

Newsletter

JUNE
2025

"The web does not just connect machines, it connects people."



"Information is powerful. But like all power, there are those who want to keep it for themselves."

Tim Berners-Lee



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,
IIT, Davanagere*

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

We are pleased to share with you the June issue of the newsletter for the year 2025 with a Heartfelt wish of Bakrid festival. 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 Web is more a social creation than a technical one. I designed it for a social effect — to help people work together — and not as a technical toy- Tim Berners-Lee.*

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.*

48th series of Student Project Programme: Selected for Project Exhibition



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

48th series of Student Project Programme (SPP): 2024-25

List of Projects Selected for State Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering, Shivamogga on 1st and 2nd August 2025

59. JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SELECTED FOR
188.	48S_BE_2257	SHESAFE+: MULTI-FEATURE PROTECTION FOR WOMEN AND DIFFERENTLY ABLED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHAFIULLA SHARIFF Prof. SAMEER B	Ms. SPANDANA A Mr. ANJAN RAJU HOVALE Ms. BHOMIKA P R Mr. PRAJWAL B R	Exhibition
189.	48S_BE_3847	LPG GAS LEAKAGE DETECTION AND AUTOMATIC SHUTDOWN SYSTEM WITH REAL TIME NOTIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ANUSHA T S	Ms. SINDHUSHREE M J Ms. HARSHITHA V M Mr. AMARANAİK L Mr. DARSHAN S	Exhibition

In the 48th series of Student Project Programme (SPP) 2024-25 organized by the Karnataka State Council for Science and Technology (KSCST), a team from the department of E&CE has been selected for State level project exhibition. The selected project, titled **"LPG Gas Leakage Detection and Automatic Shutdown System with Real-Time Notification,"** was guided by Mrs. Anusha T S, Assistant Professor, department of E&CE. The project team comprises Ms. Sindhushree M J, Ms. Harshitha V M, Mr. Amaranaik L, and Mr. Darshan S. Hearty Congratulations to both the Project Guide and Students from College Management, Advisor, Principal, HOD and all the faculty members.

Student's Achievement : Placement-Keynes Technology



Bhumika S



Disha S Asundi



Darshan S

The Training and Placement Cell, JITD organized a placement drive for Keynes Technology on 29th May 2025, at JIT Auditorium for E&CE and EEE departments. From the E&CE department, three students were placed at Keynes technology. Hearty Congratulations to these students from College Management, Advisor, Principal, HOD, Placement Coordinators and all the faculty members.

Student's Achievement : Placement-SanDisk Technology



Sindhushree M J

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

JIT Placement
Congratulations

Branch : E&CE
Batch : 2024-25

Sindhushree M J

For Getting Selected in **SanDisk**
CTC : 3.5 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 SanDisk Technology. From the E&CE department, Sindhushree M. J. was placed at SanDisk Technology. Hearty congratulations to this student from the College Management, Advisor, Principal, HOD, Placement Coordinators, and all the faculty members.

Faculty Achievement : Patent Publication



(12) PATENT APPLICATION PUBLICATION		(21) Application No.202541049444 A	
(19) INDIA			
(22) Date of filing of Application :22/05/2025		(43) Publication Date : 06/06/2025	
(54) Title of the invention : AI-Enhanced User Behaviour Analysis and Targeting System for Social Media Advertising Using Deep Learning Models			
		(71)Name of Applicant : 1)Dr. Ravikumar K.I Address of Applicant :Associate Professor Department of Electronics and Communication Engineering Jain Institute of Technology No-323, Near Veereshwar Purnacharam, BADA Cross, Avangere Village, Davanagere – 577003 Karnataka India ----- 2)Mrs. Mayuri Rohidas Loundhe 3)Chiranjeevi Koudabothini 4)Vijayalakshmi C. Kalal 5)Mrs R. Rajalakshmi 6)Mrs P.C. Saranya 7)Mr Ankit Shrivastava 8)K.Rajkumar 9)Mr.K.Karthikeyan 10)Sandeep Singh Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. Ravikumar K.I Address of Applicant :Associate Professor Department of Electronics and Communication Engineering Jain Institute of Technology No-323, Near Veereshwar Purnacharam, BADA Cross, Avangere Village, Davanagere – 577003 Karnataka India ----- 2)Mrs. Mayuri Rohidas Loundhe Address of Applicant :Assistant Professor Department of BBA-IB Sanjivni Arts, Commerce and Science College, Kopergaon Ahilyanagar Maharashtra India ----- 3)Chiranjeevi Koudabothini Address of Applicant :Assistant Professor, Department of Information Technology Vidya Jyothi Institute of Technology Azee Nagar, Hyderabad- 500075 Telangana India ----- 4)Vijayalakshmi C. Kalal Address of Applicant :Assistant Professor Department of Electronics and Communication Engineering KLS Vishwanathrao Deshpande Institute of Technology Udyog Vidya Nagar, Dandeli Road, Haliyal - 581329 Uttar Kannada Karnataka India ----- 5)Mrs R. Rajalakshmi Address of Applicant :Assistant Professor Department of MBA Vels Institute of Science Tech and Advanced Studies Velan Nagar P.V. Vairiyalingam Road Pallavaram Chennai - 600 117 Tamil Nadu India ----- 6)Mrs P.C. Saranya Address of Applicant :Assistant Professor Department of MBA Vels Institute of Science Technology and Advanced Studies Velan Nagar P.V. Vairiyalingam Road Pallavaram Chennai - 600 117 Tamil Nadu India -----	
(51) International classification	G06Q030025100, G06Q030020100, G06Q030020000, G06Q030024100, G06Q0300000000		
(86) International Application No	NA		
Filing Date	NA		
(87) International Publication No	NA		
(61) Patent of Addition to Application Number	NA		
Filing Date	NA		
(62) Divisional to Application Number	NA		
Filing Date	NA		

Dr. Ravikumar K.I, Associate Professor, Dept. of E&CE has successfully published a Patent titled “**AI-Enhanced User Behaviour Analysis and Targeting System for Social Media Advertising Using Deep Learning Models**”. Hearty congratulations to Dr. Ravikumar K.I on this accomplishment from College Management, Principal, HOD and all the staff members of E&CE Department.

Student's Achievement : Placement

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

JIT Placement
Congratulations



Branch : E&CE
Batch : 2024-25

Anusha C D

For Getting Selected in **SYRMA SGS**
CTC : 3.5 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

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

JIT Placement
Congratulations



Branch : E&CE
Batch : 2024-25

Arfath Pasha A

For Getting Selected in **UDYOGI**
CTC : 3.5 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 Syрма SGS and Udyogi companies. From the E&CE Department, Anusha C. D. was placed at Syрма SGS Technology, and Arfath Pasha A. was placed at Udyogi. Hearty congratulations to these students from the College Management, Advisor, Principal, HOD, Placement Coordinators, and all the faculty members.