



JYOTHY
INSTITUTE OF TECHNOLOGY

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VIDYUNMANA

A BIANNUAL NEWS LETTER



PRESENTED BY:

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

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From the Desk of Principal

I am happy that the Department of ECE, Jyothy Institute of Technology (JIT), is bringing out a Newsletter biannually. This Newsletter will help to show case the activities that are happening in the department. It also helps in building up teamwork which is very much needed today in the world of competition. It provides a platform for exposing the merits and academic achievements of the faculty as well as students. This enhances the documentation culture of the institute. This would create an impact in the minds of readers, by way of providing larger visibility and dimension to the department. All credits and thanks go to the dedicated staff and their teamwork.



Dr. Gopalakrishna K
Principal, JIT

HOD's Message



I am happy that the department is coming out with next new edition of Newsletter - Vidyunmana, which gives comprehensive information of non-technical events and activities that has happened in a semester along with showcasing talents in many ways. I strongly believe this Newsletter paves way to record and promote the activities in the related fields of our department. I appreciate the efforts of our students and faculty members who have taken keen interest in shaping this Newsletter. I congratulate and wish them all the best.

I wish all the students and faculties of the department all success.

Dr. K Chandrasekhar
Professor and Head

Vision of the Institute

To be an Institution of Excellence in Engineering education, Innovation and Research and work towards evolving great leaders for the country's future and meeting global needs.

Mission of the Institute

The Institution aims at providing a vibrant, intellectually and emotionally rich teaching-learning environment with the State of the Art Infrastructure and recognizing and nurturing the potential of each individual to evolve into one's own self and contribute to the welfare of all.

About the Department

The Department of Electronics and Communication Engineering (ECE) was established in 2011, offering an undergraduate program with an initial intake of 60 students later increased to 120 since 2020. Known for its strong emphasis on research and teaching, the department boasts a unit of excellence dedicated to imparting knowledge in the field of Electronics and Communication. It is equipped with a well-established infrastructure, providing all the necessary tools and equipment for academic and research pursuits. Moreover, the department benefits from research facilities sponsored by esteemed agencies like KSCST, VGST, DST, and SAC-ISRO.

Department clubs, essential components of any educational institution, offer a dynamic nexus for students to deepen their academic engagement and personal growth. Beyond the classroom, they provide practical skill development, networking opportunities with professors and industry experts, and a supportive community where friendships are forged, and challenges are overcome. Department of Electronics and Communication proudly hosts the e-Yantra Club. Additionally, the department is an active participant in IEEE, a renowned global organization, further solidifying its commitment to advancing technology and fostering collaborations between academia and industry.

Vision of the Department

To be a department of excellence at a global level in Electronics and Communication Engineering education, incorporating Research & Innovation and leadership training components.

Mission of the Department

- **M1:** Strive to provide state of Art infrastructure in classrooms and laboratories.
- **M2:** Enable all-round development with individual attention and innovative teaching learning methodology.
- **M3:** Impart leadership qualities into the students by exposing them to industry and research in global Electronics and Communication Engineering domain.

Program Educational Objectives (PEO's)

- **PEO1:** Graduates of Electronics & Communication Engineering will be able to utilize mathematics, science, engineering fundamentals, theoretical as well as laboratory-based experiences to identify, formulate & solve engineering problems and succeed in advanced engineering or other fields.
- **PEO2:** Graduates of Electronics & Communication Engineering will succeed in entry-level engineering positions in VLSI, Communication and Fabrication industries in regional, national, or global industries.
- **PEO3:** Graduates of Electronics & Communication Engineering will be prepared to communicate and work effectively on individual & team based engineering projects while practicing the ethics of their profession consistent with a sense of social responsibility.
- **PEO4:** Graduates of Electronics & Communication Engineering will be equipped to recognize the importance of, and have the skills for, continuous learning to become experts in their domain and enhance their professional attributes.

Program Specific Outcomes (PSO's)

- **PSO1:** Explore emerging technologies in the field of Electronics and Communication Engineering using the knowledge and skills gained.
- **PSO2:** Apply techniques in different domains to create innovative products and services in the Communication, VLSI, DSP, and Networking.
 - **PSO3:** Work on various platforms as an individual/team member to develop useful and safe circuits, PCB, Power Management Systems and Automation for the society and nation.

Faculty List

Sl.No	Name of the Faculty	Qualification and Designation	
1	Dr. K Chandrasekhar	B.E, M.E, PhD Professor & Head	
2	Dr. Geetha Priya M	B.E, M.Tech, PhD Professor	
3	Dr. H B M Ajjaiah	B.E, M.Tech, PhD Associate Professor	
4	Dr. Chethana K	B.E, M.Tech, PhD Associate Professor	
5	Dr. Asha Bharathi S	B.E, M.Tech, PhD Associate Professor	
6	Dr. Hamsa S	B.E, M.Tech, PhD Associate Professor	
7	Mr. Chandrashekhar B M	B.E, M.E, [PhD] Assistant Professor	
8	Ms. Sumangala Gejje	B.E, M.Tech Assistant Professor	
9	Mr. Nagesh Kumar D N	B.E, M.Tech,[PhD] Assistant Professor	

10	Mr. Madhukar M	B.E, MSc - Tech, [PhD] Assistant Professor	
11	Mrs. Smita Agarwal	B.E, M.Tech, [PhD] Assistant Professor	
12	Mr. Deepak V Ingale	B.E, M.Tech, Assistant Professor	
13	Mrs. Srilakshmi R	B.E, M.Tech, [PhD] Assistant Professor	
14	Mrs. Krithika P J	B.E, M.Tech Assistant Professor	
15	Mr. Shivaraj A	B.E, M.E Assistant Professor	
16	Mrs. Nami Susan Kurian	B.E, M.Tech, [PhD] Assistant Professor	
17	Mr. Dayananda LN	B.E, M.Tech, [PhD] Assistant Professor	
18	Dr. Soumya Padukone G	B.E, M.Tech, PhD Assistant Professor	
19	Mr. Prasanna	B.E, M.Tech, Assistant Professor	

20	Dr. Prabhin V S	B.E, M.Tech, PhD Assistant Professor	
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Visiting Professor

Sl.N o	Name of the Faculty	Designation	
1	Prof. N Narasimha Swamy	B.E, M.Tech, Professor	

Staff list

Sl.N o	Name of the Staff	Designation	
1	Mr. Goutham C	B.E Foremen	
2	Mr. Shashi Kumar S V	Diploma, HDSE, M.A Senior Instructor	
3	Mrs. Ranjitha Bhat	B.E, (M.Tech) Senior Instructor	
4	Mr. Prabhu	Diploma, BCA(B.E) Senior Instructor	
5	Mrs. Mamatha K H	Diploma Senior Instructor	

6	Mrs. Chandana T V	B.E, (M.Tech) Instructor	
7	Ms. Medha Chowdhary M	B.E Instructor	
8	Mr. Anand V Achar	Diploma,(B.E) Instructor	
9	Mrs. Shruthi M	B.B.M, M.B.A Second Divisional Clerk	

Department Events

Republic Day Celebration: The 76th Republic Day was celebrated with patriotic fervor at Jyothy Institute of Technology on January 26th 2025. The event commenced with the hoisting of the national flag by our esteemed Vice Principal, Dr. Mohan C. B., followed by the singing of the national anthem. In his address, Dr. Mohan highlighted the significance of the Constitution and the role of youth in building a progressive nation. The celebration included cultural performances and patriotic songs presented by students, reflecting the spirit of unity and national pride. The event concluded with a vote of thanks and distribution of sweets.

Youths day: An inspiring session was held to honor **Swami Vivekananda's** contributions to spirituality, education, and social service, aiming to motivate individuals through his ideals of self-confidence, character-building, and service to humanity. **Prof. Pu Ravi Varma**, Principal, RNS Evening College, traced Vivekananda's journey from Narendranath Datta to his spiritual transformation under **Ramakrishna Paramahansa**, highlighting key incidents and his historic 1893 World Parliament of Religions speech promoting religious tolerance and universal brotherhood. **H. M. Nagappa**, Industrialist, PCB Logistics, stressed integrity, discipline, meditation, and self-reflection as pillars of success.

The event concluded with a call for unity in diversity, inspiring attendees to apply Vivekananda's teachings in daily life. A total of **111 IEEE members** and **12 non-IEEE members** participated.



Farewell Celebrations: On the 25th of May, Jyothy Institute of Technology bid a heartfelt farewell to its B.Tech students with a grand celebration filled with joy, nostalgia, and recognition. The farewell event was marked by a series of engaging games that brought laughter and camaraderie among the students, creating lasting memories. To add a touch of fun and creativity, caricature artists were invited to the event, delighting everyone with their quick and lively 2-minute portraits, capturing the essence of each student in a unique and humorous way.



In a ceremony honoring the achievements and excellence of the graduating class, two students from each department were selected as the Best Outgoing Students and awarded a prestigious silver ring. Among these twelve distinguished students, one exceptional individual was awarded a gold ring after a rigorous interview process, highlighting their outstanding accomplishments. Additionally, four students from the Department of Electronics and Communication Engineering (ECE) received Special Achievers Awards for their remarkable contributions and achievements during their tenure at the institute. As a token of appreciation, all graduating students were presented with a special gift from their respective departments, symbolizing the end of their academic journey and the beginning of their professional careers.

ELECTRIG: Department of Electronics and Communication Engineering hosted a significant event to honor the outgoing IEEE ExeCom members and induct the new leadership team. The ceremony was a heartfelt occasion, marking both the farewell of the previous ExeCom members and the introduction of the new team who will steer the IEEE chapter forward.

The event began with the felicitation of the outgoing ExeCom members, recognizing their hard work, dedication, and achievements over the past year. Each member was presented with a token of appreciation, commemorating their valuable contributions to the chapter's success. The new ExeCom members were then formally inducted, receiving jackets and badges symbolizing their new roles and responsibilities. The newly appointed chairman delivered an inspiring speech outlining the vision and upcoming activities for the IEEE chapter. His address focused on fostering innovation, expanding outreach programs, and enhancing the overall impact of the IEEE community at Jyothy Institute of Technology. The event was a blend of gratitude, celebration, and anticipation, setting a positive tone for the future endeavors of the IEEE chapter.

International Women's Day: Jyothy Institute of Technology celebrated International Women's Day with great enthusiasm and respect on the 8th of March. The event was graced by the presence of the esteemed chief guest, Tejaswini Ananth Kumar, whose inspiring words resonated deeply with everyone present. Her speech emphasized the importance of gender equality, women's empowerment, and the vital roles women play in various spheres of life.

The celebration included a series of engaging activities and performances that highlighted the achievements and talents of women within the college community. From thought-provoking discussions to cultural performances, the event showcased the strength and diversity of women. Students and faculty members participated actively, making the event a memorable and empowering experience for all. The celebration of International Women's Day at Jyothy Institute of Technology served as a powerful reminder of the progress made and the journey ahead in the pursuit of equality and empowerment for all women.

Nivista – Login Day: Nivista, held on 17th April 2025, was a vibrant Login Day event organized by the Department of Electronics and Communication Engineering and senior students to welcome the new batch of 2nd-year ECE entrants. With a unique theme that assigned each student a different Indian film industry—like Bollywood, Kollywood, Sandalwood, and Tollywood—freshers dressed up in colorful, elegant outfits representing their respective regions. The day was filled with engaging activities, starting with a fun “find your senior” challenge where juniors had to complete tasks to earn food coupons. Seniors surprised everyone with a series of lively performances, including classical and cinematic dance, singing, and comedy skits, making the atmosphere festive and energetic. Prizes were awarded to freshers under various fun categories, further boosting the excitement. The event concluded on a high note with the prelaunch of Robothon-2k25, marking the beginning of the department’s flagship robotics challenge and wrapping up a day of fun, bonding, and celebration.



ROBOTHON 2025 Prelaunch: Prelaunch of Robothon-2k25 was successfully held on 17th April 2025, in collaboration with the e-Yantra Lab and the IEEE JIT Student Branch. The event featured notable guests including Mr. Narasimhan, Mr. Ramesh B. K, and HOD Dr. K. Chandrashekhar, whose insights and encouragement inspired students to delve deeper into robotics and embedded systems. Robothon-2k25 was unveiled as a 24-hour national-level robotics challenge, aimed at promoting creativity, innovation, and real-time problem-solving. The event also highlighted a thematic reveal, creatively designed by Mr. Madhukar and Mr. Nagesh Kumar D. N, capturing the spirit of teamwork and technology. Backed by an enthusiastic organizing

committee, the prelaunch generated excitement and anticipation, laying a strong foundation for a successful and inspiring competition ahead.



Alumni Summit :The Alumni Summit, themed "Back to College", was held on March 15, 2025, to reconnect with alumni, foster collaborations, and strengthen networks. Keynote speaker Sri Chandrasekhar K, Founder & CEO of Forus Health, inspired the audience with insights on innovation, career growth, and industry trends. Over 220 alumni, 50+ faculty, and 40 student coordinators participated, ensuring smooth execution. Hosted by Ms. Ankitha Gowda, the event featured stand-up comedy by Mr. Shravan P (Tarle Box) and a lively DJ session by DJ Mario. The summit emphasized alumni engagement to boost placements through mentorship, internships, and job opportunities. Attendees enjoyed reconnecting with professors, friends, and exploring campus memories. A perfect blend of knowledge and entertainment, the summit strengthened alumni ties and set the stage for future collaboration.





Celebration of Guru Vandana, Thyagaraja Aradhana: The celebrations of Guru Vandana and Thyagaraja Aradhana were held with deep reverence at our campus. Sri Yoganandeeshwara Saraswathi blessed the occasion with his divine presence. He chanted sacred shlokas and enlightened everyone with their meanings, spreading an atmosphere of devotion and wisdom. Students and faculty members actively participated in the program with great enthusiasm and received his blessings, making the event a memorable and spiritually enriching experience.



Womens Day Celebration: International Women's Day was celebrated on 8th March 2025 with great enthusiasm, greeting all women of the institution. The event began with a series of fun games and engaging activities exclusively for the lady faculty members, including basketball toss, cup stacking using balloons, and other exciting games. The atmosphere was filled with joy and laughter as participants showcased their energy and team spirit. This was followed by a vibrant cultural program where students of the Department of ECE actively performed and contributed to the celebrations. Prizes were awarded to winners of the various fun events, with the ECE Department proudly securing 3 out of 5 prizes, reflecting their spirited participation and teamwork. The celebration was a memorable blend of fun, culture, and recognition, honoring the spirit of women on this special day.



Student Achievements

Best Outgoing Students 2025:



Abhijay R Bhat received a distinguished honor on farewell bidding which was organized on 25th May 2024 as he was nominated as the best outgoing student for the batch of 2024. In recognition of his outstanding academic achievements and contributions, he was awarded the prestigious silver ring by the Institution.

Harith C.M received a prestigious accolade as he was nominated as the best outgoing student for the batch of 2025, on farewell bidding which was organized on 25th May 2024. In acknowledgment of his exceptional academic achievements and significant contributions, the institution bestowed upon him the esteemed silver ring.



6th semester, 4th semester from the department of Electronics and Communication Engineering, along with their group, made an outstanding performance at the VTU Fest 2025 held at **SJCIT**

during the month of May-June. Their dedication and talent were evident, earning admiration and applause from all attendees and received appreciation from VTU.



Jyothy Premier League: Jyothy Institute of Technology organized the Jyothy Premier League (JPL) on 6th and 7th of March 2024. The League had many games like Volleyball, Throw ball, Cricket, Badminton and many more. Having 13 teams across the branches and 12 matches were played for each of the games. The team from department of Electronics and Communication Engineering bagged the first prize winning trophies for their victory in Tug of war.

Sriganesh, Sumukh Aryan, and Sanjay from the 5th semester, department of electronics and communication at JIT triumphed in the cricket tournament at Jyothy Premier League held in March. Their skill and teamwork helped them grab the winners of the tournament by being the winners in cricket and runner up in tug of war.



Harith C. M, a 7th-semester student from the Department of Electronics and Communication, won the first prize in a virtual talent contest organized by the Bureau of Indian Standards (BIS) in celebration of International Youth Day. The event, held at the renowned Taj Hotel, was a celebration of youth innovation and creativity. Harith impressed the judges with his exceptional

poetic skills, earning a well-deserved cash prize of ₹5,000, which is a testament to his dedication and creativity in the art of poetry.

Faculty Achievements

Womens Day Celebrations: The faculties were given to play some events and the winning teams received the prizes on the occasion of Womens day.



Paid Internships

Sl. No	Student Name	USN	Company	Stipend
1	Abhijay R Bhat	1JT21EC002	Kaptronics Pvt. Ltd.	7,500
2	Bhumika NG Nadig	1JT21EC011	Kaptronics Pvt. Ltd.	7,500
3	Chandan Yadav GA	1JT21EC013	Aidin Technologies Pvt. Ltd.	19,000
4	GR Pradyumna Maiya	1JT21EC019	Tessolve Semiconductor Pvt. Ltd.	15,000
5	Gahana U Shetty	1JT21EC021	SNinfo Systems	5,000
6	Harith CM	1JT21EC024	Kaptronics Pvt. Ltd.	7,500
7	Kishore M	1JT21EC030	Skyben	5,000
8	Kowshik B	1JT21EC031	Messan Labs	7,500
9	Madhava KS	1JT21EC034	Pcube Tech Solutions	8,000
10	Mahesh M	1JT21EC035	Skyben	5,000
11	Navya BS	1JT21EC042	Konigtronics Pvt. Ltd.	10,511
12	Prajwal S	1JT21EC050	Konigtronics Pvt. Ltd.	10,511

13	Prashanth B	1JT21EC051	Aidin Technologies Pvt. Ltd.	19,000
14	Pravalika K	1JT21EC052	SNinfo Systems	5,000
15	Rishyanth SM	1JT21EC058	Gosmart Technology Pvt. Ltd.	6,000
16	Rohith P	1JT21EC059	Confident Electronics Pvt. Ltd.	3,500
17	Sai Keerthana C	1JT21EC064	Aidin Technologies Pvt. Ltd.	19,000
18	Sai Priyanka AM	1JT21EC065	Connect and Heal Pvt. Ltd.	18,000
19.	Sanjay KU	1JT21EC066	Vihaan Enterprises	5,000
20.	Sharmada Udupa	1JT21EC068	Datasol	10,000
21.	Srisumukh NB	1JT21EC075	Kaptronics Pvt Ltd.	7,500
22.	Subhash B	1JT21EC077	Rooman Technologies Pvt. Ltd.	7,500
23.	Suprith S	1JT21EC079	Priya Supply chain Solutions Pvt. Ltd.	8,000
24.	Udith Kumar AK	1JT21EC082	Tessolve Semiconductor Pvt. Ltd.	15,000
25.	Amogh Bharadwaj	1JT21EC098	Skyben	5,000
26.	Aditya Bharadwaj	1JT21EC099	Skyben	5,000
27.	Meghana	1JT21EC403	That other Agency	10,000

Placements

Sl. No	Name	USN	Company
1	A Ishanvi	1JT21EC001	Infosys
2	Abhijay R Bhat	1JT21EC002	Kaptronics
3	Anusha Hd	1JT21EC006	NCR Corporation India Pvt Ltd A3 Technologies
4	Banashree Ks	1JT21EC009	NCR Corporation India Pvt Ltd
5	Bhumika N G Nagadi	1JT21EC011	Kaptronics
6	Chandan Kumar Y S	1JT21EC012	NCR Corporation India Pvt Ltd Inchi Solution Pvt Ltd
7	Chandan Yadav G A	1JT21EC013	NCR Corporation India Pvt Ltd

8	Chidambar V G	1JT21EC014	NCR Corporation India Pvt Ltd
9	Diwakar N	1JT21EC017	NCR Corporation India Pvt Ltd Cognizant - Genc
10	Pradyumna Maiya G R	1JT21EC019	Tessolve Semiconductor Pvt Ltd
11	Gahana U Shetty	1JT21EC021	Movidu Technology Pvt Ltd eMpulse Park Controls & Communications Prt Ltd
12	Gayathri PK	1JT21EC022	A3 Technologies
13	Harith C M	1JT21EC024	Kaptronics
14	Hemanth M	1JT21EC026	NCR Corporation India Pvt Ltd
15	Krupa MK	1JT21EC032	Inchi Solution Pvt Ltd
16	Mahesh M	1JT21EC035	Inchi Solution Pvt Ltd
17	Manoj D	1JT21EC037	NCR Corporation India Pvt Ltd
18	Manoj R	1JT21EC038	NCR Corporation India Pvt Ltd
19	Navya B S	1JT21EC042	Connect and Heal Primary Care Pvt. Ltd.
20	Nethra. N	1JT21EC044	NCR Corporation India Pvt Ltd
21	Nikhil R Shetty	1JT21EC045	NCR Corporation India Pvt Ltd
22	Nirmitha D	1JT21EC046	Technodyne Informatics
23	Prajwal S	1JT21EC050	A3 Technologies
24	Prashanth B	1JT21EC051	NCR Corporation India Pvt Ltd
25	Priyanka K N	1JT21EC053	Inchi Solution Pvt Ltd
26	Renuka N	1JT21EC057	Technodyne Informatics NCR Corporation India Pvt Ltd
27	Rishyanth SM	1JT21EC058	Park Controls & Communications Pvt Ltd
28	Rohith P	1JT21EC059	Park Controls & Communications Pvt Ltd
29	Sai Keerthana C	1JT21EC064	NCR Corporation India Pvt Ltd
30	Sai Priyanka A M	1JT21EC065	Connect and Heal Primary Care Pvt. Ltd.
31	Sanjay K U	1JT21EC066	Technodyne Informatics
32	Shankarshana V	1JT21EC067	NCR Corporation India Pvt Ltd Connect and Heal Primary Care Pvt. Ltd.
33	Sharmada Udupa	1JT21EC068	NCR Corporation India Pvt Ltd
34	Shrinivas S Kamble	1JT21EC070	Inchi Solution Pvt Ltd
35	Sriganesh S	1JT21EC072	Inchi Solution Pvt Ltd
36	Srilatha R	1JT21EC074	NCR Corporation India Pvt Ltd
37	Srisumukh N B	1JT21EC075	Kaptronics

38	Tarun Gowda D	1JT21EC080	Inchi Solution Pvt Ltd
39	Udhayashri K A	1JT21EC081	Qspiders NCR Corporation India Pvt Ltd Infosys
40	Udith Kumar A K	1JT21EC082	Tessolve Semiconductor Pvt Ltd
41	Ullas Devang M	1JT21EC083	QSpiders
42	V Neha	1JT21EC084	Movidu Technology Pvt Ltd Connect and Heal Primary Care Pvt. Ltd.
43	Vaishnavi R	1JT21EC085	NCR Corporation India Pvt Ltd
44	VijayKrishna MP	1JT21EC088	Inchi Solution Pvt Ltd
45	Vinutha B T	1JT21EC090	NCR Corporation India Pvt Ltd
46	Darshan M	1JT22EC400	Hudl

Toppers of the semester

Semester	Name and USN	% and CGPA
8 th	1. Nithin A [1JT21EC047] 2. Varadaraj [1JT21EC01086] 3. S Shashank Simha [1JT21EC061]	79.8 % 79.4 % 78.6 %
6 th	1. Anushree S K [1JT22EC012] 2. N. Rishitha Choudhary [1JT22EC065] 3. Karanam Naveen Kumar [1JT22EC042] & Vinod Kashyap [1JT22EC118]	85.3 % 83.4 % 83.0 %
4 th	1. S Raghav Krishna [1JT23EC091] 2. Sharanya D [1JT23EC097] 3. Shwetha P M [1JT23EC100]	88.8 % 88.6% 86.3%

Patents

Inventors	Title of Innovation	Patent Number	Date and Status Filed/ Published/ Granted
Dr. Asha Bharathi S	5G Integrated Wearable Communication Device	448489-001	15/05/2025 Published

Dr. Asha Bharathi S Dr, Hamsa S	IOT Based Air Pollution Monitoring Device	4316282-001	23/01/2025 Published
Dr.V.S.Prabhin	AI-Driven Quantum Algorithms for Real-Time Predictive Traffic Management in Smart Cities	202541015742	07/03/2025 Published
Dayananda L N	AI Enabled Device for Detection of Neurological Disorder	456621-001	25/4/2025 Published

Projects Sanctioned Under KSCST

Guide Name	Students Name	Project Title	Year of Sanction	Total Amount Sanctioned and utilized during current year
Dr. Sowmya Padukone G	Sriganesh S Shankarshana V Srikanth S Vijay Krishna MP	Process automation in pharmaceutical industries	2024	4500
Ms. Sumangala Gejje	Y Mallikarjuna Madhav Vinutha B T Yogitha U K Rakshitha S	Development of a low cost flight controller system using STM32F411CEU6 “BLACK PILL” board and sensor modules with ESP32 camera module	2024	4500
Mr. Shivaraj A	Varun HR Tarun Gowda Sumesh M Sapate Manjunatha	Text recovery device revealing hidden information beneath correction fluid	2024	4500

Faculty paper publications

FACULTY	RESEARCH ARTICLE	INDEXING	PUBLISH DATE
	Chronicles of Glacier Changes of Two Decades in Tons Sub-Basin, West-Central Himalaya, Using Geospatial	Springer Scopus	Jan 2025

Dr. Geethapriya M	Techniques. J Indian Soc Remote Sens 53, 1263–1277 (2025). doi: 10.1007/s12524-024-02106-7		
	Ice Flow Velocity and Thickness Distribution of Glaciers in Ny-Ålesund, Svalbard, during 2015–2016 Using Landsat-8 Multispectral Images. Computer Vision and Robotics. CVR 2024. Algorithms for Intelligent Systems. Springer, Singapore. doi: 10.1007/978-981-97-8868-2_32	Springer Scopus	May 2025
Dr. Chethana K	Design and Prediction Of Temperature-Strain Relationships In Fiber Bragg Grating Sensors Using Machine Learning. J Opt (2025). https://doi.org/10.1007/s12596-025-02579-w	SCI Scopus	Feb 2025
	Chemically Coated Fiber Bragg Grating (FBG) Sensors with Enhanced Thermal Expansion Coefficient in High Temperature Applications, IEEE Sensors Journal, vol. 25, no. 8, pp. 12966-12973, doi: 10.1109/JSEN.2025.3538083	SCI Scopus	Apr 2025
Dr. Asha Bharathi S & Dr. Hamsa S	Enhancing Glaucoma Diagnosis with CNN Models-A Vision-Centric Approach, 2024 2nd International Conference on Emerging Trends in Engineering and Medical Sciences (ICETEMS), Nagpur, India, 2024, pp. 192-198, doi: 10.1109/ICETEMS64039.2024.10965019.	Scopus	Apr 2025
Dr. Sowmya Padukone G	Innovations in Neonatal Surgical Engineering. Journal of Neonatal Surgery. 14. 670-679. 10.52783/jns.v14.2468.	Scopus	Mar 2025
Dayananda L N	Enhancing Critical Thinking Through Problem-Based Learning: A Comprehensive Approach to Modern Education, Fostering Teacher Skills and Critical Thinking in Modern Education, IGI Global, pp 259-282, doi: 10.4018/979-8-3373-1692-5.ch011	Scopus (Book Chapter)	Dec 2024

Student paper publications

STUDENTS NAME	ARTICLE	PUBLISH DATE
Srilakshmi R, Saharsha R, K Harshitha Saraswathi, R Sumukh Aryan,Sai Eshwar V R	Smart pathways for Ambulance, IRJMETS, Vol 7, Iss 4 doi:10.56726/IRJMETS74881	May 2025

Dayananda L N, Kiran Kumar M , Nikhil R Shetty, Manoj Benachina Maradi, Chidambar V G	Portable Non – Invasive Device for ECG and EMG Monitoring, IJSREM, Vol 9, Iss 5, doi: 10.55041/IJSREM48910	May 2025
Dr.Sowmya Padukone.G,Sriganesh.S, Vijay Krishna M.P, Srikanth.S, Shankarshana,V	1st International Conference on Strategies for Business Success in the Modern World - Proceedings	April 2025
Dr. Asha Bharathi S, Nikshitha S, Navya P Vernekar	Enhancing Glaucoma Diagnosis with CNN Models- A Vision-Centric Approach, 2024 2nd International Conference on Emerging Trends in Engineering and Medical Sciences (ICETEMS), Nagpur, India, 2024, pp. 192-198, doi: 10.1109/ICETEMS64039.2024.10965019.	April 2025
Dr. Ajjaiah HBM, Gahana U Shetty, Manoj D, A. Ishanvi	Autonomous Self-Balancing Robot With Camera Tracking and Bluetooth Controlled, IRJMETS, Vol 7, Iss 6, doi:10.56726/IRJMETS74881	June 2025

Department of Electronics and Communication Engineering

Editorial Board



Dr. K Chandrasekhar
Professor and Head



Dr. Hamsa S
Associate Professor

Student Editors



Shreya L, 3rd year
[1JT22EC092]



Sinchana S P, 2nd year
[1JT23EC103]



Udhayashree K, 4th year
[1JT21EC081]



Rohith P, 4th year
[1JT21EC059]