

Newsletter

MAY -2024

"Adversity is that power which evaluates a man's true worth and takes him further."



VINAYAK DAMODAR SAVARKAR
(28 May 1883 - 26 Feb 1966)

"The practice of untouchability is sin a blot on humanity and nothing can"

Vinayak
Damodar
Savarkar



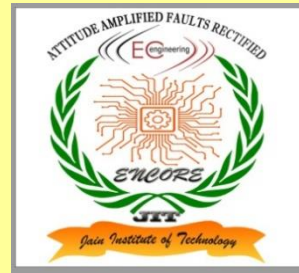
ARKA Educational & Cultural Trust (Regd.)

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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Mr SUNIL M

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

We are pleased to share with you the May month issue of the newsletter for the year 2024 with a Heartfelt wishes of Basava Jayanti and World Labour Day. 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 “The world respects those who can stand up for themselves and fight their own battles”- V D Savarkar.

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.*

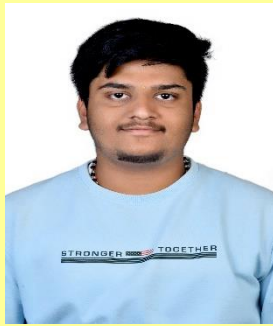
Program Specific Outcomes (PSOs)

- ❖ *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.*

Student's Achievement : 3rd Semester Results



Ayush G.Y
(4JD22EC009)



Fathima Misba
(4JD22EC020)



Shreya Narasagond
(4JD22EC048)

VTU 3rd Semester CBCS Results for March-April 2024 Examinations have been released for all regions on 2nd May 2024. Department of Electronics & Communication Engineering has achieved a passing percentage of **49.27 %** in 3rd semester results. **Ayush G.Y** has secured 1st place with 82.56%, **Fathima Misba** has secured 2nd place with 82% and **Shreya Narasagond** has secured 3rd place with 81.67%. Hearty Congratulations to all the toppers of E&CE Department on behalf of College Management, Principal, HOD, Teaching and Non-teaching staffs.

Student's Mini-Project Implementation



Image of Student's Mini Project Implementation

Final year Student's of ECE Department, **Mallikarjun M, Varun K, Prathibha M H and Sahana T** successfully Implemented their Mini-Project "**IoT Based Smart Notice Board**" under the guidance of **Prof. Deepthi G B.** at the Entrance of E&CE Department.

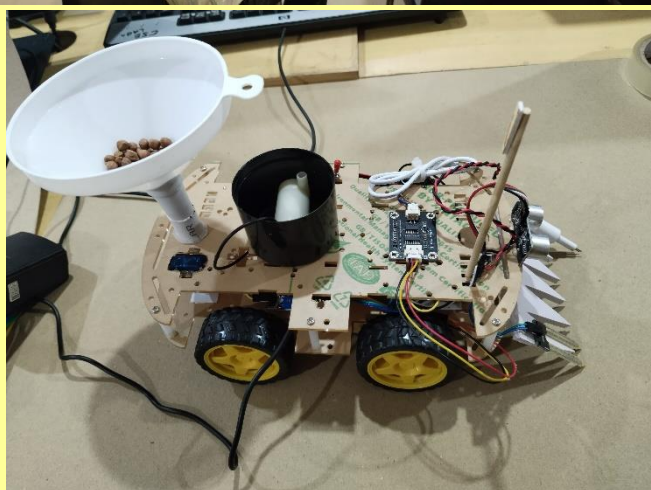
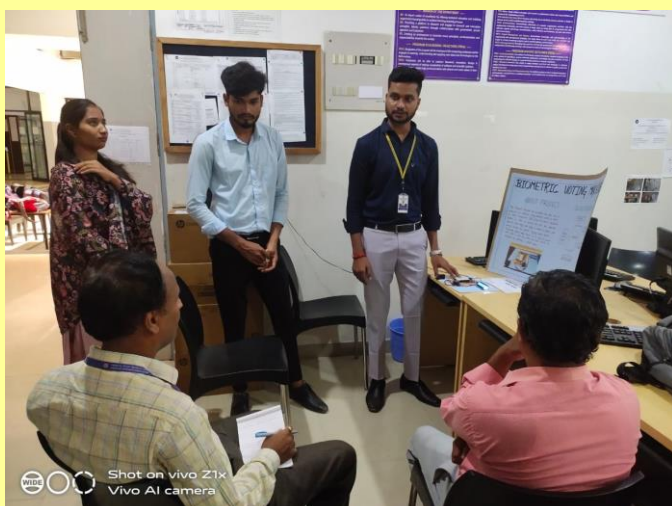
SHRUNGA 2K24 GRAND INAUGAURATION



Images of Shrunga-2k24 Grand Inauguration.

The Inauguration of Annual Sports and Cultural fest of Jain Institute of Technology Davanagere titled “**SHRUNGA**” for the year 2024 was held on Monday the 6th of May 2024. **Mr.Pruthvi Shamanoor**, Cine Actor & Ambassador of Election Commission, Davangere district graced the inauguration ceremony as the Chief Guest. Addressing the audience he called upon the students to take part actively and positively in electing our people representative in forming the government and keep up the democracy of our country. Expressing his wishes for the grand success of the shrunga 2k24 he called upon the students to utilize the platform to shine in their career. **Dr.Manjappa Sarathi**, Advisor, JITD and **Dr.Ganesh. D B**, Principal & Director encouraged the students to actively participate in all the sports and cultural activities. Convener of Shrunga-2K24, **Dr. Mouneshachari S** briefed about the shrunga website and activities for the sports and cultural events. Collage cultural coordinator, Prof.Muralidhar.S sang a invocation song.

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 17 teams participated in the event. **Dr. Sreedhara murthy S K**, Professor, Dept. of ECE, UBDTCE, Davangere 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 examined the student's projects.

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

First Place :

The Project work entitled **“CROPWISE REVOLUTIONIZING FARMING WITH DATA DRIVEN CROP SELECTION”** presented by the students : **Manjunatha M, Akash G J, Anith Baba A, Bharath B P** under the guidance of **Dr. SANTOSH HERUR** , Professor & Head, Dept.of E&CE has got First place in the Project Exhibition.



First Place group photo.

Second Place:

The Project work entitled **“OBJECT DETECTION FOR BLIND PERSON USING YOLO ALGORITHM”** presented by the students : **Sagar M G, Varsha V, Halli Sangeetha** under the guidance of **Dr. RAVIKUMAR K I** ,Assistant Professor,Dept.of E&CE has got Second place in the Project Exhibition.



Second Place group photo.

Student's Achievement : 5th Semester Results



PRIYA R
(4JD21EC035)
86.63 %



BHUMIKA S
(4JD21EC011)
85 %



SINDUSHREE M J
(4JD21EC048)
84.63 %

VTU 5th Semester CBCS Results for March-April 2024 Examinations have been released for all regions on 10th May 2024. Department of Electronics & Communication Engineering has achieved a remarkable passing percentage of **81.15 %** in the 5th semester results. **PRIYA R** has secured 1st place with **86.63 %**, **BHUMIKA S** has secured 2nd place with **85%** and **SINDUSHREE M J** has secured 3rd place with **84.63 %**. Hearty Congratulations to all the toppers of E&CE Department on behalf of College Management, Principal, HOD, Teaching and Non-teaching staffs.

Ethnic Day 2K24 : DASARA Theme



Images of Ethnic Day-2024



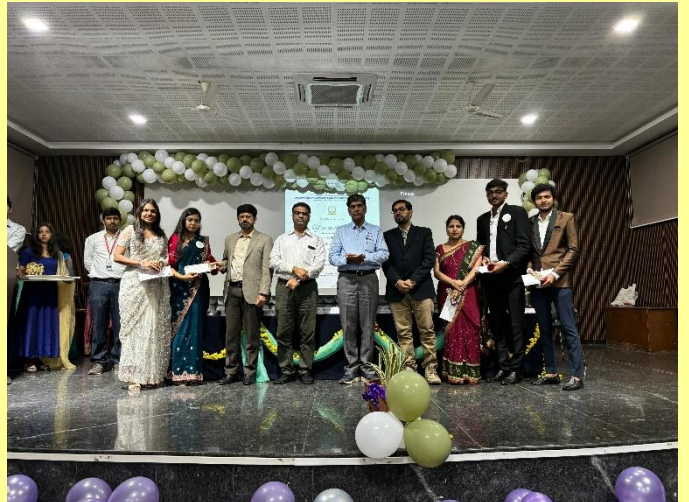
Images of Ethnic Day-2024

On the occasion of SHRUNGA 2K24, Ethnic Day was celebrated in the department of Electronics & Communication Engineering with a Theme of **DASARA**. All the students created colorfull vibes of Dasara festival in the department by offering pooja to maa Durga and also presented a dance performance. All the faculty members and students walked up for a Ethnic Day Procession and exhibited Dasara theme. All the faculty members, students and non-teaching staff members dressed up in ethnic outfits and celebrated it.

Farewell Function : Yaadein – 2024 Output Batch



Images of Farewell Function : Yaadein – 2024



Images of Farewell Function : Yaadein – 2024

Department of Electronics and Communication Engineering organized a **Farewell Function : Yaadein** for the final year students at JITD Auditorium. **Mr. Vijay Kumar N D**, Director, Proxelera India Pvt. Ltd., Bangalore invited as chief guest for the event. **Dr. Ganesh D B**, Principal & Director, JIT presided over the function. **Dr. Manjappa Sarathi**, Advisor, JITD, **Dr.Santosh Herur**, HOD, Dept. of ECE, **Mr. Sharanabasaveshwara H B**, Forum coordinator, Dept. of ECE also chaired the stage. All the dignitaries inaugurated the function by watering the plant. Mr. Vijay Kumar N D addressed the students regarding placement opportunities in VLSI domain, its necessary preparations and skills required. Dr.Santosh Herur, HOD, Dept. of ECE gave an overview about student's participation in academics and co-curricular activities and wished the best for their career and profession.

Mr. Sharanabasaveshwara H B, Forum coordinator presented a report on forum activities conducted in the department. Advisor, Dr. Manjappa Sarathi encouraged the students to actively participate in all the events and gave his best wishes to all the final year students. Dr.Ganesh D B, Principal & Director, JITD gave presidential remarks and wished the best for all outgoing students and asked students to be in association with the college and also assured all support from the institution for their future endeavours.

Dr. Ravikumar K I, Assistant Professor, Dept. of ECE was felicitated for completion of Ph.D from Jain University. **Academic toppers, Campus Placed students, Winners of forum events, Placement coordintors, Forum representatives and Class representatives** were honoured with certificate. A total of **16 NPTEL certified students** were encouraged with cash Prizes. Final year students who contributed their **mini-project** to the institution were honoured. A memento was presented to all the outgoing students. Final year students, **Mallikarjun M and Prathibha M H** awarded as Best outgoing students of the year and **Varsha V** awarded as Best Performer. A photo session was arranged for the KSCST funded project batch students and Campus placed students. All the Teaching and Non-teaching staff members, 2nd and 3rd year students of the department were present during the event.