



About CSE Department

The Department of Computer Science & Engineering, established in 2011 with an initial intake of 60 students, has grown exponentially over the years. We expanded to 120 students in 2019 and now proudly accommodate 180 students as of 2022.

Our department is home to a dedicated and talented faculty, including many with doctorates and others actively pursuing their Ph.D. Their expertise isn't just confined to the classroom; our faculty members have published numerous technical papers in national and international journals and conferences. They also take on significant institutional responsibilities and are deeply involved in cutting-edge interdisciplinary research.

We believe in a holistic education that goes beyond the curriculum. Our department actively encourages students to engage in a variety of extracurricular and sports activities, fostering well-rounded growth.

At the heart of our department's philosophy is the commitment to applying knowledge to real-world challenges. We empower our students to use the skills they learn in the classroom to solve practical problems, preparing them to be the innovators and problem-solvers of tomorrow.



Sri Sharada Peetham, Sringeri
Jyothy Charitable Trust®



JYOTHY INSTITUTE OF TECHNOLOGY

Computer Science & Engineering
For Better Insight

IT GAZETTE

2024-25
June, Issue 20

Vision

To be a center of excellence in Computer Science and Engineering education, focus on research, innovation and entrepreneurial skill development with professional competency.

Mission

M1: To provide state of the art ICT infrastructure and innovative, research-oriented teaching-learning environment and motivation for self-learning & problem-solving abilities by recruiting committed faculty.

M2: To encourage Industry Institute Interaction & multi-disciplinary approach for problem-solving and adapt to ever-changing global IT trends.

M3: To imbibe awareness of societal responsibility and leadership qualities with professional competency and ethics.

Message from Head of The Department



Dr. Prabhanjan S
Professor & Head
Department of CSE
Jyothy Institute of Technology

Welcome to the latest issue of our **Department of Computer Science & Engineering** newsletter, "**IT GAZETTE!**" We are thrilled to present our twentieth publication, a testament to the hard work and dedication that defines our department.

I want to extend my heartfelt gratitude to our incredible faculty, non-teaching staff, and students. Your unwavering support and sincere efforts are the driving force behind the continuous betterment and development of the CSE department.

A special thank you to the entire editorial board. Your commitment and hard work have been instrumental in shaping this issue into something truly special.

Enjoy the read!

Editorial Message

Hello everyone,

I'm honored to take on the role of editor for the IT GAZETTE! This newsletter is your go-to source for all the exciting events, activities, and achievements within our department.

In this edition, we've captured the highlights from January to June of the 2024-25 academic year. My goal is for this newsletter to give you a great look into our department's ongoing progress and success.

Happy reading!

Prof. Navile Nageshwara Naveen
Assistant Professor
Chief Editor - IT GAZETTE
Department of CSE
Jyothy Institute of Technology



Editorial Team



Ms. Sudhiksha Prabhakar - 1JT23CS162
4th Sem CSE



Mr. Vishwas R - 1JT22CS187
6th Sem CSE



Mr. Vikas G - 1JT22CS183
6th Sem CSE



Mr. Vignesh V G - 1JT22CS181
6th Sem CSE



Mr. Sudhanva J Rao - 1JT22CS161
6th Sem CSE



Ms. Pamika S M - 1JT23CS105
4th Sem CSE

DEPARTMENT ACTIVITIES

National Youth Day Celebration

The National Youth Day celebration was held at Jyothy Institute of Technology on the 12th of February 2025, commemorating the birth anniversary of Swami Vivekananda. The event was organized with the aim of inspiring students by reflecting on the teachings and ideologies of Swami Vivekananda.

The event saw active participation from students across various departments. Notably, the students from the Computer Science Department attended the seminar and engaged in thought-provoking discussions with the guests.



Industrial Visit to CDAC Bangalore

The industrial visit to CDAC Bangalore was organized for 6th Sem CSE Students on 17th February 2025, which was highly informative and beneficial. The interactive sessions provided valuable insights into the industry, fostering a greater understanding of real-world challenges and innovations. The students expressed enthusiasm for future industrial visits and hands-on training sessions to enhance their technical and professional skills.

Training Program on EBSCO and IEEE Resources

The Department of Library and Information Centre, in collaboration with the VTU Consortium, organized a training program on EBSCO and IEEE resources on 4th March 2025. The session took place at the JIT Auditorium, starting at 9:30 AM. The primary objective of the training was to equip participants with a comprehensive understanding of accessing and utilizing essential academic and research tools, including:

- EBSCO Engineering Suite
- AMA MicroCourses
- IEEE Xplore

The training was attended by 6th Semester Computer Science students, who actively engaged in discussions and gained practical knowledge on navigating these digital platforms.



DEPARTMENT ACTIVITIES

One Day Faculty Development Program on Cloud Computing (BCS601 as per VTU Syllabus).

The one-day Faculty Development Program was organized on 5th March 2025 to train the cloud computing (BCS601) subject-handling faculty on integrated lab experiments framed by the university for the 6th-semester students of the 2022 scheme.

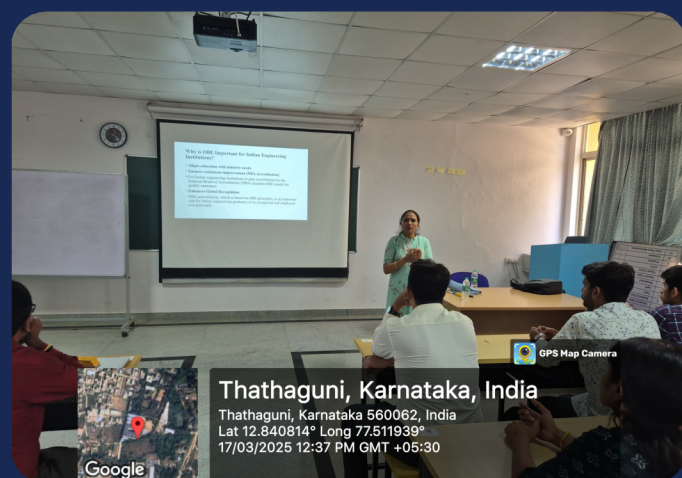
The faculty from various engineering colleges attended the FDP, and the resource person conducted hands-on training on the Amazon Web Services (AWS) Platform. The latter was selected to conduct experiments since the choice was between Google Cloud Platform and AWS Cloud. The attendees were very happy with the training, which cleared up their doubts. All were comfortable executing the experiments from the prescribed syllabus.



Understanding Outcome -Based Education(OBE),Apathway to Student's Success

Understanding Outcome -Based Education(OBE) Event was conducted on 17th March 2025 by Dr. Sowmya B J and Dr. Meera Devi - Associate Professor's from Ramaiah Institute of Technology. The talk was given to the students of CSE Department.

Event highlighted the core principles, benefits, and challenges of OBE, demonstrating its potential to transform educational systems for better student success.



Thathaguni, Karnataka, India
Thathaguni, Karnataka 560062, India
Lat 12.840814° Long 77.511939°
17/03/2025 12:37 PM GMT +05:30

Demystifying Generative AI: From Text to Images and Beyond

The Department of CSE organized a highly insightful technical talk cum mentorship session on 8th April 2025. The event was designed to expose undergraduate students to the rapidly evolving field of Generative AI (Gen AI), and to provide practical insights into careers in AI, ML, and cloud computing.



Thathaguni, Karnataka, India
Off, Kanakapura Main Rd, Thathaguni, Karnataka 560062,
India
Lat 12.840556° Long 77.511803°
08/04/2025 11:58 AM GMT +05:30

DEPARTMENT ACTIVITIES

How to Start a Career in the Tech Industry

A guest lecture was conducted by Mr. Swarup Rao on 13th May 2025 aimed at guiding final-year students on starting a successful career in the tech industry. The session was tailored to inspire and inform students from the 4th Sem- Sections A, B, and C – about the current trends, essential skills, and practical steps to break into the tech field.



Career Guidance Program

The Career Guidance Program organized on 22nd May 2025 for B.E. students proved to be a valuable initiative, bridging the gap between academic learning and career planning. It enabled students to explore various paths, understand industry expectations, and plan their careers effectively.



International Conference on Computing Technologies (ICoCT)

The 2025 International Conference on Computing Technologies (ICoCT), jointly organized by Jyothy Institute of Technology and the IEEE Bangalore Section, was held with great enthusiasm and academic vigor on June 13th and 14th 2025, at the Jyothy Institute of Technology campus in Bengaluru. The conference served as a platform for academicians, researchers, industry experts, and students to come together and explore the latest advancements in computing technologies.



STUDENT'S ACHIEVEMENT

INTER COLLEGE EVENTS

- 1.Ms. BHANUSHRI JAISIMHA (1JT22CS022) got a Certificate of Appreciation at Hackfinity - 24-Hour, National-level event organized at PES University from 08-03-2025 to 09-03-2025.
- 2.Ms. BHANUSHRI JAISIMHA (1JT22CS022) got a Certificate of Appreciation with a cash prize of 36,000/- at the event Colossus 2.0 - The Phonix organized by Dr. Ambedkar Institute of Technology from 11-04-2025 to 12-04-2025.
- 3. Mr. K NAVEEN REDDY (1JT22CS068), Ms. HARSHITHA M (1JT23CS058) and Ms. HARSHITHA N (1JT23CS059) gained Certificate of Achievement and stood as Winners in 24-hour National Level Hackthon organized by Dayananda Sagar Academy of Technology and Management from 11-04-2025 to 12-04-2025.
- 4. Mr. SIDDHARTHA MAHESHA PANDIT (1JT21CS102), Mr. SRIVATHSA NADIG (1JT21CS106) and Mr. VISHAL M KOTI (1JT21CS124) gained Certificate of Appreciation and secured 2nd Place in the event Next Gen Minds 2025 organized by Jagadish Sheth School of Management (JAGSoM), Bangaluru on 3rd May 2025.
- 5. Mr. KARAN KUMAR S (1JT23CS071) and Mr. MEHABOOB S (1JT23CS090) got a Certificate of Achievement at ANVESHANA'25 - National Level Prototype Competition organized at BMS Institute of Technnnologies & Management.
- 6. Ms. HARSHITHA N (1JT23CS071) got a Certificate of Participation at Pragyna-2025 Ideathon organized at JSS Academy Of Technical Education.

RIDDLE

- What has keys but can't open locks, space but no room, and you can enter but not go inside?
- I am an architect's plan for data; you might find me complex or linear. What am I?
- I am not physical, yet I run on machines. I bring life to the digital and power to screens. What am I?

INTER STATE/DISTRICT EVENTS

- Ms. BHANUSHRI JAISIMHA (1JT22CS022) got a Certificate of Appreciation and secured 2nd Prize with a prize amount of 25,000/- at 36-hour National Level Hackthon - SATWA 2025 organized at Saitgits College of Engineering (Autonomous) - Kottayam, Kerala from 23-02-2025 to 25-02-2025.
- Mr. K NAVEEN REDDY (1JT22CS068) got a Certificate of Achievement and secured 3rd Prize at IoT Challenge, Techno-Cultural Fest Pleiades organized at KLE Technological University from 09-05-2025 to 11-05-2025.
- Mr. K BALAMURALI KRISHNA (1JT22CS066) and Mr. K NAVEEN REDDY (1JT22CS068) got a Certificate of Achievement and secured 1st Prize at Technical Symposium FLIGHT 25 Association of Aeronautical Engineers organized at Department of Aerospace Engineering, Madra Institute of Technology, Anna University on 04-06-2025.

Toppers of Odd Semester

Student	Percentage	Sem
DEVIKA R K - 1JT21CS040	84.6	7
SHAKTHI K V - 1JT22CS142	89.67	5
DEEKSHA R - 1JT23CS043	92.67	3
S THANUSHREE - 1JT23CS136		

“Everybody in this country should learn how to program a computer, because it teaches you how to think”.

- Steve Jobs

CULTURAL ACTIVITIES

- SUKRUTH KUMAR N secured Second Place and a Certificate of Achievement in the 'Spot Photography' event at the 24th State Level Youth Festival "INTERACT-2025".
- HITHA P S was awarded Third Place and a Certificate of Achievement in the 'College Making' event at the 24th State Level Youth Festival "INTERACT-2025".
- S THANUSHREE demonstrated her skills by earning Third Place and a Certificate of Achievement in the 'Debate' competition and Second Place in 'Elocution' at the 24th State Level Youth Festival "INTERACT-2025".
- KRUTHIKA C S received a Certificate of Participation for her involvement in 'Clay Modeling & Installation' at the 24th State Level Youth Festival "INTERACT-2025".
- ARAMEHA H S was awarded a Certificate of Participation for her 'Classical Instrumental - SOLO' performance at the 24th State Level Youth Festival "INTERACT-2025".
- SRUJANA K received a Certificate of Participation for participating in the 'Folk Dance' event at the 24th State Level Youth Festival "INTERACT-2025".
- KISHAN S and AKSHAY J both received Certificates of Participation for their joint participation in the 'Installation, Quiz' event at the 24th State Level Youth Festival "INTERACT-2025".
- ARUNA A SHENOY was awarded a Certificate of Participation for 'Spot Painting' at the 24th State Level Youth Festival "INTERACT-2025".
- J MANU earned a Certificate of Participation for participating in 'Folk Dance & Classical - SOLO' at the 24th State Level Youth Festival "INTERACT-2025".
- SANJANA N BHARADWAJ received a Certificate of Participation for her 'Installation' project at the 24th State Level Youth Festival "INTERACT-2025".
- VAISHNAVI A N and SURAJ S CHINVAR both received Certificates of Participation for their performances in 'Group Song' and 'One Act Play' respectively, at the 24th State Level Youth Festival "INTERACT-2025".
- HEMANTH R, VIJAYA KRISHNA, SANGEETHA M, and VISHWAS R all received Certificates of Participation for their participation in 'One Act Play' at the 24th State Level Youth Festival "INTERACT-2025".
- K M RANGAVITTALA RAO received a Certificate of Participation as an 'Accompanist' for music at the 24th State Level Youth Festival "INTERACT-2025".
- ASHAS R was awarded a Certificate of Participation for 'Poster Making' at the 24th State Level Youth Festival "INTERACT-2025".
- GEETHA C received a Certificate of Participation for 'Cartooning' at the 24th State Level Youth Festival "INTERACT-2025".
- HITHA P S, ASHITHA K, DILIP R, and GAGAANASHREE S all received Certificates of Participation for participating in the 'Fashion Show' at "Expentanza 2025".
- AHAN H P, BANDEGESHA, GAGAANASHREE S, ASHITHA K, HITHA P S, and AHODH H L all secured Second Place and a Certificate of Achievement for their participation in the 'Fashion Walk' at "Verve-2025".

CROSSWORD QUIZ

- The physical parts of a computer (8)
- A collection of related web pages (7)
- Shortcut for Central Processing Unit (3)
- First high-level programming language (7)
- A step-by-step procedure to solve a problem (9)
- Storage device with no moving parts (3)
- A malicious program that replicates itself (5)
- The brain of the computer (3)
- A place to temporarily store data (6)
- A portable computer (6)
- Language used to create web pages (4)
- Software that protects against malware (9)
- One billion bytes (2)
- Graphical interface element like button or menu (3)

W	C	B	R	A	S	S	W	E	S	T	E	R	A	I
C	H	A	R	D	W	A	R	E	O	B	M	L	I	H
F	O	R	M	A	T	E	S	B	U	U	L	A	K	T
O	W	E	B	S	I	T	E	B	V	F	E	P	R	M
K	I	O	N	S	R	A	P	E	L	F	A	T	A	L
Y	C	P	U	P	S	H	P	A	H	E	R	O	N	E
I	K	L	F	A	S	T	A	G	S	R	A	P	G	S
N	F	O	R	T	R	A	N	D	A	R	E	T	U	W
B	O	W	E	L	E	T	R	A	I	N	E	R	I	G
G	A	L	G	O	R	I	T	H	M	E	I	R	R	N
E	M	O	B	E	C	T	R	L	O	V	E	R	S	U
W	S	S	D	I	S	T	A	N	I	T	R	E	D	S
B	O	S	S	I	S	M	A	T	E	S	D	V	I	N
K	W	O	R	M	S	Z	N	I	Q	Y	U	I	J	G
I	N	M	O	R	N	A	D	N	A	C	H	R	O	M

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
1	Dr. Prabhanjan S	Currency Detection for the Visually Impaired Using Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET) IC Value: 45398, SJ Impact Factor: 7.538, Volume 13, Issue 5 May 2025.	ISSN NO: 2321 - 9653	2025
2	Mr. Nagaraj A	Automop: Autonomous Voice-Enabled Floor Cleaner with Smart Navigation	International Journal of Research Publication and Reviews, Volume: 6, Issue: 5, May 2025, Page No: 6675-6679	ISSN NO: 2582 - 7421	2025
		MarketPulse: A Real-Time Financial Analysis Platform Using Data Science and Web Technologies	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 04, April 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
3	Dr. Manoj Kumar M	AI-Enhanced Multimodal Sensing for Early Detection of Diabetic Foot Ulcers: A Cost-Effective Wearable Solution	International Journal for Research in Applied Science & Engineering Technology (IJRASET) IC Value: 45.98, SJ Impact Factor: 7.538, Volume 13, Issue V May 2025	ISSN NO: 2321 - 9653	2025
		Ensemble Learning Framework for Blood Group Identification Using Fingerprint Patterns	IEEE 2025 International Conference on Computing Technologies (ICOCT)	---	2025

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
4	Dr. Swathi K	AI-Driven Insider Threat Detection Using Wazuhand Behavioral Analytics: A Modular Approach	International Journal for Research in Applied Science & Engineering Technology (IJRASET) IC Value: 45.98, SJ Impact Factor: 7.538, Volume 13, Issue V May 2025	ISSN NO: 2321 - 9653	2025
5	Dr. Annie Sujith	AI-Powered Dementia Care Companion: An Intelligent Assistive System for Memory Aid, Safety, and Thought-to-Text Support	International Journal of Scientific Research In Engineering & Management (IJSREM) , Volume: 09, Issue 05, Impact Factor: 8.586, DOI Prefix: 10.55041, May 2025	ISSN NO: 2582 - 3930	2025
		Image Restoration and Enhancement of Retinal images using Multi-Resolution Dual CNN	Internatinal Journal / 979-8-3503-8168-9/24/ 02 Feb 2025	---	2025
6	Dr. Madhusudhana G K	AI-Powered Healthcare and Mental Healt Assistant	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025

Guess What this piece
of code will do..!!!!



```
def demo(set1, set2):  
    return set1 & set2  
  
print(demo({1, 2, 3}, {2, 3, 4}))
```

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
7	Dr. Raghavendra K	RoadEye-A YOLOV12-Based Approach for Real-Time Road Pothole Detection	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
8	Dr. Krishna Prasad R	Pedestrian Safety Enhancement Using IOT for Visually Impaired	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
9	Dr. Nikitha S	Traffic Violation Detection System	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
		Pneumonia Diagnosis Using Deep Learning Models	IEEE	---	2025
10	Mrs. Nayana G Bhat	AgroSense: A Real-Time Smart Irrigation Monitoring System Using IOT and Machine Learning	International Research Journal of Engineering and Technology (IRJET) Volume: 10, Issue: 23, April 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025

```
def demo(s):
    return sum(1 for char in s if char.lower() in 'aeiou')

print(demo("Hello World"))
```



Guess What this piece
of code will do..!!!!

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
11	Mr. Keshava Gowtham	Blind Assistance Using AI with Machine Learning	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 04, April 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
12	Mrs. Namratha B S	Advanced AI-Driven Interview Analysis: A Comprehensive System for Automated Evaluation and Feedback	International Research Journal of Modernization in Engineering Technology and Science, Impact Factor: 8.187, Volume: 07, Issue: 05 May 2025	ISSN NO: 2582 - 5208	2025
		Revolutionizing Healthcare with Deep Learning: Future Application and Ethical Considerations	International Research Journal of Engineering and Technology (IRJET) Volume: 12 Issue: 06, June 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
13	Mr. Basavesh D	Hacklab: A Cybersecurity Training Platform with AI Chatbot Assistance and Virtualization Lab Infrastructure	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025

b = b + a;
a = b - a;
b = b - a;



Guess What this piece of code will do..!!!!

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
14	Mr. Navile Nageshwara Naveen	Prediction of Diabetes and Hyper Tension using Machne Learning Techniques	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
		Securing Healthcare Data With A Blockchain-Cloud Hybrid: An Ethereum-Based Implementation	International Research Journal of Modernization in Engineering Technology and Science, Impact Factor: 8.187, Volume: 07, Issue: 05 May 2025	ISSN NO: 2582 - 5208	2025
15	Mrs. Rekha V	Thyroid Disease Prediction	International Journal of Research Publication and Reviews, Volume: 6, Issue: 5, May 2025, Page No: 6675-6679	ISSN NO: 2582 - 7421	2025
		Smart Site Selection for Wind Farm	International Research Journal of Engineering and Technology (IRJET) Volume: 10, Issue: 03, Mar 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
14	Mr. Venkateshwara N	Streamlining Agile Planning Through AI-Powered Task Generation and Jira Integration	International Journal of Research Publication and Reviews, Volume: 16, Issue: 5, May 2025, Page No: 3633-3638	ISSN NO: 2582 - 7421	2025

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
15	Mr. Akhilesh S Narayan	AI Powered Medical Diagnosis and Disease Support System	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
16	Mrs. Rajeswari M	AI-Powered Cyber Threat Detection and Automated Response System	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 12, Issue 5, May 2025	ISSN NO: 2349 - 5162	2025
17	Mrs. Geethpriya G H	Real - Time Cyber Threat Detection Using Deep Learning: A Step Towards Autonomous Security	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 05, May 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
18	Mr. Adithya D A	Detection of Image Tampering Using Deep Learning - Based Image Forensics	International Research Journal of Engineering and Technology (IRJET) Volume: 10, Issue: 03, March 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025
19	Mr. Prajwal Gowda Patil	Bone Tumor Detection Using Image Processing	International Research Journal of Engineering and Technology (IRJET) Volume: 12, Issue: 04, April 2025	e-ISSN NO: 2395 - 0056 p-ISSN NO: 2395 - 0072	2025

FACULTY'S ACHIEVEMENT

FACULTY PUBLICATIONS

Sl. No	Faculty	Title of Paper	Conference/Journal and Volume	ISSN No/Impact Factor	Year
20	Mrs. S Saila	Malicious Node Dtection and Secure Data Storage in Wireless Sensor Networks using Blockchain and Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET), IC Value:45.98, SJ Impact Factor: 7.538, Volume 13, Issue 5, May 2025	ISSN NO: 2321 - 9653	2025
		Building a SaaS-Based WhatsApp Chatbox for Restaurant Automation: SupFoodie AI	International Journal for Research in Applied Science & Engineering Technology (IJRASET), IC Value:45.98, SJ Impact Factor: 7.538, Volume 13, Issue 5, May 2025	ISSN NO: 2321 - 9653	2025
		Plant Disease Identification Using a Novel Convolutional Neural Network	International Journal for Research in Applied Science & Engineering Technology (IJRASET), IC Value:45.98, SJ Impact Factor: 7.538, Volume 13, Issue 6, June 2025	ISSN NO: 2321 - 9653	2025

FACULTY BOOK PUBLICATIONS

Sl.No	Faculty	Book Published	Publisher	Year
1	Mrs. Namratha B S	Data Structures using Python	Scientfic International Publishing House	2025

FACULTY PATENT DETAILS

Sl.No	Title of the Invention	Inventors	Patent Application No
1	AI-Driven Medication Management System	Dr. Annie Sujith	202541032486
2	Enhanced Molecular Similarity Protein-Ligand Aligner (Emspla) for Improved Deep Learning-Based Bindi	Mr. Srinidhi Kulkarni V	202541028352
3	Medconnect - An Automatic Drug Dispensing	Dr. Swathi K	202541056423
4	Automated Waste Segregation and Optimization System Using Intelligent Image Classification and Multi-Sensor Fusion	Mrs. Namratha B S	202541061835

FACULTY ONLINE COURSES

- Mrs. S. Saila, successfully completed the **Software Testing course** with a score of 52%. The four-week course was organized by **NPTEL-AICTE** and ran from January to February 2025.
- Mrs. Prathibha K.N. completed the **"The Data Science Course: Complete Data Science Bootcamp 2025"** on January 8, 2025, through **Udemy**. She also completed a two-day workshop on **"Latex for Beginners: Write your First Research Paper"**, organized by **Thinkroots Innovative Solutions**, from June 26-27, 2025.
- Mrs. Rajeswari M completed the Workshop on **Cyber Aware Nerizen (CAN) Category of the National Security Database (NSD)** on January 25, 2025.

```
public static boolean Demo(List<Integer> list) {  
    for (int i : list) {  
        if (i % 2 == 0)  
            return false;  
    }  
  
    return true;  
}
```

← Guess What this piece of code will do..!!!!

FUNDED PROJECTS

2024-25

Student Names	Name of the Faculty(Guide)	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount in Rs.
Mr. Sudhanva H P - 1JT21CS108	Dr. Nikitha S	Sustainable Water Manageme nt: A Remote Sensing Perspective on Lake Health	Research	KSCST (Karnataka State Council for Science and Technology)	3000/- (Three Thousand Only/-)
Mr. Shrihari V P - 1JT21CS100					
Ms. T A Nayana - 1JT21CS112					
Ms. Varshini L - 1JT21CS119					

FEEDBACK AND SUGGESTIONS LEAD TO BETTER QUALITY. WE SEEK YOUR CONTRIBUTION, SUGGESTIONS AND FEEDBACK ON “IT GAZETTE” TO MAKE OUR NEWSLETTER MORE MEANINGFUL.

