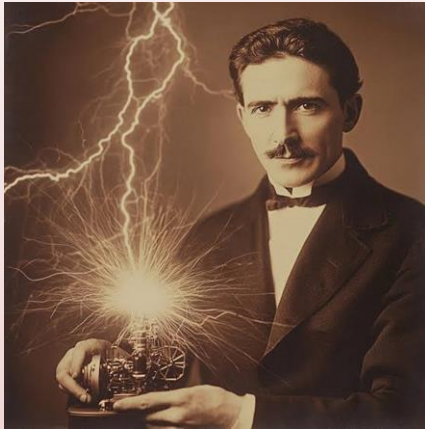


Newsletter

JULY
2024

"If am anything,
which highly
doubt I have
made myself so
by hard work."



Tesla patented a device to induce electrical current in a piece of iron (a rotor) spinning between two electrified coils of wire.

Mr. Nicola Tesla



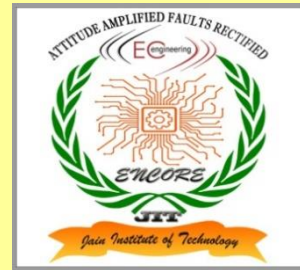
ARKA Educational & Cultural Trust (Regd.)

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

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



Mr SUNIL M

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

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

We are pleased to share with you the July issue of the newsletter for the year 2024 with a Heartfelt wishes of Muharram and Guru Poornima. 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 "If your hate could be turned into electricity, it would light up the whole world"- Nicola Tesla

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 : Placement -03/07/2024

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

JIT Placement
Congratulations

Batch : 2023-24
Branch : E&CE

For Getting Selected in

**KAYNES**
TECHNOLOGY

CTC : 2.4 LPA

**Sagar M G**

**Varun K**

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

Image Shows the Students Placed to Kaynes Technologies

Mr. Sagar M G and Mr. Varun K , 8th semester students from the Department Electronics and Communication Engineering has been placed in **Kaynes Technology** with package of 2.4LPA. Hearty Congratulations and Best wishes from College Management, Principal, Advisor, Dean (T&P), Head of the Department, Placement Coordinators, Staff members and students.

PMKVY 4.0 Examination –12/07/2024



Image of PMKVY 4.0 Examination.

Department of Skill Development Cell organized **PMKVY 4.0 Examination** in association with the Department of Electronics and Communication Engineering. A total of 30 Students from 4th semester, E&CE department attended the examination on 11th July 2024 and successfully completed the Assessment.

NAAC Audit – 13/07/2024



Images of NACC Audit

NAAC Audit was Conducted in the Department of E&CE. **Prof. Senthil V.** from Jain University Head office was invited as a Expert for auditing. He verified all the expected files pertaining to NAAC at department level and provided his valuable feedback and suggestions/observations to improve the quality of documents and presenting skills. He also visited labs and verified the necessary documents to be maintained in labs. During the Audit Process, Dr. Santosh Herur, Professor & Head, Dept. of ECE, IQAC-Director, Dr. Suhas D, Associate Professor and Head, Dept.of MBA, Dr. Ravikumar K I, Accreditation Coordinator, Dr. Rajendra Soloni, NAAC Coordinator and all the Teaching and Non-teaching staff members of the Department were present.

Workshop on “Innovate with Arduino – Programming to Project” -19/07/2024



Images of Workshop “Innovate with Arduino – Programming to Project”

JGI ARKA EDUCATIONAL AND CULTURAL TRUST REGD. **JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE**
(A UNIT OF JAIN GROUP OF INSTITUTIONS, BENGALURU)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IN ASSOCIATION WITH
ABEYAANTRIX

ORGANIZES SIX DAYS WORKSHOP ON

INNOVATE WITH ARDUINO - PROGRAMMING TO PROJECT

TARGETED AUDIENCE : 4TH SEM ECE STUDENTS

RESOURCE PERSONS


Mr. Shivaraj V S
Manager
ABEYAANTRIX


Mr. Mantesh B Shirur
Senior Embedded Software Engineer
ABEYAANTRIX

 **19-24, JULY 2024**
09:00AM - 04:00PM

 **Class Room : FF125**
Department of Electronics and Communication
Jain Institute of Technology, Davangere

Coordinators
Mrs. Savita Mamadapur
Mr. Sunil M

Dr. Santosh Herur
Prof. & Head
Convener

Dr. Manjappa Sarathi
Advisor, JITD

Dr. Ganesh D.B
Principal and Director

 www.jitd.ac.in

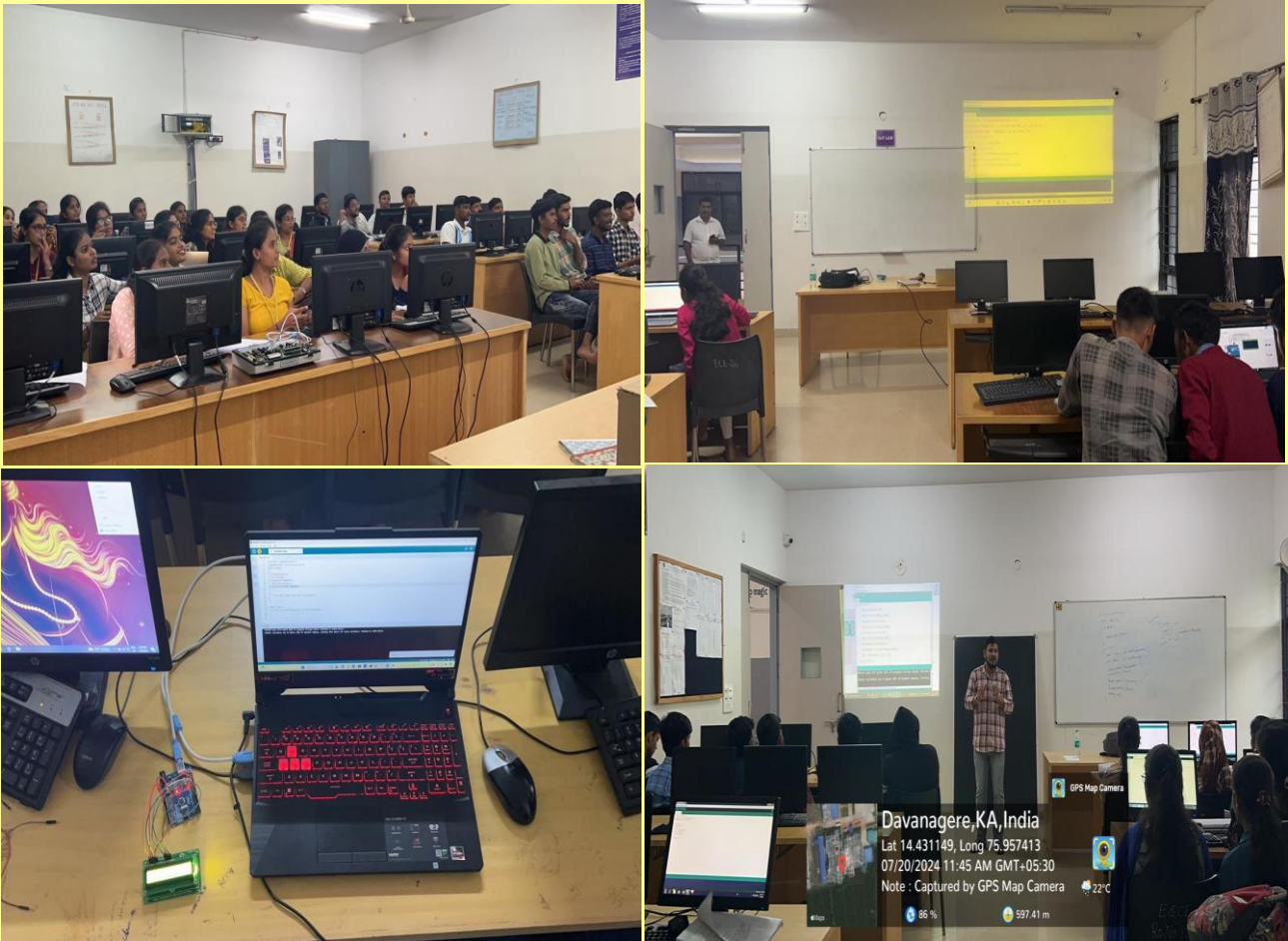
Poster of the Event.

Prof. Savita Mamadapur, Prof. Sunil M, Program Coordinators, Dept. of ECE were also present during the program. A total of 69 students from 4th semester of ECE attended the SDP. All the teaching and non-teaching staff members of the department were present during the Skill Development Program.

Six days Workshop under Skill Development Program on “Innovate with Arduino – Programming to Project” is organized by the Department of Electronics and Communication Engineering, JITD in association with Abeyaantrix, Davangere on 19th & 20th of July, 2024 at Room No FF125. Mr. Shivraj M S and Mr. Mantesh B Shirur were invited as the Resource persons for the Program. Dr. Ganesh D B, Principal & Director, JITD and Dr. Manjappa Sarathi, Advisor, JITD extended their best wishes in their absence. Dr. Santosh Herur, Professor and Head, Department of E&CE addressed the gathering and encouraged the students to upskill their Programming knowledge using Arduino.

Prof. Savita Mamadapur, Prof. Sunil M, Program

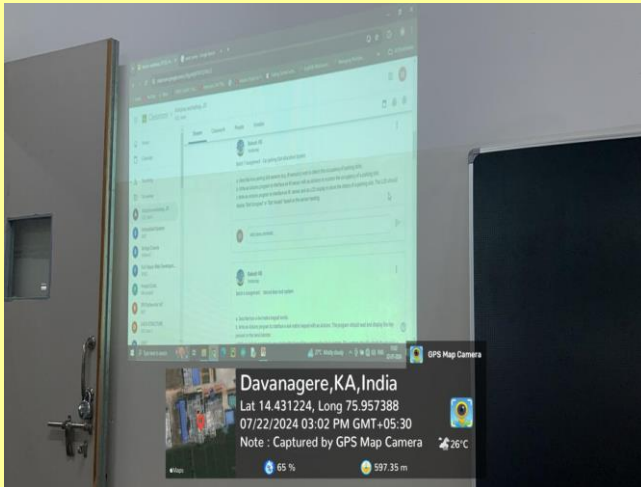
Workshop on “Innovate with Arduino – Programming to Project”



Day 2: Images of Workshop “Innovate with Arduino – Programming to Project”.

On Day 2 of Two days’ Workshop under Skill Development Program on “**Innovate with Arduino – Programming to Project**” conducted by the Department of Electronics and Communication Engineering, JITD in association with Abeyaantrix, Davangere, A Hands on session on Arduino was conducted by **Mr. Mantesh B Shirur**, Senior Embedded Software Engineer and **Mr. Rakesh K B**, Software and Embedded Developer. Students performed various projects on Arduino and got practical knowledge about Arduino and various sensors. **Prof. Savita Mamadapur** & **Prof. Sunil M**, Program Coordinators, Dept. of ECE were also present during the session. A total of 65 students from 4th semester of ECE attended the SDP.

Workshop on “Innovate with Arduino – Programming to Project ”



Day 3 & 4: Images of Workshop “Innovate with Arduino – Programming to Project”.

On Day 3 & Day 4 of a Workshop on “**Innovate with Arduino – Programming to Project**” organized by the Department of Electronics and Communication Engineering, JITD in association with **Abeyaantrix, Davangere** - A Hands on session on Arduino was conducted by **Mr. Mantesh B Shirur**, Senior Embedded Software Engineer and **Mr. Rakesh K B**, Software and Embedded Developer. Students were assigned with mini project titles and were asked to implement the working model using Arduino. **Prof. Savita Mamadapur**, **Prof. Sunil M**, Program Coordinators, Dept. of ECE were also present during the session. A total of 65 students from 4th semester of ECE attended the SDP and demonstrated their models using Arduino.

Valedictory : Workshop on “Innovate with Arduino – Programming to Project ” – 24/07/2024



The poster is a vertical rectangular graphic with a blue header and footer. The header contains logos for NBA, Institution's Innovation Council, IQAC, and others. Below the header, the text reads: 'JGI ARKA EDUCATIONAL AND CULTURAL TRUST REGD. JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE (A UNIT OF JAIN GROUP OF INSTITUTIONS, BENGALURU.)'. The next line is 'DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING'. Below that, 'IN ASSOCIATION WITH ABEYAANTRIX'. The main title is 'VALEDICTORY OF SIX DAYS WORKSHOP ON INNOVATE WITH ARDUINO - PROGRAMMING TO PROJECT'. Below the title, it says 'TARGETED AUDIENCE : 4TH SEM ECE STUDENTS' and 'RESOURCE PERSONS'. There are two portraits of resource persons: Mr. Shivaraj V S, Manager, ABEYAANTRIX, and Mr. Mantesh B Shirur, Senior Embedded Software Engineer, ABEYAANTRIX. The date and time are '24-JULY-2024 3.30 PM' and the location is 'JIT - AUDITORIUM'. Below this, the coordinators are listed: Mrs. Savita Mamadapur and Mr. Sunil M. At the bottom, the convener is Dr. Santosh Herur, Prof. & Head, and the principal and director is Dr. Ganesh D.B. The website 'www.jitd.ac.in' is at the very bottom.

JGI ARKA EDUCATIONAL AND CULTURAL TRUST REGD.
JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE
(A UNIT OF JAIN GROUP OF INSTITUTIONS, BENGALURU.)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IN ASSOCIATION WITH
ABEYAANTRIX

VALEDICTORY OF SIX DAYS WORKSHOP ON
INNOVATE WITH ARDUINO - PROGRAMMING TO PROJECT

TARGETED AUDIENCE : 4TH SEM ECE STUDENTS
RESOURCE PERSONS

Mr. Shivaraj V S
Manager
ABEYAANTRIX

Mr. Mantesh B Shirur
Senior Embedded Software Engineer
ABEYAANTRIX

24-JULY-2024
3.30 PM

JIT - AUDITORIUM

Coordinators
Mrs. Savita Mamadapur
Mr. Sunil M

Dr. Santosh Herur
Prof. & Head
Convener

Dr. Manjappa Sarathi
Advisor, JITD

Dr. Ganesh D.B
Principal and Director

www.jitd.ac.in



Valedictory poster and Group Photo of the workshop.



Images of Valedictory: Workshop on “Innovate with Arduino – Programming to Project.

A Valedictory of Six days’ Workshop under Skill Development Program on “**Innovate with Arduino – Programming to Project** ” was organized by the Department of Electronics and Communication Engineering, JITD in association with **Abeyaantrix, Davangere** on 24th of July, 2024 at JITD Auditorium. **Mr. Shivraj M S** and **Mr. Mantesh B Shirur**, Resource persons were invited as chief guests for the programme. **Dr. Santosh Herur**, Professor and Head, Dept. of E&CE addressed the gathering and gave an overview on the outcomes of Workshop and highlighted on the importance of hands-on session in academics for upgrading their practical knowledge using Arduino and also congratulated the students for successful completion of workshop.

Dr. Ganesh D B, Principal & Director, JITD, appreciated student’s effort and encouraged them to actively participate in all academic activities in his presidential marks. Students demonstrated their Arduino projects completed during the workshop and Participation certificates were distributed to all the students. **Prof. Savita Mamadapur**, **Prof. Sunil M**, Program Coordinators, Dept. of ECE were also present during the program. A total of 66 students from 4th semester of ECE attended the SDP. All the Teaching and non-teaching staff members of the department were present during the Valedictory.

IIC : Workshop on “Prototype/Process Design & Development” –26/07/2024

JGI ARKA EDUCATIONAL & CULTURAL TRUST(R.)
JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE
(A unit of Jain Group of Institutions UGI)

JITD INSTITUTION'S INNOVATION COUNCIL
in Association with
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ORGANIZES
A Workshop On **PROTOTYPE/PROCESS DESIGN & DEVELOPMENT**

26-07-2024
10.00 am
JITD Auditorium
Mrs. Anusha T S
IIC Coordinator

Dr. Santosh Herur
Prof. & Head
Made with PosterMyWall.com

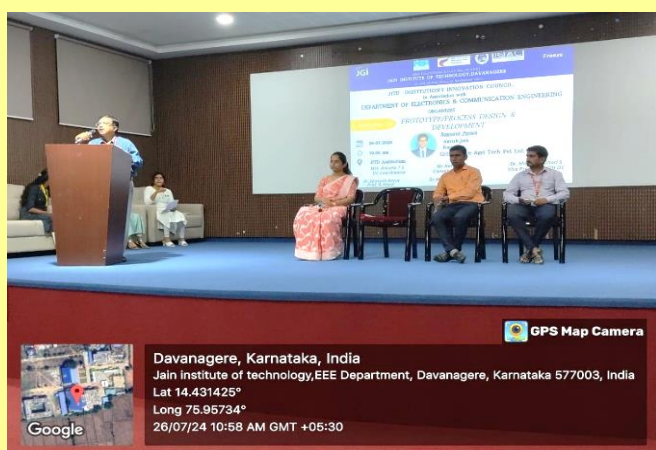
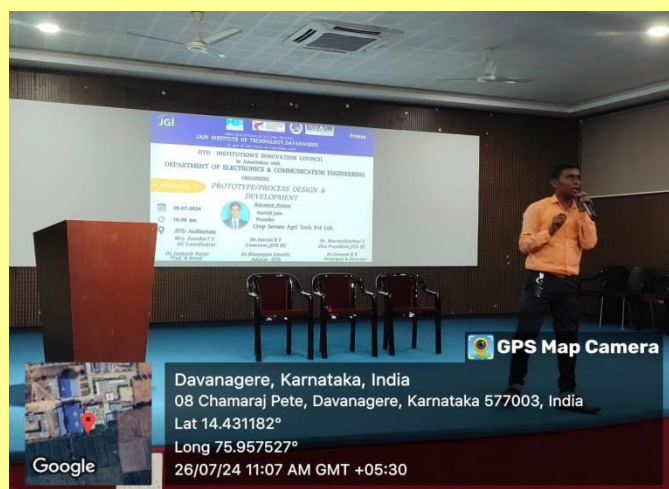
Resource Person
Harish Jain
Founder
Crop Secure Agri Tech Pvt Ltd.

Mr. Harish K S
Convener, JITD IIC

Dr. Mouneshachari S
Vice President, JITD IIC

Dr. Manjappa Sarathi
Advisor, JITD

Dr. Ganesh D B
Principal & Director



Images of IIC Workshop.

JITD Institution's Innovation Council (IIC) in association with the Department of Electronics and Communication Engineering organized a Workshop on “**Prototype/Process Design & Development**” on 26th of July, 2024 at JITD Auditorium. **Mr. Harish Jain**, Founder, Crop Secure Agri Tech, Pvt Ltd and a Proud Alumni of E&CE dept, JITD was invited as the Resource person for the Program. **Dr. Ganesh D B**, Principal & Director, and **Dr. Manjappa Sarathi**, Advisor, JITD conveyed their best wishes in their absence. **Dr. Ravi Rayappa**, Associate Professor, Department of E&CE addressed the gathering and encouraged the students to upskill their knowledge in the Prototype Design and Development. **Prof. Harish K S**, Convener, and **Prof. Anusha T S**, IIC Coordinator, Dept. of E&CE were also present during the program. A total of 100 students from 4th semester & 6th Semester of various department attended the Workshop. All the teaching and non-teaching staff members of the Institute were also present during the Workshop.

Student's Placement- 29/07/2024



Jain Institute of Technology, Davangere

(Affiliated to VTU, Belagavi)

JIT Placement *Congratulations*

Batch : 2023-24

Branch : E&CE



Srushti S H



Bharath B P

For Getting Selected in



**Graduate Trainee
Engineer**

**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

Congratulation Poster.

Ms Srushti S H and Mr Bharath B P, 8th semester students from Electronics and Communication Engineering got placed in **BEST** (Bajaj Engineering Skills Training) as a Graduate Trainee Engineer. Hearty congratulations and best wishes to both the placed students from College management, Principal, Advisor, Dean Training and Placement, HOD, Placement Coordinators, Teaching and Non-teaching staff members.

Faculty Achievement – 31/07/2024



Certificate of Faculty Achievement

Prof. Savita Mamadapur, Assistant Professor, Department of E&CE, has successfully completed six months **IUCEE International Engineering Educator Certification Program (IIECP) with Distinction**. The IIECP is an esteemed program focused on enhancing the quality of engineering education through innovative teaching practices, course design, active learning strategies, and the integration of technology. This program was sponsored by VTU and JITD and Prof. Savita Mamadapur was nominated from the college to attend this program. This program's rigorous curriculum includes workshops, mentoring, and collaborative projects aimed at fostering dynamic learning environments. Prof. Savita Mamadapur's dedication and hard work have led to this outstanding achievement, demonstrating a commitment to excellence in education. Hearty Congratulations to her from College Management, Principal, Advisor, HOD, Teaching and Non Teaching Staff members.