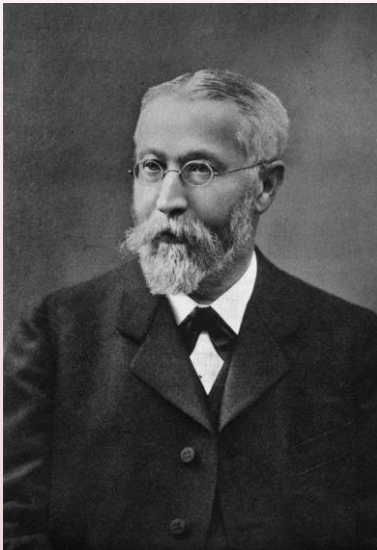


Newsletter

JUNE
2026

"Innovation
begins when
invisible forces
are made visible."



"Wireless
communication
transformed
distance into
opportunity."

Karl
Ferdinand
Braun



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, Davanqere*

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

We are pleased to share with you the June issue of the newsletter for the year 2026 with a Heartfelt wish of International Day of Yoga and World Environment 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 future belongs to those who turn scientific understanding into useful solutions"- Karl Ferdinand Braun.

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.*

Student's Achievement : Technical Paper Presentation at State-Level Technical Symposium



Srushti R and **Sakshi N. H.**, students of 4th Semester C Section, presented a technical paper titled **“Design of a Low-Cost RF-Based Device-Free Human Detection System for Disaster Rescue Applications Using Machine Learning”** and secured a Participation Certificate in the Technical Paper Presentation event at **IMPULSE 2026, a State-Level Technical Symposium** organized by the Department of Electrical and Electronics Engineering, Bapuji Institute of Engineering and Technology, Davanagere, on 8th May 2026.



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UGC
University Grants Commission



AICTE
All India Council for Technical Education



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CS&E, E&CE, EEE



NAAC
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IEEE
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Quality redefined...



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INSTITUTE AMPLIFIED FAULTS RECTIFIED
ENCORE
Jain Institute of Technology



8051

SKILL DEVELOPMENT PROGRAM ON
MICROCONTROLLER
8051
INTERFACING APPLICATIONS
USING PROTEUS TOOL



PROTEUS
DESIGN SUITE

Organized by
Department of Electronics & Communication Engineering



DATE
03/06/2026



TIME
09:00 AM - 05:00 PM



VENUE
E&CE Classrooms & Auditorium



TARGET AUDIENCE
4th Semester E&CE Students (Sections A, B & C)

RESOURCE PERSONS

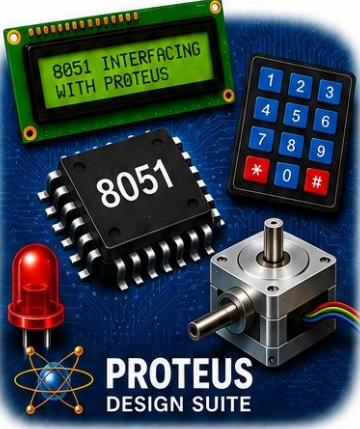
- 

1. Dr. Santosh Herur
Professor & Head,
Dept. of E&CE
- 

2. Mrs. Savitra C T
Assistant Professor,
Dept. of E&CE
- 

3. Mrs. Savita M
Assistant Professor,
Dept. of E&CE
- 

4. Mr. Dinesh Kumar
Assistant Professor,
Dept. of E&CE



PROTEUS
DESIGN SUITE

TOPICS COVERED

- ✓ Introduction to 8051 Microcontroller
- ✓ 8051 Architecture & Programming
- ✓ LED Interfacing
- ✓ LCD Interfacing
- ✓ Keypad Interfacing
- ✓ ADC/DAC Interfacing
- ✓ Stepper Motor Interfacing
- ✓ Serial Communication (UART)
- ✓ Circuit Simulation using Proteus
- ✓ Hands-on Practice & Mini Projects

CONVENER


Dr. Santosh Herur
Professor & Head,
Dept. of E&CE
Jain Institute of Technology,
Davanagere

DEAN ACADEMICS


Dr. Prakash K B
Dean Academics
Jain Institute of Technology,
Davanagere

ADVISOR


Dr. Manjappa Sarathi
Advisor
Jain Institute of Technology,
Davanagere

PRINCIPAL


Dr. Ganesh D B
Principal
Jain Institute of Technology,
Davanagere

Let's Interface Ideas with 8051 using Proteus!
EXPLORE • SIMULATE • INTERFACE • INNOVATE

Skill Development Program on “Microcontroller 8051 interfacing applications using Proteus Tool”

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IEEE INDIAN SOCIETY FOR TECHNICAL EDUCATION
IQAC JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE
Quality redifined.

SKILL DEVELOPMENT PROGRAM ON MICROCONTROLLER 8051 INTERFACING APPLICATIONS USING PROTEUS TOOL

Organized by
Department of Electronics & Communication Engineering

DATE 03/06/2026
TIME 09:00 AM - 05:00 PM
VENUE E&CE Classrooms & Auditorium
TARGET AUDIENCE 4th Semester E&CE Students (Sections A, B & C)

RESOURCE PERSONS

1. **Dr. Santosh Herur**
Professor & Head, Dept. of E&CE
2. **Mrs. Savitra C T**
Assistant Professor, Dept. of E&CE
3. **Mrs. Savita M**
Assistant Professor, Dept. of E&CE
4. **Mr. Dinesh Kumar**
Assistant Professor, Dept. of E&CE

TOPICS COVERED

- Introduction to 8051 Microcontroller
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- Stepper Motor Interfacing
- Serial Communication (UART)
- Circuit Simulation using Proteus
- Hands-on Practice & Mini Projects

CONVENER Dr. Santosh Herur
DEAN ACADEMICS Dr. Prakash K B
ADVISOR Dr. Manjappa Sarathi
PRINCIPAL Dr. Ganesh D B

Let's Interface Ideas with 8051 using Proteus!
EXPLORE • SIMULATE • INTERFACE • INNOVATE



The Department of Electronics and Communication Engineering successfully organized a **one-day Skill Development Program on “8051 Microcontroller Interfacing Applications Using Proteus Tool”** on 03rd June 2026. The program was conducted from 9:00 AM to 5:00 PM for the 4th Semester E&CE students of Sections A, B, and C. The session aimed to provide students with practical knowledge of the 8051 Microcontroller and its interfacing applications through the Proteus Design Suite. The resource persons, **Dr. Santosh Herur**, Convener, Professor & Head, Dept. of E&CE, **Mrs. Savitra C. T.**, **Mrs. Savita Mamadapur .**, and **Mr. Dinesh Kumar**, guided students on 8051 architecture, programming, LED and LCD interfacing, keypad interfacing, ADC/DAC applications, stepper motor control, UART communication, and circuit simulation. The program included hands-on practice and demonstrations, enabling students to strengthen their embedded systems skills. The event was highly interactive and received enthusiastic participation from students, enhancing their practical understanding of microcontroller-based applications.

Student's Achievement : Placement



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JIT PLACEMENT Cell

Congratulates

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

 Chinmayi D G	 Bhavana Gubber	 Sri gowri G B	 Bhoomika S V	 Anjali M A	 Madhumathi K N
 Shanthala C Karli	 Uday V	 Ayush G Y	 Abhishek A	 Mithun T S	 Abhisheka K H

For Being Selected in



TVS UPASANA LTD

CTC: 3 LPA

Batch 2025-2026

Best Wishes From Management, Advisor, Principal, Dean (T&P), HoD, Placement Coordinator, Teaching and Non-Teaching Staff Members and Students.

The Training and Placement Cell of JITD organized a placement drive for **TVS Upasana Ltd.** Students from the Department of Electronics and Communication Engineering were selected with an offer package of ₹3 LPA. Hearty congratulations to these students from the College Management, Advisor, Principal, HOD, Placement Coordinators, and all the faculty members.

Awareness Session on AICTE Activity Points, Internships, and Placements



The Department of Electronics and Communication Engineering conducted an interactive session for the 6th Semester students on 10th June 2026 in the EEE Seminar Hall. The session was led by the Head of the Department, Internship Coordinator, AICTE Coordinator, Dean – Training & Placement, and Placement Coordinator. During the meeting, students were guided on Internship Activities, AICTE Activity Points, Academic and NAIN Projects, and Placement Training. The resource persons provided valuable insights, clarified students' queries, and emphasized the importance of active participation in internships, project work, and placement preparation for career development. The session was highly informative and beneficial, enabling students to gain a clear understanding of the opportunities and requirements related to internships, projects, and placements, thereby supporting their academic and professional growth.

Mini Project Expo-2026



A “**Mini Project Exhibition**” was organized on 16th June 2026 as part of the “**Introduction to Electrical Engineering**” course for the first-year Artificial Intelligence & Machine Learning and Information Science & Engineering students at Jain Institute of Technology, Davangere. The exhibition was coordinated by Mrs. Vinutha L. B., Department of Electronics and Communication Engineering, with the objective of providing students a platform to demonstrate their technical knowledge, creativity, and practical skills through innovative mini projects developed as part of their academic curriculum. The exhibition was inaugurated in the esteemed presence of **Dr. Ganesh D. B.**, Principal, Jain Institute of Technology, Davangere, **Dr. Prakash K. B.**, Dean Academics, and **Dr. Santosh Herur**, Professor and Head, Department of Electronics and Communication Engineering. The dignitaries visited the project stalls, interacted with the students, observed live demonstrations, and appreciated the participants for their innovative ideas, technical competence, teamwork, and confidence in presenting their projects. Students effectively explained the objectives, design methodology, implementation, and real-world applications of their models, reflecting their understanding of fundamental engineering concepts and problem-solving abilities. The exhibition successfully promoted experiential learning by encouraging students to apply theoretical concepts to practical solutions. It enhanced their technical knowledge, innovation,

creativity, presentation and communication skills, teamwork, and confidence in project development and demonstration. The event concluded with encouraging remarks from the Principal, Dean Academics, and Head of the Department, who commended the efforts of both the students and the organizing faculty. The exhibition received an enthusiastic response from the participants and served as an inspiring platform to foster innovation and strengthen students' interest in project-based learning.

Student's Achievement : Placement

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JIT PLACEMENT Cell
Congratulates

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Batch 2022-2026

For Securing Placement at

TVS UPASANA LTD

CTC: 3 LPA

Best Wishes From Management, Advisor, Principal, Dean (T&P), HoD, Placement Coordinator, Teaching and Non-Teaching Staff Members and Students.

Student Names:

- Chaitra C H
- Keerthi H C
- Sirigowri K N
- Bhumika M V
- Vaishnavi K B
- Soumya K M
- Rehan A B
- Syed Salauddin

The Training and Placement Cell of JITD organized a placement drive for **TVS Upasana Ltd.** Students from the Department of Electronics and Communication Engineering were selected with an offer package of ₹3 LPA. Hearty congratulations to these students from the College Management, Advisor, Principal, HOD, Placement Coordinators, and all the faculty members.

Student's Achievement : Placement

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Congratulates
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Batch 2022-2026



For Securing Placement at
EXIDE ENERGY
CTC: 4.5 LPA

Manoja K J

Best Wishes From Management, Advisor, Principal, Dean (T&P), HoD, Placement Coordinator, Teaching and Non-Teaching Staff Members and Students.

www.jitd.ac.in facebook.com/jiteceencore/ instagram.com/jiteceencore

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Congratulates
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Batch ::2022-2026



For Securing Placement at
MERAQU
Hire & Manage Tech I Services
CTC: 3 LPA

Fathima Misbha **Afreen M D**

Best Wishes From Management, Advisor, Principal, Dean (T&P), HoD, Placement Coordinator, Teaching and Non-Teaching Staff Members and Students.

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The Training and Placement Cell of JITD organized a placement drive for **Exide Energy** and **MERAQU**. From the Department of Electronics and Communication Engineering, **Manoja K J** was selected by **Exide Energy** with a package of ₹4.5 LPA, while **Fathima Misba** and **Afreen M D** were selected by **MERAQU** with a package of ₹3 LPA. Hearty congratulations to the students from the College Management, Advisor, Principal, HoD, Placement Coordinators, and all the faculty members.