

Newsletter

DECEMBER
2025

"The reality we
can put into
words is never
reality itself."



"Science is
made by men,
not by
machines."

*Werner
Heisenberg*



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



Ms NAYANA T

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

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

We are pleased to share with you the December issue of the newsletter for the year 2025 with a Heartfelt wish 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** An expert is someone who knows some of the worst mistakes that can be made in his subject and how to avoid them- Werner Heisenberg.*

Happy reading

Thank you

NAYANA T

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.*



ARKA Educational & Cultural Trust (R)

JAIN INSTITUTE OF TECHNOLOGY DAVANGERE

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Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi | Recognized by Govt. of Karnataka

Department of Electronics and Communication Engineering

Accredited by NBA, New Delhi (validity upto 30.06.2026)

Activity on Water Conservation

As a Part of Curriculum --Social Connect & Responsibility-BESCK307

Objectives

Knowing the present practices in the surrounding villages and implementation in the campus, documentary or photoblog presenting the current practices – Objectives, case study, report, outcomes.



every drop counts.

help us save the environment by conserving water.



Resource Person

Dr. Rahul Patil

**Head of the Department
Dept. of Civil Engineering
JITD.**



4/12/2025

Thursday

JITD, Auditorium

2pm onwards.



Savita Mamadapur

Sunil M

Fahima Nadaf D K

Mentors

**Dr Santosh Herur
Prof. & Head**

**Dr Prakash K B
Dean Academics**

**Dr. Ganesh D .B
Principal and Director**

<https://jitd.ac.in/dept.php?dept=ec>



<https://www.instagram.com/jiteceencore/>



<https://www.facebook.com/jiteceencore>

Awareness about VTU e-Consortium



Images of awareness session on vtu e-consortium

Mrs. Renuka B. C., Librarian at JITD, addressed the 3rd semester students of the Department of Electronics and Communication Engineering and provided detailed information about the VTU e-Consortium, including the registration process and the steps for accessing e-books, journals, and video lectures through the platform.

Course Activity: Awareness Session on Water Conservation and Waste Management



JGI
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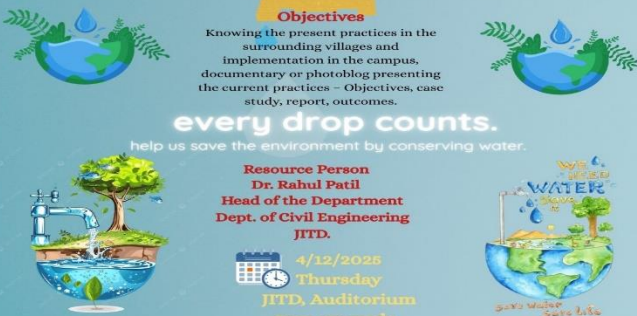
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Images of awareness session

The Department of Electronics and Communication Engineering organized a session for the 3rd semester students under the course Social Connect and Responsibility (BESCK307) on “Water Conservation and Waste Management” on 4th December 2025 at 2:30 PM in the JITD Auditorium. The session was coordinated by **Prof. Savita Mamadapur**, **Prof. Sunil M**, and **Prof. Fahima Nadaf D. K.**, Assistant Professors, Department of E&CE. The activity was conducted by **Dr. Rahul Patil**, Head of the Department, Civil Engineering, who emphasized the importance of sustainable water usage and responsible waste management practices. **Around 200 students** participated actively and gained valuable insights into environmental protection and sustainable practices. The department expresses its sincere appreciation to **Dr. Rahul Patil** and all participants for their contribution to the success of this informative and impactful session.

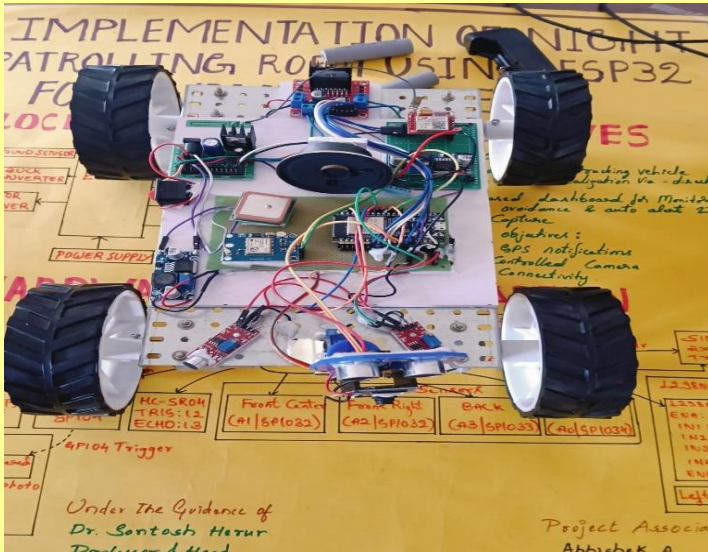
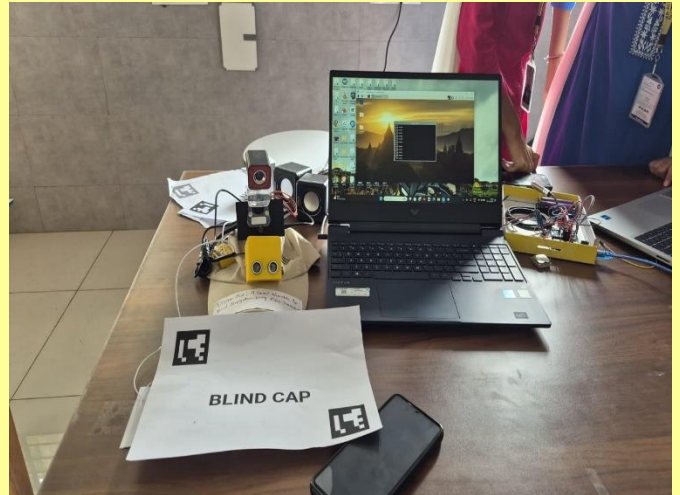
A Visit to Aikanthika Natural Farm



Images of aikanthika farm visit

As part of the SCR activity on **Organic Farming and Waste Management** under the VTU course **BSCK307**, the 3rd Semester **B and C Section** students of the Department of Electronics and Communication Engineering visited **Aikanthika Organic Farming** on **05th December 2025**. The primary objective of the visit was to provide students with practical exposure to organic farming techniques and to enhance their understanding of sustainable agriculture and environmental conservation practices. Upon arrival, the students were warmly welcomed by **Mr. Raghava**, Founder of Aikanthika Organic Farming. He delivered an insightful session on the principles of organic farming, emphasizing its role in maintaining soil fertility, improving crop quality, and preserving ecological balance. He also highlighted the long-term advantages of adopting natural farming methods over synthetic chemical-based practices. The visit was efficiently organized and coordinated by the Course Coordinators, **Mrs. Savita Mamadapur** and **Mrs. Fahima Nadaf D. K.**, along with the Class Incharges, **Ms. Ayesha Siddiqua Khanum M** and **Ms. Kshitija T**, who accompanied the students throughout the activity.

Project Exhibition : P-EXPO-2025



Images of P-Expo-2025

P-EXPO-2025, a Project and Product Exhibition, was organized at Jain Institute of Technology. All the final-year students of the Department of Electronics and Communication Engineering actively participated, demonstrating their projects and presenting their innovative ideas with the help of charts and models. A total of 19 teams participated in the event.

Dr. Siddesh K. P., Professor & Head, Dept. of E&CE, SJMIT, Chitradurga, and **Dr. Rajendra Soloni**, Associate Professor, Dept. of E&CE, JIT, were invited as the external and internal examiners for the evaluation of the projects. They appreciated the efforts of the students and encouraged them.

Dr. Ganesh D. B., Principal & Director, JITD, and **Dr. Santosh Herur**, Professor & Head, Dept. of E&CE, also assessed the students' projects.

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

FIRST PLACE

The Project work entitled "**MINDAGUARD: AI ENABLED BRAIN HEALTH MONITORING SYSTEM**" presented by the students: **Atharv Magavi**, **Shiva Kiran M V**, **Rohith Nadigar M N** and **Harikishore M** under the guidance of **Prof. Anusha T S**, Assistant Professor, Dept.of E&CE has got First place in the Project Exhibition.



1st Place Group photo

SECOND PLACE

The Project work entitled "**VISION AID: A SMART WEARABLE FOR BLIND NAVIGATION USING VIDEO PROCESSING**" presented by the students: **Rajendra Prasad D**, **Ashish G**, **Kartik S K** and **Keerthikumar M** under the guidance of **Dr. Ravikumar K I**, Associate Professor, Dept.of E&CE has got Second place in the Project Exhibition.



Davanagere, Karnataka, India

Cxj5+j57, Davanagere, Karnataka 577003, India

Lat 14.431307° Long 75.957863°

06/12/2025 01:29 PM GMT +05:30

2nd Place Group photo

A Visit to Aikanthika Natural Farm



Images of aikanthika farm visit

As part of the Social Connect and Responsibility (SCR) activity on Organic Farming and Waste Management under the VTU syllabus BSCK307, the 3rd Semester ECE 'A' Section students visited **Aikanthika Organic Farming**. The objective of the visit was to provide students with practical exposure to organic farming techniques and to help them understand their role in sustainable agriculture and environmental conservation. Upon arrival at Aikanthika Organic Farming, the students were warmly welcomed by **Mr. Raghava**, the founder of the farm. He delivered an insightful introduction to organic farming, highlighting its significance in maintaining soil health, enhancing crop quality, and protecting the ecosystem. He also emphasized the advantages of adopting natural farming practices over synthetic chemicals to ensure long-term agricultural sustainability. The visit was successfully organized and coordinated by the Course Coordinators Dr. Ravirayappa, Associate Professor, and Mr. Sunil M, Assistant Professor, along with Mr. Arunkumar B. N., Instructor, from the Department of Electronics and Communication Engineering, who accompanied the students throughout the activity.

Student Development Program on Machine Learning and Its Applications



Images of Skill Development Program

The Department of Electronics and Communication Engineering organized a “**Student Development Program on Machine Learning and Its Applications**” on **11th December 2025** at the **JITD Auditorium**. **Mrs. Chaithra A**, AI & ML Expert, Scaler Academy, Bengaluru, was invited as the **resource person** for the program. **Dr. Ganesh D. B.**, **Principal & Director**, and **Dr. Sarathi Manjappa**, **Advisor, JITD**, conveyed their best wishes for the event. **Dr. Santosh Herur**, **Professor & HOD, ECE, Director–IQAC**, and **IIC Vice President**, addressed the gathering and encouraged the students to enhance their knowledge and skills in the field of machine learning. The resource person, **Mrs. Chaithra A**, delivered an insightful session on **machine learning and its applications**, highlighting its growing importance across various industries. Prof. Sharanabasaveshwara H. B., Prof. Anusha T. S., and Prof. Mounashree B., coordinators from the Department of E&CE, were also present during the program. A total of **150 first-semester students** from various departments attended the session. All the **teaching and non-teaching staff members** of the institute were also present, making the event a successful and enriching learning experience for the students.

Mini Project Exhibition : P-EXPO-2025



Images of Mini P-Expo-2025

The Department of Electronics and Communication Engineering organized **P-EXPO-2025**, a Mini Project, Product, and Prototype Exhibition on **12th December 2025**. All the students of the **5th Semester A & B Sections** actively participated in the event, showcasing their innovative projects through functional models and posters. A total of several student teams exhibited their work during the expo. **Mr. Shivaraj V. S., Manager, Abeyaantrix Softlabs, Davangere**, was invited as the **external evaluator** for assessing the projects. He appreciated the creativity and efforts of the students and encouraged them to further enhance their technical skills. The event was also graced by **Dr. Ganesh D. B., Principal & Director, JITD**, and **Dr. Santosh Herur, Professor & Head, Department of E&CE**, who evaluated the projects and interacted with the student teams. The event was coordinated by **Prof. Deepthi G. B.** and **Prof. Sharanabasaveshwara H. B. Assistant Professors, Dept.of E&CE.**

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

FIRST PLACE

The first place was jointly secured by two project teams. The project titled **"VOICE TO VISUAL (VTOV)"**, presented by students **Adarsh P., Manoj K. V., Dhruvraj R., and M. N. Veeresh** under the guidance of **Prof. Sharanabasaveshwara H. B., Assistant Professor, Dept. of E&CE**, was awarded First Place in the exhibition. Another project titled **"AUTOMATIC TEMPERATURE REGULATOR FOR MEDICAL STORAGE UNITS"**, presented by **Srinidhi J. B., Veeresh N. K., Basavaraj M. S., and Venkatesha M.** under the

guidance of **Prof. Pushpalatha O., Assistant Professor, Dept. of E&CE**, also secured First Place.

SECOND PLACE

The project titled **“LOW LATENCY HIGH-SPEED WIRELESS DATA TRANSMISSION SYSTEM USING VISIBLE LIGHT TECHNOLOGY”**, presented by **Ganesh S., Krishna B., Nandeesh K. M., and Manoj K. R.** under the guidance of **Prof. Santosh Kumar G. S., Assistant Professor, Dept. of E&CE**, was awarded Second Place in the Project Exhibition.

Photo Session for 5th Semester Students



Student's Achievement : Placement

**Jain Institute of Technology, Davangere**
(Affiliated to VTU, Belagavi)

JIT Placement
Congratulations



Batch : 2025-26
Branch : E&CE


For Getting Selected in
CTC : 7 LPA

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

 9663868258

 www.jitd.ac.in

 placement@jitd.in

The Training and Placement Cell, JITD, organized a placement drive for Vidyapeeta Skill Intern Pvt. Ltd. From the E&CE Department, Ayush G. Y. and Nandan Prakash P. were placed at Vidyapeeta Skill Intern Pvt. Ltd. Hearty congratulations to the students from the College Management, Advisor, Principal, Head of the Department, Placement Coordinators, and all the faculty members.

Faculty Participation



Dr. Ravikumar K. I., Associate Professor, and **Mrs. Anusha K.**, Assistant Professor, Department of Electronics & Communication Engineering, attended a five-day **Faculty Development Program (FDP)** on **Advanced Cyber Security** from 15th to 19th December 2025 at Bapuji Institute of Technology, Davanagere. The FDP was organized by the **CySeck K-Tech Centre of Excellence for Cyber Security**. The program aimed to enhance faculty knowledge and skills in emerging cyber security technologies and practices. It covered key topics such as cyber threat analysis, network and cloud security, cryptography, ethical hacking, digital forensics, and recent trends in cyber laws and compliance. The FDP included expert lectures, hands-on sessions, and interactive discussions led by industry professionals and academic experts. Participation in this program has helped the faculty members strengthen their technical expertise and will contribute to improving teaching, research, and awareness of cyber security practices among students.

Student's Achievement : Placement



JGI Jain Institute of Technology, Davangere
(Affiliated to VTU, Belagavi)

JIT Placement Congratulations


SIRI GOWRI G B


UDAY V

Batch : 2025-26
Branch : E&CE


For Getting Selected in
Software Development Intern.

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

 9663868258  www.jitd.ac.in  placement@jitd.in

The Training and Placement Cell, JITD, organized a placement drive for **Tap Academy**. From the E&CE Department, **Siri Gowri.G.B.** and **Uday.V.** were placed at Tap Academy. Hearty congratulations to the students from the College Management, Advisor, Principal, Head of the Department, Placement Coordinators, and all the faculty members.

Alumni Meet 2025



Jain Institute of Technology organized the “**SAMANVAYA 2025-26**” Alumni Meet successfully with great enthusiasm, bringing together alumni from various batches under one roof. The event served as a vibrant platform to reconnect former students with their alma mater, rekindle cherished memories, and strengthen lifelong bonds.

During the meet, alumni shared their professional journeys, industry experiences, and valuable insights with current students and faculty members. Their interactions highlighted the importance of perseverance, innovation, and continuous learning in today’s competitive engineering landscape. Several alumni expressed their gratitude towards the institution for shaping their academic and professional careers. The Alumni Meet concluded on a joyful note with group photographs and a vote of thanks, leaving participants with fond memories and renewed connections. The institution looks forward to strengthening alumni relations and continuing this tradition of togetherness in the years to come.

The inaugural function began at 11.30 AM. **Chief Guest, Mr. Satish Kumar L, Board Member-Vision, Davangere graced the occasion.** Principal Dr. Ganesh D B, Advisor Dr. Manjappa Sarathi, Dean Academics Dr. K B Prakash and Dr. Nataraj, Secretary, JIT Alumni Association were witnessed the function.