



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

| ISE-THINKLET
2023 - 24 (APR-AUG)



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Department of Information Science and Engineering



Dr. DIVAKAR HAREKAL
Professor and Head

Message from the HOD

I am extremely happy that ISE-THINKLET 2023–24 (April - August) is being released. The magazine is a means for students and faculty to exhibit their creative skills. It provides a vibrant platform for sharing their technical knowledge and innovative ideas. The faculty of the department leaves no stone unturned in nurturing the students to express themselves within and outside of their classes.

The department's endeavors produce confident professionals, tuned to a real-time working environment. Students actively team up with the faculty to work on collaborative projects, from which they tend to imbibe the required skills and benefit a lot from their understanding of current opportunities and challenges while developing new technologies within the realm of information science. The magazine serves as a testament to their dedication and passion for learning, fostering an environment where curiosity thrives. It not only showcases academic excellence but also highlights the department's commitment to holistic development, encouraging students to explore, innovate, and push the boundaries of knowledge.

VISION

To be a department for excellence in education in information science and engineering, research, innovation, and work towards empowering students for professional competence and entrepreneurial skills

MISSION

M1: To provide state-of-the-art infrastructure with modern and innovative teaching methodologies.

M2: To encourage and nurture collaborative and interdisciplinary projects that aid academic and industrial research.

M3: To promote activities that helps our students inculcate ethical practices and entrepreneurial Skills.

Teaching Faculty

Name	Designation	Qualification
Dr. Divakar Harekal	Professor and Head	M.Tech., Ph.D
Dr. Kishore G.R.	Associate Professor	M.Tech., Ph.D
Dr. Abhishek Kulkarni	Associate Professor	M.Tech., Ph.D
Mrs. Rashmi K S	Assistant Professor	M.Tech., Ph.D
Mrs. Anupama V P	Assistant Professor	M.Tech., Ph.D
Mrs. Nandini D	Assistant Professor	M.Tech
Ms. Rakshatha S	Assistant Professor	M.Tech, (Ph.D)
Mr. Manjesh B N	Assistant Professor	M.Tech, (Ph.D)
Mr. Avinash N Rao	Assistant Professor	M.Tech
Ms. Shilpa Narayan	Assistant Professor	M.Sc
Mr. Mukesh Kamath Bola	Assistant Professor	M.Tech

Non teaching faculty

Name	Designation
Mr. Prajwal Patil	Instructor
Mr. Rahul N	Instructor
Mr. Abhishek G S	Programmer
Mr. Naveen Kumar P R	SDC
Mr. Sunila V	Programmer

DEPARTMENT ADVISORY BOARD

SL NO	NAME	Designation
1	B B Shetty	Head, Regional-HR, TCS
2	Mr. Sreenivasa Ramanujam	Academic Relationship Manager, TCS
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5	Mr. Nikhil M	Salesforce Tech Lead, Nokia Network & solutions Pvt Ltd
6	Dr. Rekha B Venkatapur	Professor and Head CSE Dept, KSIT
7	Dr. Rekha PM	Professor and Dean, Academics, Dept of ISE, JSS Academy of Technical Education
8	Dr. Kishore G R	Associate Professor, ISE, JIT
9	Dr. Divakar Harekal	Prof and Head ISE, JIT

FACULTY CERTIFICATIONS

Prof. Mukesh Kamath was awarded a certificate for completing the “Certified ScrumMaster (CSM)” on April 28th, 2024, issued by the Scrum Alliance, Inc located in Denver, CO, US.

Prof. Rashmi K S successfully completed the “NSM HPC Systems & AI: From Theory to Practice” course under the CSIR-4PI Skill Development Programme in collaboration with C-DAC from July 4 to July , 2024 and was awarded a certificate of participation and completion for the same.

FACULTY PUBLICATIONS

Prof. Anupama V P published a paper titled “Redefining Mobility: Deep Learning-Assisted Obstacle Detection” in IJERT -International Journal of Engineering Research & Technology during May 2024.

Prof. Nandini D published a paper titled “Deep Trace: Unravelling Deepfakes Through LTSM Analysis” in IJRESM - International Journal of Research in Engineering, Science and Management during April 2024.

Dr. Kishore G R was published an article with paper ID “TIJER2403126” entitled “Determination of age and gender using dental X-ray:-forensic” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 3, March-2024, ISSN: 2349-9249.

Mr. Avinash N Rao published an article with paper ID “TIJER2404082” entitled “BEACH SAND ROVER: Autonomous Wireless Beach Cleaning Rover” in TIJER-INTERNATIONAL RESEARCH JOURNAL in Volume 11 Issue 4, April-2024, ISSN: 2349-9249.

Dr. Kishore G R published an article with paper ID “TIJER2404045” entitled “AI-Driven resume and company screening for Optimized candidate and company selection process” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 4, April-2024, ISSN: 2349-9249.

Mr. Avinash N Rao was awarded the certificate of publication for publishing the article with paper ID “TIJER2405102” entitled “Real-Time Multi-Gases Detection and Alert System” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 5, May-2024, ISSN: 2349-9249.

STUDENT-RESEARCH PUBLICATIONS

M. Abhishek, M. Adithya, G. Anirudha, V. Charmyka Reddy were awarded the certificate of publication for publishing the article entitled Deep Trace: Unravelling Deepfakes Through LSTM Analysis in Volume 7, Issue 4, April 2024 in the International Journal of Research in Engineering, Science and Management, ISSN: 2581-5792.

Charan B A, Vivek Singh, R Jeevan Kashyap, Harshil S were awarded the certificate of publication for publishing the article with paper ID “IRJMETS60500211468” entitled “ALZCARE: MOBILE-ACCESSIBLE IOT SOLUTION FOR ALZHEIMER'S LOCATION AND HEALTH TRACKING” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 06, Issue 05, May 2024, e-ISSN: 2582-5208.

Chaitanya B K, Hemanth Kumar N P, Koustubh Krishna Sadalagi, Naveen Kumar N were awarded the certificate of publication for publishing the article with paper ID “IRJMETS60500148863” entitled “BRAIN TUMOR DETECTION USING CNN AND INTEGRATING GEMINI PROVISION MODEL” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 06, Issue 05, May 2024, e-ISSN: 2582-5208.

Rakshith Tarun S, Mithun R, Deepak R P, Ujwal S C were awarded the certificate of publication for publishing the article with paper ID “TIJER2404082” entitled “BEACH SAND ROVER: Autonomous Wireless Beach Cleaning Rover” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 4, April-2024, ISSN: 2349-9249.

Deepthi G, Prerana R, Ananya M N, Adithi S were awarded the certificate of publication for

publishing the article with paper ID “TIJER2403126” entitled “Determination of age and gender using dental x-ray-forensic” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 3, March-2024, ISSN: 2349-9249.

Chandra Lekha C, Manohar S, Mahalakshmi H C, Niharika N S was awarded the certificate of publication for publishing the article with paper ID “TIJER2404045” entitled “AI-Driven resume and company screening for Optimized candidate and company selection process” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 4, April-2024, ISSN: 2349-9249.

Shalini H, Nireeksha N were awarded the certificate of publication for publishing the article with paper ID “TIJER2405102” entitled “Real-Time Multi-Gases Detection and Alert System” in TIJER-INTERNATIONAL RESEARCH JOURNAL Published in Volume 11 Issue 5, May-2024, ISSN: 2349-9249.

CONFERENCE/WORKSHOP/FDP ATTENDED **BY FACULTY**

Prof. Rashmi K S successfully completed the “NSM HPC Systems & AI: From Theory to Practice” course under the CSIR-4PI Skill Development Programme in collaboration with C-DAC from July 4 to July 5, 2024.

2020 – 2024 Batch Project Exhibition

Jyothy Institute of Technology conducted Project Exhibition cum competition – A one day project exhibition for all 8th semester projects across all the departments of the college. Department of ISE invited Dr. Vindhya P Malagi as the Jury for the event, where the all the 8th sem projects of the ISE department were showcased.

The Project Exhibition showcased ISE Final Year Projects in the department to the invitees that included faculty and students from various branches.

About 50 final year students presented their best and demonstrated their project work and grouped in 13 batches. The students also showcased their Project posters.

The event provided a platform for students to exhibit their innovative ideas, research, and technical skills, fostering a spirit of creativity and collaboration among peers. Dr. Vindhya P Malagi, as the esteemed jury member, evaluated the projects based on innovation, implementation, and impact. Faculty members and students from ISE branch actively participated, engaging with the presenters and appreciating their efforts. The exhibition not only highlighted the hard work and dedication of the students but also encouraged interdisciplinary discussions and knowledge sharing. The projects spanned diverse domains, including artificial intelligence, cybersecurity, software development, and data science, reflecting the department's commitment to cutting-edge technology. The interactive sessions allowed participants to exchange ideas, receive valuable feedback, and enhance their technical understanding. The event concluded with appreciation for all participants, with the best projects being recognized for their outstanding contributions.

JURY: Dr. Vindhya P Malagi

Dr. Vindhya P Malagi encouraged all the project batches to work on their projects further and continue improving their technical skills and wished them all the best. Management and Principal motivated and wished them luck for future.

The Jury Dr. Vindhya P Malagi gave away the first prize (cheque worth 3000/-), second prize (cheque worth 2000/-) and two consolation prizes (cheque worth 1000/-) each.

The Jury, HoD-ISE and other congratulated the students for their efforts.





First Prize

USN	Student Name	Guide Name	Project Title
1JT20IS031	Rakshitha KR	Prof.Nandini D	Sign2Sound Assistant: Empowering Sign Language with voice
1JT20IS034	Samraddha MS		
1JT20IS043	SurabhiR Rao		
1JT20IS050	Venkat C		

Second Prize

USN	Student Name	Guide Name	Project Title
1JT20IS010	D K S Jhanavi	Prof. Rakshatha S	Rightsmate: Virtual Assistant for Indian Constitutional Fundamental Rights Awareness
1JT20IS035	Sathvik P Narayan		
1JT20IS038	Shishira S Bayari		
1JT20IS040	Soumya M Hebbar		

Consolation Prize

USN	Student Name	Guide Name	Project Title
1JT20IS039	Shreyas S	Dr. Kishore G R	Missing Person and Vehicle Recognition using Computer Vision
1JT20IS049	Varun V		
1JT20IS045	Tejas Raghavendra		
1JT20IS032	Saatvik S Shastry		
1JT20IS020	Koustubh K S	Prof. Manjesh B N	Explainable Brain Tumor Detection

Full stack development workshop

On a recent date, 03-06-2024, 04-06-2024, 06-06-2024 a three- day workshop on full-stack development took place, intending to give people the necessary knowledge needed to create and control web applications.

This type of training was meant to serve people who are either newcomers in the field of IT or those who have been around for some time now; hence, it provided real-life examples that touch on the use of both front- end and back-end technologies.

The workshop was taken care of by Chandrashekar Rao Kuthyar, and the sessions were held on full-stack development concepts. The workshop involved resourceful and very engaging topics, which were covered with conscious effort and sincere dedication.

Day 1: Front-End Development

- 1.HTML & CSS
- 2.JavaScript
- 3.Frameworks and Libraries

Day 2: Back-End Development Topics Covered

- 1.Databases
- 2.Authentication and Security

Day 3: Full Stack Integration Topics Covered

- 1.Connecting Front-End and Back-End
- 2.Deployment
- 3.Version Control

The workshop concluded with the sharing of experiences and suggestions by participants in a feedback session. This was followed by a networking section that enabled the attendees to connect with others from their industries in peer groups and with some professionals, thereby promoting cooperation that may lead them to prospects regarding full-stack development areas.



ISE Industrial Visit: Master Control Facility (MCF), Hassan

On June 28, 2024, the students of the 4th semester of ISE had the unique privilege of visiting the Indian Space Research Organization's (ISRO) Master Control Facility (MCF), located in Hassan. The visit provided us with a comprehensive insight into the intricate world of satellite technology, its functions, and the impressive efforts that go into managing space operations.

The day began with an engaging hour-long presentation that delved into the fundamental principles of satellites. The presentation covered their various functions, including communication, navigation, remote sensing, and scientific research. We were introduced to the complexities of satellite orbits, understanding how they are positioned in space and the factors that influence their trajectories. This foundational knowledge laid the groundwork for a deeper understanding of the subsequent experiences during our visit.

Following the presentation, we embarked on a guided tour of the MCF facility. Our first stop was a workspace where experts were meticulously scanning images of Earth. These images were not only visually captivating but also held great significance in the field of weather forecasting. We learned how the images captured by satellites are processed and analyzed to provide accurate and timely weather predictions. Witnessing the convergence of advanced technology and meteorological science was truly inspiring.

As we moved further, we observed specialists utilizing cutting-edge software to enhance image resolution and extract critical data for climate monitoring. The dedication and precision involved in transforming raw satellite imagery into actionable insights left us with a deep appreciation for the role of space technology in everyday life.



List of Technical Talks Conducted

SL NO	DATE	EVENT NAME	RESOURCE PERSON/Organizer	NO. OF PARTICIPANTS	DETAILS OF EVENT
1	23-05-2024	Coding Challenge	CSI Student Chapter, Manjesh B N	130	Coding Challenge for 4 th Sem
2	28-05-2024	Coding Challenge	CSI Student Chapter, Manjesh B N	50	Coding Challenge for 6 th Sem
3	03-06-2024 04-06-2024 06-06-2024	Student Hands-on workshop	Chandrashekhara Rao kuthyar	65	Full Stack Development using Django

4	04-09-2023	Competition	JIT Tech Hub & CSI Student Chapter, Manjesh B N	180	SIH 2023 – Internal Hackathon
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Inter-State Competition

SL NO	NAME	DATE	EVENT NAME	ORGANIZER	PLACE	REMARKS
1	Rachana Shekar Rao	27-04-2023	Protatva-23-State Level Project Exhibition	RVITM	Bangalore	Second Prize
2	Rakshitha M	20-02-2024	Jnana-Vijnana- Tantrajana Mela - 2025	ACU	Mandya	Participated

BLUETICKS



Born from the vibrant minds of Information Science Engineering students at JIT College, Blueticks is more than just a start-up—it's a testament to the power of youthful creativity and technical prowess. Blueticks is an IT company that provides tailored solutions for creating high-quality web applications, delivering exceptional digital experiences. Founded by Satvik P Narayan and his dedicated team, Blueticks has successfully addressed numerous IT challenges, driving improved business outcomes. Vision - Everybody wants to build technology for big companies like Mc Donalds and Dominoes ... We are building technology for standing and

eating fast food restaurants, small restaurant and cloud kitchens. The overview highlights how the startup leverages ONDC (Open Network for Digital Commerce) to enhance efficiency and satisfaction by streamlining kitchen orders and reducing delivery costs for both standing-eating restaurants and cloud kitchens. A special thanks to Shreyas Kashyap and Varun D Kumar for their initiative and support in building this startup and making a positive impact.

Notable Achievements and Recognition for Blueticks

- First Place at Ideathon 2023, organized by Atal Incubation
- 2nd Runner-Up at V-LAUNCH PAD, hosted by Vellore Institute of Technology, Amaravati
- 2nd Runner-Up at Xcelerate 2.0, presented by Shiv Nadar University, Delhi NCR

INTERNSHIP DETAILS (2020 BATCH)

SL NO	Name	USN	Company	Stipend
1	Adithi S	1JT20IS002	Appzui Technologies Pvt Ltd	Rs.3000/-
2	Ananya MN	1JT20IS004	iCube Consulting Services	Rs.10,000/-
3	Ananya MN	1JT20IS004	Shyena Solutions	Rs.8000/-
4	Chanda Lekha C	1JT20IS008	Celominds Pvt Ltd	Rs.12,000/-
5	Charan B A	1JT20IS009	ATS Power Solutions Pvt Ltd	Rs.5000/-
6	D K S Jahnavi	1JT20IS010	Celominds Solutions Private Limited	Rs.12,000/-
7	Dashami raj	1JT20IS011	Scontinent technologies	Rs.5000/-
8	Dashami raj	1JT20IS011	Locate us	Rs.5000/-
9	Deepak R.P	1JT20IS012	Seventh sense solutions	Rs.6000/-
10	Deepthi.G	1JT20IS013	ScienceUtsav	Rs.5000/-
11	Harsha S	1JT20IS014	Animisha Technologies Pvt. Ltd.	Rs.1500/-

12	Harsha S	1JT20IS014	Codesight Global Solutions Pvt. Ltd.	Rs.5000/-
13	Harshil	1JT20IS015	ATS Power Solutions Pvt Ltd	Rs.5000/-
14	Harshitha BS	1JT20IS016	Codesight Global Solutions Pvt.	Rs.5000/-
15	Harshitha M Gudibande	1JT20IS017	HSMCIL	Rs.15,000/-
16	Harshitha M Gudibande	1JT20IS017	Shyena Solutions	Rs.8000/-
17	Keerthana R	1JT20IS019	Locate Us	Rs.5000/-
18	Keerthana R	1JT20IS019	Scontitent Technologies Pvt Ltd	Rs.5000/-
19	Koustubh	1JT20IS020	Oregano solutions	Rs.25,000/-
20	Mahalakshmi H C	1JT20IS021	Shyena Solutions	Rs.8000/-
21	Nireeksha N	1JT20IS026	Codesight Global Solutions Pvt. Ltd	Rs.5000/-
22	Nishan N	1JT20IS027	Animisha Technology Pvt Lt	Rs.3000/-
23	Nishan N	1JT20IS027	Codesight Global Solutions Pvt. Ltd	
24	Prerana R	1JT20IS028	Science Utsav	Rs.5000/-
25	R Jeevan Kashyap	1JT20IS029	ATS Power Solutions Pvt Ltd	Rs.5000/-
26	Rakshitha K R	1JT20IS031	Fidelis Technologies	Rs.15,600/-
27	Saatvik Shastry	1JT20IS032	Next Big Innovation Labs	Rs.15,000/-
28	Sathvik P Narayan	1JT20IS035	Animisha Technology	Rs.3000/
29	Shalini H	1JT20IS036	Airobosoft	Rs.1000/-
30	Sharanya	1JT20IS037	Shine logistics solutions	Rs.5000/-
31	Shishira Bayari	1JT20IS038	Briobrill technology	Rs.8000/

32	Shishira Bayari	1JT20IS038	Xtendr	Rs.6000/-
33	Shreyas	1JT20IS039	Zolve	Rs.30,000/-
34	Shreyas	1JT20IS039	Zolve	Rs.30,000/-
35	Sriram B.S	1JT20IS041	Codesight Global Solutions Pvt. Ltd	Rs.5000/-
36	Surabi R Rao	1JT20IS043	ZenDynamix Software pvt ltd	Rs.4500/-
37	Tejas Raghavendra	1JT20IS045	Bosch Global Software Technologies	Rs.25,000/-
38	Tejas Raghavendra	1JT20IS045	Fisdrom	Rs.20,000/-
39	Thanuja Shree K	1JT20IS046	AI robosoft	Rs.1000/-
40	Varun V	1JT20IS049	Celominds	Rs.12,000/-
41	Venkat C	1JT20IS050	Celominds Solutions Pvt Ltd	Rs.12,000/-
42	Vijayalakshmi. R	1JT20IS051	Scontii technologies	Rs.5000/-
43	Vivek Singh	1JT20IS052	Odigma consultant solution	Rs.4000/-

Celebrating Our Recent Sports Achievements

Our college is committed to providing extensive exposure and opportunities for our students to excel in sports. By actively participating in various sports events across the state, we ensure that our athletes gain valuable experience, develop their skills, and build camaraderie. This dedication to fostering a vibrant sports culture is evident

in our recent achievements. We are thrilled to announce our remarkable success in recent tournaments. Their hard work, dedication, and team spirit have truly paid off, and we are proud to share their accomplishments with our community.

First, our team emerged as the champions of the VTU State Level Women's Throwball Tournament (South Division). This highly competitive tournament brought together top teams from universities across the southern division. Our players demonstrated exceptional skill and strategy, overcoming formidable opponents through a series of intense matches.

Their victory in this tournament is a testament to their relentless effort and the excellent coaching they have received.

Additionally, our team secured the winners' title at the Dr. B.N.V Subramanyam Memorial Sports Meet. This prestigious event, named in honor of Dr. B.N.V Subramanyam, features a wide array of sports competitions. Our women's throwball team shone brightly, dominating the competition with their coordination and teamwork. Winning this title not only highlights their talent but also brings honor to our college.



Furthermore, our team made a significant mark at the Bhavana Gangadhar Memorial State-Level Tournament, where they finished as runners-up. This state-level event is known for its high standard of play and attracts the best teams from across the state. Our players faced intense challenges and displayed remarkable resilience and sportsmanship. Their journey to the finals was filled with memorable moments, showcasing their determination and skill. Although they narrowly missed the top spot, their performance was truly commendable and has set a high standard for future competitions. These achievements reflect the dedication and hard work of our athletes and coaches. We congratulate them on their outstanding performances and look forward to their continued success in the future. Let's celebrate our team's victories and support them as they aim for even greater heights!

Celebrating Our Achievers

At Jyothy Institute of Technology, we are dedicated to nurturing the growth and development of our students. Our institution provides a supportive environment that encourages academic excellence, innovative thinking, and holistic development. We believe in recognizing and celebrating the achievements of our students through various accolades and awards. One such honor is the Achievers Award, which is bestowed upon students who excel in various fields, demonstrating exceptional talent, dedication, and hard work.

NAME	USN	CERTIFICATION
Aditya Sharma	1JT21IS002	Red Hat Certified System Administrator
Hariharan R	1JT21IS020	Red Hat Certified System Administrator
Nidhi M R	1JT21IS033	Red Hat Certified System Administrator
Nishitha S	1JT21IS036	Red Hat Certified System Administrator
Srivatsa G	1JT21IS053	Red Hat Certified System Administrator
Sudhanva N	1JT21IS056	Red Hat Certified System Administrator

NATIONAL SERVICE SCHEME ACTIVITY BY 4th SEM STUDENTS

ACTIVITY 1

- The report focuses on a recent visit to Agara government school where students were taught both formal and informal letter writing. The session aimed to enhance their communication skills, emphasizing the importance of structure, tone, and language in different types of correspondence.
- The students actively participated, showing enthusiasm and a keen interest in mastering the

art of letter writing. This initiative not only helped in improving their writing abilities but also fostered a greater understanding of the practical applications of these skills in their daily

- Another initiative at school was to teach basic grammar to students. The aim was to enhance their foundational language skills, which are crucial for their academic growth. During the sessions, students were engaged in interactive activities that made learning enjoyable and effective.

- The visit to school where basic typing skills and introductory programming were taught in the computer lab was another initiative. The initiative aimed to equip students with essential digital literacy, enabling them to type efficiently and understand fundamental programming concepts. The sessions were interactive, with hands-on practice in typing and executing simple programs, fostering an engaging learning environment. Feedback from students and teachers highlighted the need for ongoing support and resources to enhance their digital skills. The report recommends future workshops to build on this foundation, ensuring continued progress in digital education.



ACTIVITY – 2: ORIGAMI

- The report focuses on an initiative to visit a government school and engage young children in the art of origami. This activity aims to foster creativity, improve fine motor skills, and introduce the students to a new form of artistic expression.
- The session was designed to be both educational and fun, allowing the children to explore their imagination through paper folding. The report highlights the enthusiasm and participation of the students, the simplicity and accessibility of origami as an educational tool, and the potential for such activities to enhance the overall learning experience in the artwork.



ACTIVITY – 3: CLEANING

- Another activity conducted is where students from our institution were organized to visit school to assist in maintaining the school grounds. The primary activities involved cutting the overgrown grass and cleaning the surrounding areas to create a more conducive learning environment for the students.
- This effort not only aimed to improve the school's aesthetics but also fostered a sense of community service and responsibility among our students. The collaboration with the government
- school was well-received, and the efforts made a noticeable difference in the cleanliness and safety of the school grounds.



Activity 4: Pick and Speak

The primary objective of the "Pick and Speak" activity was to provide students with an opportunity to practice impromptu speaking. The activity aimed to enhance their ability to think on their feet, articulate thoughts coherently, and speak confidently in front of an audience.

- Additionally, the event sought to instill in students the importance of effective communication, a skill crucial for both academic and personal success.
- The event not only provided a platform for students to express themselves but also created an environment of mutual respect and learning. The NSS unit plans to make this activity a regular feature in the school's calendar, ensuring that every student gets the chance to participate and

grow through this enriching experience.

- The success of this event underscores the importance of such initiatives in the holistic development of students. By encouraging them to speak on diverse topics, we are preparing them to become articulate, confident, and socially conscious individuals ready to take on the challenges of the future.



Activity 5-Dance

- The primary objective of the dance activity was to showcase the cultural diversity of India and to encourage students to take part in extracurricular activities that promote physical fitness and cultural knowledge. Additionally, the event aimed to instill a sense of discipline and teamwork among the participants, as they had to work together closely to deliver a cohesive and

synchronized performance.

- The selection of music and choreography was done with great care, ensuring that the dances were both culturally rich and appealing to the audience. The volunteers were encouraged to research the history and significance of the dance forms they were performing, which added an educational aspect to the activity
- The dance activity had a significant impact on both the participants and the audience. For the NSS volunteers, it was an opportunity to develop their leadership.



Activity 6-Physical Activities

- Participating in the organization and execution of this event was a valuable learning experience. It taught us the importance of meticulous planning, teamwork, and the significance of physical fitness. The positive feedback from the students and teachers alike has encouraged us to think of innovative ways to make such events even more impactful in the future.
- Kho Kho proved to be a thrilling experience for everyone involved. The game was played in multiple rounds, allowing all participants to get a chance to showcase their skills.
- The students cheered for their teams, creating a vibrant and energetic atmosphere on the field.

The game not only tested the physical endurance of the players but also their ability to think strategically and work together as a team.

- Overall, the NSS Day was a resounding success, achieving its objectives of encouraging physical fitness, teamwork, and cultural pride. It provided students with a much-needed break from their academic routines and left them with lasting memories and a renewed appreciation for the role of physical activities in a balanced education.


- The event was well-planned, with careful attention to team formation, safety guidelines, and logistics. The games were played in a spirit of healthy competition, fostering a sense of camaraderie and unity among participants. The day served as a reminder of the value of traditional games in our culture and the importance of physical activities in maintaining overall well-being.




BRANCH TOPPERS – 2024

D K S Jahnavi was the topper student from the department of ISE department of ISE.

D K S Jahnavi was a member of the BitsNBites Club.


D K S Jahnavi		
USN: 1JT20IS010	Sem	GPA
	I	7.70
	II	8.75
	III	8.04
	IV	8.54
	V	8.56
	VI	8.71
	VII	8.60
	VII	8.50
	VIII	8.55
Cum. GPA(CGPA): 8.55		

Prerana R was the topper student from the department of ISE. Prerana R was a core member of the BitsNBites club for the position of “NAPSTER” and was also the “President” of the Rotaract Club of JIT.


PRERANA R		
USN: 1JT20IS028	Sem	GPA
	I	8.05
	II	8.95
	III	8.75
	IV	7.67
	V	8.30
	VI	8.92
	VII	8.45
	VII	9.00
	VIII	8.05
Cum. GPA(CGPA): 8.51		

BEST OUTGOING STUDENTS

Prerana R and Deepthi G were awarded the silver ring for the title of best outgoing students from the department of ISE. Prerana R was a core member of the BitsNBites club for the position of “NAPSTER” and was also the “President” of the Rotaract Club of JIT.

PRERANA R		
USN: 1JT20IS028	Sem	GPA
	I	8.05
	II	8.95
	III	8.75
	IV	7.67
	V	8.30
	VI	8.92
	VII	8.45
	VII	9.00
	VIII	8.05
Cum. GPA(CGPA): 8.51		

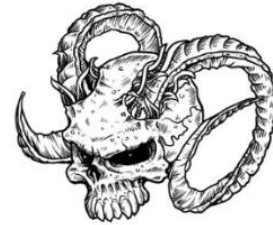
Deepthi G was a core member of the BitsNBites club for the position of “F.R.I.D.A.Y” and was also “The Sergeant in Arms” of the Rotaract Club of JIT.

DEEPTHI G		
USN:1JT20IS013	Sem	GPA
	I	7.30
	II	8.70
	III	7.46
	IV	7.63
	V	7.36
	VI	7.67
	VII	7.25
	VIII	8.67
Cum: GPA(CGPA): 7.76		

Pixel Paradigm



DARSHAN K [1JT22IS012]



GAURAV G C [1JT22IS017]



DILIP SHANKAR [1JT22IS015]



ARUNA N [1JT22IS006]



V BALAJI [1JT22IS061]



NITHAN L G [1JT22IS031]

Whispers of the Soul

ಪಂಜರದ ಗಿಳಿಗೆ
ಚಂದಿರನ ಕಳೆಬಂದು
ತುಂತುರು ಮಳೆಯಲಿ
ಕುಳಿತಿರಲು ಹೊರಬಂದು
ಬೆಳದಿಂಗಳ ತಂಗಾಳಿ ಸೋಕಿದಾಗ ಕೆನ್ನೆಗೆ
ಕಚಗುಳಿ ಇಟ್ಟುತಾಯಿತು ನನ್ನ ಮನಸಿಗೆ...

ಸೀರೆಯ ಮರೆಯಲಿ
ಕಾಲ್ಮಜ್ಜೆಯ ಸದ್ದಿಗೆ
ಕೈ-ಬಳೆಯ ಕಂಪು ಸೇರಿ
ಹಣೆಗೆ ಕುಂಕುಮ
ತಲೆಗೆ ಮಲ್ಲಿಗೆಯ ಹೂ ಮುಡಿದು
ಸೂಸಿರಲು ಚಂದದ ಪರಿಮಳ
ಆ ಕ್ಷಣ ಮನದೊಳಗೇನೂ ತಳಮಳ...

ಮೂಗೂತಿ ಸುಂದರಿ
ಮಲೆನಾಡ ಮಯೂರಿ
ಗುಳಿ ಕೆನ್ನೆಯ ಒಡತಿ
ನಗು ಮುಖದ ಗೆಳತಿ
ಮಧುರ ಮಾತಿನ ಒಲವೆ
ಮುಗ್ಧ ಮನಸಿನ ಚೆಲುವೆ
ನಿಸ್ವಾರ್ಥ ಮನಸಿನ ಸ್ವಾಭಿಮಾನಿ
ನಿಮಗೆ ನಾನಾಗಿರುವೆ ಅಭಿಮಾನಿ...

ಕರುನಾಡ ಕಣ್ಮಣಿ
ಭೂಲೋಕದ ಅರಗಿಣಿ
ಅಮ್ಮನ ಮುದ್ದಿನ ಮಹಾರಾಣಿ
ಪ್ರೀತಿ ಪಾತ್ರರಿಗೆ ಚಿನ್ನದಗಣಿ
ನಿಮ್ಮಸ್ನೇಹಕ್ಕೆ ನಾನು ಚಿರಮಣಿ

ಬಾರದಿರಲಿ ಎಂದಿಗು ನೋವು ನಿಮ್ಮ
ಬಾಳಲಿ
ಬೆಳಗಲಿ ಸದಾ ಹರ್ಷವು
ನಿಮ್ಮ ಬದುಕಲಿ..

ಒಲವೆಂಬ ಹೊತ್ತಿಗೆಯಲಿ
ನೆನಪೆಂಬ ಅಕ್ಕರ ಜೋಡಿಸಿ..
ಬದುಕೆಂಬ ಸಾಗರದಲಿ
ನಲಿವೆಂಬ ಅಕ್ಕರೆ ಕೂಡಿಸಿ..
ಹೊಸತೆಂಬ ದಾರಿಯಲಿ
ನಗುವೆಂಬ ಸಕ್ಕರೆ ಸೇರಿಸಿ..
ಮನವೆಂಬ ಮಹಲಿನಲಿ
ಮಗುವೆಂಬ ಕರೆ ಇರಿಸಿ..
ಹಳೆ ವರುಷವ ಉರುಳಿ ಕಳಿಸಿ..
ಹೊಸ ವರುಷವ ಮರಳಿ ತರಿಸಿ..
ನವ ಹರುಷವ ನವ ಭಾವದಿ ಹರಿಸಿ..
ರಸ ನಿಮಿಷವ ಹೊಸ ವರುಷಕೆ ಬೆರೆಸಿ..
ಪ್ರತಿ ದಿವಸವ ಪರಿತಪಿಸದ
ನಡೆಸಿ..ನಗಿಸಿ..ನಲಿಸಿ.. ಬಾಳೋಣ..

HARSHA KIRAN H B [1JT22IS019]

MANOJ C[1JT22IS025]

Editor's Note

Welcome to the latest edition of the ISE Department Newsletter! This edition highlights our department's achievements, innovative projects, and exciting events. From groundbreaking research in emerging technologies to hands-on workshops enhancing student skills, we continue to foster a culture of learning and innovation. We extend our gratitude to our faculty, students, and industry partners for their contributions and unwavering support. Stay connected as we explore the future of technology together!

Happy Reading!

Prof. Nandini D

Editor, ISE Department Newsletter