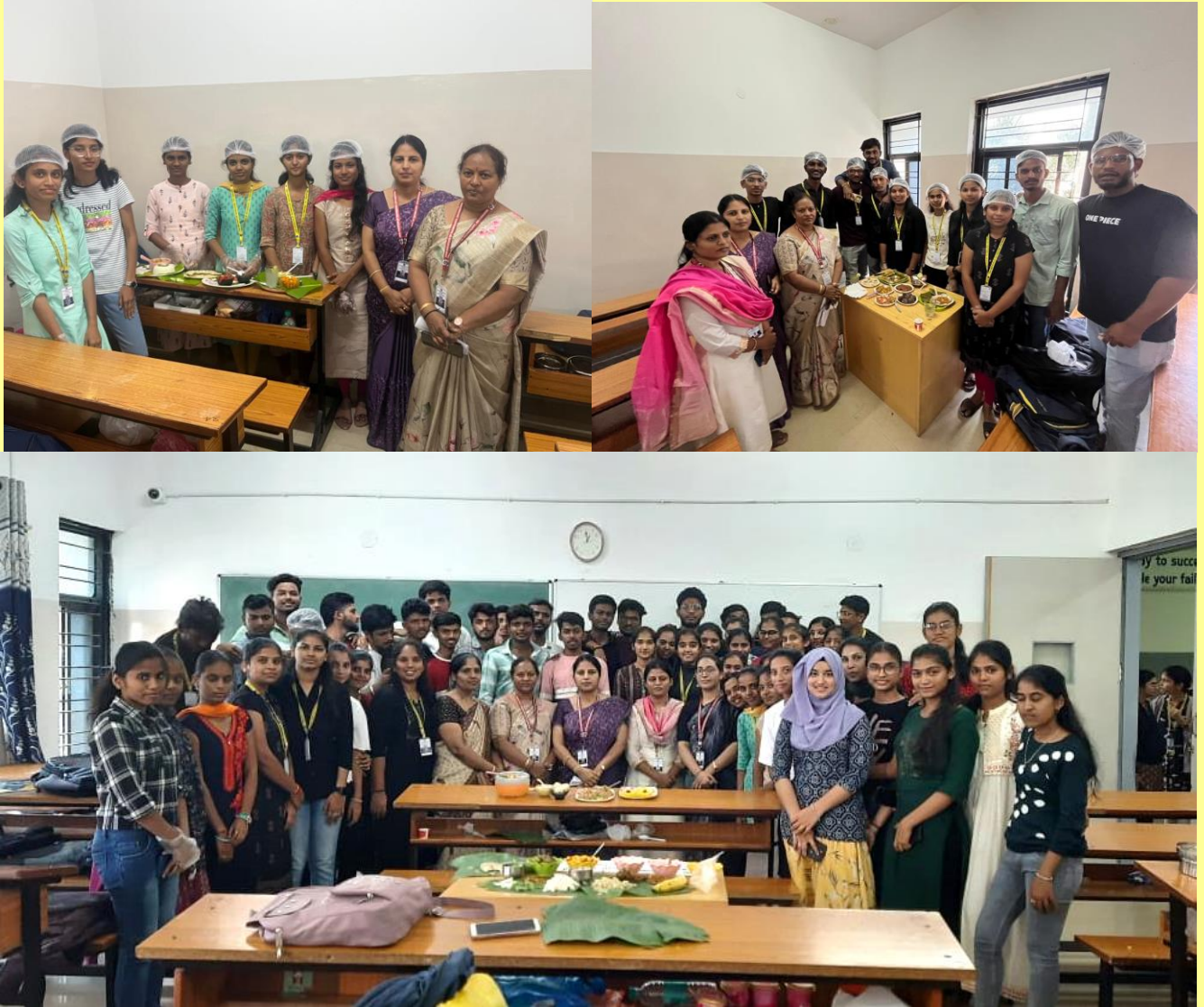


ದಾವಣಗೆರೆಯ ಜೈನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಕಾಲೇಜಿನಲ್ಲಿ ಪ್ರಾಚಾರ್ಯ ಮಂಜಪ್ಪ ಸಾರಥಿ, ಕಾರ್ಯಕ್ರಮದ ಸಂಚಾಲಕ ಜಿ.ನಟರಾಜ, ವಿವಿಧ ವಿಭಾಗಗಳ ಮುಖ್ಯಸ್ಥರು, ಸಂಯೋಜಕರು ಭಾಗವಹಿಸಿದ್ದರು.

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Dec 22, 2024 Page No. 01

Images of News and media of P-expo-2024

Course Activity : Food Walk



Images of Food Walk

Food Walk activity was conducted for the 3rd semester B section students on 21st December 2024 in the department of E&CE as a part of Social Connect and Responsibility Course : Module 5. Students presented various dishes. Mrs. Renuka B C, Librarian, JITD invited as judge and Course Coordinator Prof. Deepthi G B coordinated the event. The evaluation of the activity was based on culinary practices, taste, hygiene and presentation skills. Among all the participants 2 teams ranked first and 2 teams second. Thrupthi & Shaziya Siddiqua teams got first place and Priyanka P H & Rajesh Shivananchi teams got second place.