

Newsletter

DECEMBER
2023

"I don't believe in taking right decisions, I take decisions then I make them right."



"If u want to walk fast, walk alone. But if u want to walk far, walk together."

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

*We are pleased to share with you the December issue of the newsletter for the year 2023 with a Heartfelt Christmas wishes to all the readers of **Electro infinity**. 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 mind set can." – Ratan Tata, Indian industrialist, philanthropist

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.*

Webinar on “Interview Skills Mastery with AI Tools”

07/12/2023



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



Department of Electronics and Communication Engineering

ORGANIZING

Webinar on
**Interview Skills
Mastery with AI Tools**

Resource Person
Mr. Vinod Kumar
Solution Architect Specialist



Date : 07/12/2023 Time : 11.15 am to 1.00 p.m Venue : JITD Auditorium

Forum Coordinator Mr. Sharanabasaveshwara H B	Professor & Head Dr. Santosh Herur	Principal Dr. Ganesh D B
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Department of Electronics and Communication Engineering in association with forum Encore organized a webinar on Interview skills Mastery with AI Tools. Dr. Ravi Rayappa, Associate Professor, Dept. of E&CE, gave brief talk on importance of AI in interview skills. The resource person Mr. Vinod Kumar explained about resume making, email spam removing, PDF reading in short and also informed about getting ready for interview. Mr. Sharanabasaveshwara H B coordinated the event. A total of 145 participants attended the webinar including the students of III & V semester and faculty.

Webinar on Women's Health Session with Gynecologist

09/12/2023



The teaching ,non-teaching female staff and female students of Jain Institute of Technology, Davanagere participated in Jain University's "**Women's Health Session with Gynecologist**" webinar on **7/12/2023**. The session, covering women's well-being, included insights into reproductive health, common concerns, lifestyle recommendations, and specific topics such as menstruation and menopause. Attendees received practical tips and preventive measures, fostering a community focus on personal well-being.

Session on “Industrial Market Demands for ECE Engineers”

09/12/2023



The poster features logos for NBA, JSTE, JGI, AAC, and Institutions' Innovation Councils at the top. It identifies the event as organized by Jain Institute of Technology, Davangere, in association with the Samanvaya Alumni Association JITD, Department of Electronics and Communication Engineering. The resource person is Mr. Faraz Abdulla I, Senior Lead Engineer at Hinduja Tech (Ashok Layland). The session is on 09/12/2023 at 10.00 AM on Saturday. Coordinators are Dr. Ravi Rayappa and Dr. Nataraj G. Other staff listed include Dr. Santhosh Herur (Prof. & Head), Dr. Manjappa Sarathi (Advisor), and Dr. Ganesh D.B. (Principal & Director). A photo of Mr. Faraz Abdulla I is included, along with a graphic of silhouettes labeled 'Our Proud Alumni'.




Department of Electronics and Communication Engineering in association with Samanvaya Alumni Association, JITD organized a session on “**Industrial Market Demands for ECE Engineers**”. **Mr. Faraz Abdulla I**, Senior Lead Engineer at Hinduja Tech, Bangalore and Alumni of JITD was invited as Resource Person for the session. He gave brief insights about demanding courses in E&CE that are having great industry exposure. He explained about the soft skills required for a fresher and how to improve them and what are the Industry demands at current scenario in detail. **Dr. Santosh Herur**, Professor & Head, Dept. of E&CE highlighted on various domains related to ECE in Industry, Corporate working atmosphere, how to focus and put efforts in gaining technical knowledge required to build career. All 3rd and 5th semester students of E&CE Dept. attend the session. **Dr. Ravirayappa**, Associate Professor, Dept. of E&CE coordinated the event.

Intel India Stem Skills Program For Women : Day-1

15/12/2023

Arka Educational & Cultural Trust (Regd.)
JGI Jain Institute of Technology, Davangere
(A Unit of Jain Group of Institutions, Bangalore)
Department of Electronics and Communication Engineering
In Association with
Training & Placement Cell, JITD jointly organizes

intel.  **JGI** **IQAC** **LEARNING LINKS FOUNDATION**

INTEL INDIA STEM SKILLS PROGRAM FOR WOMEN

14 December 2023 at 10.00 A.M
2nd, 3rd & 4th Year 10.00 A.M to 1.00 P.M
1st Year (CSE, ISE, ECE, EEE) 2.00 P.M to 5.00 P.M
Venue: JITD Auditorium

Resource Person
Mr. Sachin Patil & Team
Learning Links Foundation

Mr. Sharana H B Co-ordinator
Dr. Santosh Herur Prof. & Head, ECE
Dr. Prakash M Walavalkar Convener

Dr. Manjappa S Advisor, JGI Group
Dr. Ganesh D B Principal & Director



Department of Electronics and Communication Engineering in association with Training and Placement Cell, JITD has organized **INTEL INDIA STEM SKILLS PROGRAM FOR WOMEN** for all the girl students of circuit branches (CSE, ISE, ECE, and EEE) on 14th December 2023. **Mr. Sachin Patil** and his team from Learning Link Foundation were invited as resource person for the event. He thought students about the basics of VLSI and informed the students the importance of VLSI and companies related to this stream and also explained the students about the soft skills and steps, methods to set goals. He also instructed students about time management. He helped students to register to the LMS from INTEL. **Dr. Ganesh D B**, Principal & Director, JITD informed students to use this kind of platforms and have active participation in hackathons. **Dr. Manjappa S**, Advisor, JGI Group informed students regarding the importance of STEM and Women Empowerment. **Dr. Santosh Herur**, Professor & Head, Dept. of E&CE, **Dr. Prakash M Walavalkar**, Dean Training & Placement, JITD, Mr. Sharanabasaveshwara H B, Assistant Professor, E&CE and Placement coordinators of various department were present. A total of 465 students participated in the event.

Intel India Stem Skills Program For Women : Day-2

15/12/2023



Mr. Sachin Patil and team delivered a lecture on **VLSI chip fabrication Process** on the 2nd day of the event (15-12-2023). He also helped in installing Intel Quartz tool in Lab and also for students. There was a hands-on session for students in the lab and 19 women students participated in the session. He also motivated the students to participate in the upcoming Hackathons of Intel.

Forum ENCORE Inauguration and Fresher's Day.

22/12/2023





The Inauguration of Department of E&CE **Forum ENCORE** and Fresher's Day '**Fresh Beats-2K23**' was organized on 22nd December 2023 at JITD Auditorium. Chief Guest Mr. Dinesh Kumar, Alumni of E&CE, Entrepreneur, KPE Enterprise, Davangere, JITD Advisor, Dr. Manjappa Sarathi, Principal & Director, Dr. Ganesh D B, Head of Department, Dr. Santosh Herur, Forum Coordinator, Prof. Sharanabasaveshwara H B and Student Forum representatives inaugurated the event by lightening the Lamp.

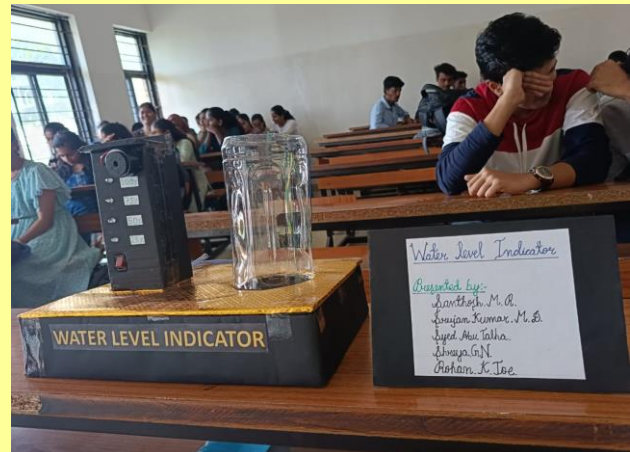
Forum Coordinator, **Prof. Sharanabasaveshwara H B** gave brief insights about the events conducted under Forum ENCORE and upcoming events planned to conduct for the benefit of students. **Dr. Santosh Herur**, Professor and Head, Dept. of E&CE addressed the gathering about career opportunities in ECE and motivated students to actively participate in all the Forum activities and Placement trainings to enhance Personal and Professional skills. He Highlighted on the mini-project implemented at department by final year students. He also urged students to come out of their comfort zone and work hard to achieve best things in life.

Alumni and Chief guest of the event, **Mr. Dinesh Kumar** interacted with students and explained about the prerequisites to become an Entrepreneur, market strategies and skills required to start a business with examples. **Dr. Manjappa S**, Advisor, JITD, addressed the students on benefits of accreditation in academics and encouraged students to focus on career, updating technical and personal skills as per industry demands. Academic toppers for the Academic Year 2022-23 were felicitated and the Students who have completed NPTEL course and students awarded with Silver Elite in such courses were honoured with cash prize by the dignitaries.

Dr. Ganesh D B, Principal and Director, JITD in his presidential remarks motivated students to make best use of Forum platform by actively participating in the events and to develop technical and professional skills through additional courses like NPTEL, SWAYAM etc. He also congratulated the academic toppers and students awarded with silver Elite in NPTEL courses. All the students, Teaching and non-teaching staff members of E&CE and heads of various department were present over the function.

Mini Project for I semester CSE Students

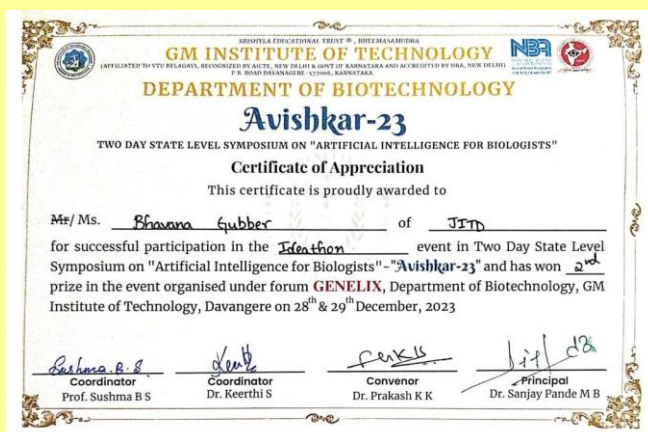
29/12/2023.



All the students of First semester CS&E C-section participated in the mini-project exhibition as a class assignment activity by Prof. Sharanabasaveshwara HB. Dr. Ganesh D B, Principal & Director, JITD, Dr. Santosh Herur, Professor & Head, Dept. of E&CE and Dr. Mouneshachari, HOD, Dept. of CS&E were present as spectators of the mini-project exhibition.

Student's Achievement

30/12/2023



Bhavana Gubber and Chinmayi D G of 3rd semester E&CE department has won 2nd Prize in IDEATHON event of AVISHKAR-23 , A Two Days State Level Symposium on "Artificial Intelligence for Biologists" organized by GMIT, Davangere conducted on 28th and 29th December 2023. Hearty congratulations to both the students.