HOD Desk:



Dr. Rajashekar Kunabeva
Head of the Department, ISE

In today's fast-paced digital age, the discipline of Information Science and Engineering (ISE) plays a pivotal role in shaping the future of technology and innovation. As we navigate an era marked by rapid technological advancements, the need for highly skilled professionals who can harness the power of data, computing, and engineering is more critical than ever.

At the ISE department, our commitment is to nurture the next generation of engineers and innovators by providing a comprehensive, industry-aligned education that balances both theoretical knowledge and practical application. Our curriculum is designed to stay abreast of the latest developments in the field, from artificial intelligence and machine learning to cybersecurity, cloud computing, and data science. By fostering a culture of inquiry and encouraging interdisciplinary collaboration, we ensure our students are well-prepared to tackle the challenges of the digital world.

In addition to our academic programs, the department places great emphasis on research and development, encouraging both students and faculty to engage in cutting-edge projects that drive real-world impact. Through partnerships with leading industries, research institutions, and government bodies, we create opportunities for innovation that extend far beyond the classroom.

As the Head of the Department, I am incredibly proud of the strides we have made in recent years, and I am confident that the future holds even greater opportunities for growth and discovery. I invite you to explore the

exciting developments within our department and join us on this journey of innovation and excellence.

Warm regards,
Dr. Rajashekar Kunabeva
Head of the Department,
Information Science and Engineering

SKSVMACET, Lakshmeshwar

Vision and Mission of the department.

Vision

Empower rural youths to excel in the field of Information Science Engineering with focus on global needs through innovations, practical skills and ethical values to produce world class professionals.

Mission

M1: To provide teaching-learning practices that develop core competencies in Information Science Engineering to meet the industry and higher education needs.

M2: To provide innovative thinking mindset in Information Science Engineering graduates through industry collaborations.

M3: To develop Information Technology experts capable of adopting sustainable mechanisms beneficial to society.

M4: To produce information technology professionals with ethical values.

Student office bearers:

SL No	Name of the office bearers	Designation
1	Mr. Kiran Ankalakoti	Association Coordinator
2	Rohan Attigeri	President
3	Kavya Tangodi	Vice-President
4	Hasnain Md.Guttal	Treasurer
5	Harish H	General Secretary
6	Veeresh Haveri	Video/Audio

Infinite Association Activity

Report on Association Reopening Day

We the Department of ISE and ISE Department Student Association "Infinite" has conducted "Association Reopening Day" under the banner IQAC on 01st December 2023.

On the occasion of Association Reopening Day in our department we conducted colors day in our department.



Yellow Day (27/11/2023)



White Day (24/11/2023)



Association Reopening Day (01/12/2023)

Report on Kannada Kalanjali Event

INFINITE the department of Information Science and Engineering association conducted a Kannada Kalanjali event on the occasion of 'Agadi Kannada Habba – 2023' on the date 15th of December 2023 at 2:30 pm. Total of 160 students from all streams participated in this event.











Swamy Vivekanand Janma Jayanthi Event

INFINITE the department of Information Science and Engineering association, NSS, UBA and IQAC on occasion of National Youth Day-2024 conducted a "Swamy Vivekanand Janma Jayanthi" on the date 12th of January 2024 at 10:30 Am. Chief guest Shree Kiran Ram given wonderful speech on Swamy Vivekanand Life History. Principal, Heads and Faculty Members of various department, students from all streams participated in this event.






Interaction with Senior Citizens of Shanti Dham Vruddashram, Laxmeshwar.

INFINITE the department of Information Science and Engineering association, NSS, AICTE Activity and IQAC Information Science and Engineering organized “Interaction with Senior Citizens” of Shanti Dham Vruddashram, laxmeshwar. 3rd semester Students of IS&E Department participated in this event. Students interaction include ‘Past Life Journey of Senior Citizens’, ‘Health Conditions of Senior Citizens’. Students mingled with senior Citizens by various group activities.

The Students of Information Science and Engineering 3rd semester participated in the event “Interaction with Senior Citizens” of Shanti Dham Vruddashram, laxmeshwar and senior citizens shared their past life experience with our students





Parents Meeting

Department of Information Science and Engineering, organized a Parents Meeting for 3rd and 5th semester students on 24.02.2024. During the meeting Parents were informed about the Attendance Status and Academic Performance of their son/daughter.





How to Crack Interview Questions on Java

The Department of Information Science and Engineering organized a presentation on "How to Crack Interview Questions on Java?" for 3rd semester ISE students on 1st February 2024 in the ISE Department classroom. As part of this event, a quiz on the same topic was conducted, with all 3rd semester students participating. The event was coordinated by Mrs. Prathima Mahapurush.





Blind Coding Activity Report-May-2024

The Blind Coding Activity was conducted on 24th May 2024 in the ISE Department's Laboratory Room No. 5204. This activity was organized to test participants' coding skills without the use of a standard visual interface, encouraging a focus on logic and syntax. A total of 15 teams participated, showcasing their expertise in various programming languages. The event was successfully coordinated by Mr. Ravikumar B.C





Report on AICTE Activity

Department of ISE in Association with Infinite & Electoral Literacy Club jointly organized AICTE activity on Election Awareness Program on 23rd November 2023. All 7th sem ISE students helped first year students in registering their names in Electoral list for new Voter ID through Voters Helpline App.





Social Awareness Program on Maintaining Cleanliness

The 8th semester students of the Department of ISE conducted a "Social Awareness Program on Maintaining Cleanliness" at the Government Hospital in Lakshmeshwar under the banner of the AICTE Activity Program on 16th April 2024.





Project Exhibition 2023-24

The Department of ISE at Smt. Kamala and Sri Venkappa M Agadi College of Engineering and Technology, Lakshmeshwar, organized a Project Exhibition on 9th May 2024, from 10:00 AM to 1:00 PM. The event, headed by Mrs. Prathima Mahapurush, Project Coordinator, was inaugurated by Dr. Parashuram Baraki, Principal of SKSVMACET, and saw participation from a total of nine project batches. All semester students benefited from this exhibition.






Winners of the Exhibition:

Batch No	USN	Name	Project Title	Project Guide	Total Marks (100)
1	2KA20IS001	ARATI B	Krishi Mitra Farming with a Smart Irrigation and crop sowing using IOT and ML	Mrs. Prathima M	1st Place
	2KA20IS014	KAVYA T			
	2KA20IS037	VEERESH HAVERI			
	2KA20IS028	SANJANA PATIL			
2	2KA20IS007	ANUSHA.S. GADDI	Prediction of Heart Disease using Retinal Images	Dr. Rajashekhar K	2nd Place
	2KA20IS009	DHANVANTRI.D. KULKARNI			
	2KA20IS032	SUKRUTA.THOGARCHETI			
	2KA21IS400	SUNITA TOTKAR			

Student Best Projects

Project Selected For KSCST 47th Series of Student Project Programme

Sl.No	Student Name	Title of the Project	Sanctioned Amount	Guide Name
1	Ms. LAXMI PATIL Ms. AISHWARYA NERTI Ms. CHAITRA MADNUR Ms. VARSHA AILI	PREDICTION OF SOLAR POWER GENERATION USING NWP AND MACHINE LEARNING	5,000/-	Mrs. Prathima Mahapurush

Best Project 2023-24

Batch No	USN	Name	Project Title	Project Guide
1	2KA20IS001	ARATI B	Krishi Mitra Farming with a Smart Irrigation and crop sowing using IOT and ML	Mrs. Prathima Mahapurush
	2KA20IS014	KAVYA T		
	2KA20IS037	VEERESH HAVERI		
	2KA20IS028	SANJANA PATIL		
2	2KA20IS007	ANUSHA.S. GADDI	Prediction of Heart Disease using Retinal Images	Dr. Rajashekhar K
	2KA20IS009	DHANVANTRI.D. KULKARNI		
	2KA20IS032	SUKRUTA.THOGARCHETI		
	2KA21IS400	SUNITA TOTKAR		

FDP/workshops/conferences/webinar attended by staff members.

- Dr. Rajashekhar K Presented a paper titled **Impact of on-node Adaptive Compressive Sensing technique on performance of SIMPLE and M-ATTEMPT routing protocols in WBAN** in First International Conference on Multi-disciplinary Research Trends on Engineering and Research (ICMRTET-2024) held at SKSVMACET, Lakshmeshwar.
- Dr. ShivrajKumar Hiremath Attended FDP on Cloud Practitioner (AWS) at REC, Hulkoti from 03-03-2024 to 06-03-2024.
- Mr. Shambulingappa H S from Smt. Kamala and Sri Venkappa M Agadi College of Engineering and Technology, Lakshmishwar has participated and successfully completed the 3-day Face-to-Face FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at Vidyavardhaka College of Engineering, Mysuru from 7th September to 9th September 2023.
- Ms Kavita G Attended FDP on ON "RECENT TRENDS IN ENVIRONMENTAL ENGINEERING" at SKSVMACET, Laxmeshwar From 21/11/2023 24/11/2023.
- Ms Kavita G Attended workshop At SKSVMACET ON ENTERPRENEURSHIP SKILL From 26/12/2023 to 27/12/2023.

Seminar/Talks delivered.

- Dr. Rajashekhar K Invited talk on **Signal Processing** for five days National FDP on **Emerging Trends in signal Processing, Image Processing and Artificial Intelligence** on 13.9.2023
- Mr. shambhulingappa H S As a resource Person Presented one day Technical Seminar on **"Artificial Intelligence and Machine Learning"** on 01-03-2024. At CB Kolli Polytechnic, Haveri.

PhD /research center updates.

Sl. No	Faculty Name	Status	Specialization	Journals published
1	Dr. Rajashekar Kunabeva	Awarded	Signal Processing	17
2	Dr. Shivarajkumar Hiremath	Awarded	Cloud computing	03
3	Mr. Ravikumar Kodadal	On-going	Image Processing	01

NPTEL course done by students/ Staffs.

- Srusti Havanur(2KA22IS056) studying in 4th semester ISE got NPTEL Certification in Soft Skill Development.
- Vidya Patil (2KA22IS063) studying in 4th semester ISE got NPTEL Certification in Java Programming.

Publications:

- Vivek T. Patil, Dr Prashanta G. R, **Dr. Rajashekar Kunabeva**, "**Design & Development of Hybrid Algorithms for Glaucoma Detection in Humans–using Multi-Stage Discrete Wavelet Transform (3 Levels) & Principal Component Analysis**", Journal of Basic Science Engineering (Q3), Vol. 21, No. 1, July 2024, ISSN: 1005-0930, https://doie.org/10.0824/Jbse.2024333413

- Vivek T. Patil, Dr Prashanta G. R, **Dr. Rajashekar Kunabeva**, **"Design & development of hybrid algorithms for glaucoma detection in humans–using local binary pattern (LBP) & the local multi-level binary pattern (LMBP)",** Journal of Basic Science Engineering (Q3), Vol. 21, No. 1, Aug 2024, ISSN: 1005-0930, https://doie.org/10.0824/Jbse.2024877383

- Shashidhar PK, Thanuja TC, **Kunabeva R** (2024), "**Adaptive RPL Routing Optimization Mode for Multimedia Data Transmission using IOT",** Indian

Journal of Science and Technology ,17(5): 436-450, ISSN: 0974-5645, https://doi.org/10.17485/IJST/v17i5.2627

- Dr. ShivarajKumar Hiremath published User Centric Auditing System for Cloud Data Security with Privacy Preserving and Data Dynamics", Advanced Engineering Science", Volume 56, Issue 4, pp. 4591-4611, April 2024. ISSN 2096-3246.

- Dr. ShivarajKumar Hiremath published An Effective Auditing Framework to Confirm Data Confidentiality and Integrity in Cloud Data Storage", Journal of Basic Science and Engineering", Volume 21, No.1, June 2024 , pp.429-438, ISSN: 1005-0930

Patents Published

- Dr. Rajashekhar K published on **14/06/2024** byIndian Patent Office **Safe guarding Power Grids with fault-tolerant monitoring and control,** Application No.202421037082.
- Dr. Rajashekhar K published on **31/05/2024** by Indian Patent Office **Advancing Electric Mobility with smart grid -integrated charging Solutions**, Application No.202421035965.

Book Published

- Dr. Rajashekhar K Co-authored of book titled Electric and Hybrid Vehicles and published on 06.08.2024 with ISBN:978-93-341-0568-1

Staff Recognitions and awards.

- Convener of Global Fusion: First International Conference on Multi-disciplinary Research Trends on Engineering and Research (ICMRTET-2024) held at SKSVMACET, Lakshmeshwar.
- **Mr.Shashidhar P K** was awarded **Ph.D** by VTU, Belagavi on 05.09.2024 under the guidance of Dr. Rajashekar Kunabeva.

- Mr. ShivarajKumar Hiremath Completed Ph.D. in Computer and Information Sciences, thesis entitled "An Approach to Enhance Data Integrity Techniques for Cloud Data Storage Security" on 26.08.2024.
- **Certificate of excellence** as peer-reviewer for outstanding contribution to the quality of book by BP International, India & UK on 27.02.2024
- Mrs. Prathima Mahapurush Received sponsorship from the Karnataka State Council for Science and Technology (KSCST),Bangalore for the final year guided student project entitled "Prediction of Solar Power Generation Using NWP and Machine Learning " in 2023-24
  (Project Proposal Reference No.: 47S_BE_2898 Sanctioned Amount: Rs.5000/-)
- Mrs. Prathima Mahapurush, under the guidance of the project, has been selected for the **Best Project** award for her project titled "Krishi Mitra: Farming with Smart Irrigation and Crop Sowing using IoT and ML", under the banner of **IIC** and **IQAC**, SKSVMACET.

Accomplishments from students (Recognitions and awards).

- Mr. Veeresh Haveri (2KA20IS037), Ms. Aarathi Jayaprakash Budihal (2KA20IS001), Ms. Kavya Virupakshappa Tangodi (2KA20IS014), Ms. Sanjana S Patil (2KA20IS028) Presented a paper titled **Krishi Mitra Farming with Smart Irrigation and Crop Sowing Using Iot and ML** in in First International Conference on Multi-disciplinary Research Trends on Engineering and Research (ICMRTET-2024) held at SKSVMACET, Lakshmeshwar, under the Guidance of Mrs. Prathima Mahapurush

Student Scholarships 2023-24:

Sl No	Name of the scholarship	Beneficiaries
1	KVA merit Scholarship	Ganga Devendrappa Havalad I semester ISE
2	SKSVMA Teachers scholarships	KasturiPatil V Sem ISE
3	N.K.Makkar Scholarships	Basavaraj M Shirahatti(I Sem ISE)
4	Mike Lee Scholarship	Spoorti.Talwar (I sem ISE)

Semester Result analysis.

Toppers List 2023-24 – ODD

Toppers List –VTU Examinations (AY 2023-24 ODD Semester)

Rank	3rd Semester	5th Semester	7th Semester
1	Apoorva Chandrapattan 2KA22IS005 90.22%	Chandana R-2KA21IS010-84.00% Swati S Bhat-2KA21IS055-84.00%	Kavya V - 2KA20IS014 - 87.14%
2	Varuni Bennur 2KA22IS062 89.56%	Divya H-2KA21IS015-83.13%	Pallavi Prakash Abbigeri - 2KA20IS023 – 86.14% Sahana B Muli - 2KA20IS038 -86.14%
3	Sushma Basavaraj Madivalar 2KA22IS058 88.89%	Kaivalya S-2KA21IS019-83.00% Keerti Y-2KA21IS023-83.00%	Laxmi Rajendra Savadatti -2KA20IS017 - 85.57%
Result	**64.17%**	**83.07%**	**100%**

Toppers List –VTU Examinations (AY 2023-24 EVEN Semester)

Rank	4th Semester	6th Semester	8th Semester
1	Varuni Bennur - 2KA22IS062 - 87.33%	Keerti Y Pyati - 2KA21IS023 - 91.00%	Dhanvantri D Kulkarni - 2KA20IS009 – 91%
2	Sushma B Madivalar - 2KA22IS058 - 86.44%	Swati S Bhat - 2KA21IS055 - 89.50%	Nivedita Ashok Malagimani - 2KA20IS022 - 89.20%
3	Shashank Patil - 2KA22IS047 - 86.22%	Swati Menasagi - 2KA21IS054 - 88.63%	Sahana B Mulli - 2KA20IS038 -88.80%
Result	**72.72%**	**92.30%**	**100%**

Placement Details

Students Placement: AY 2023-24

Sl. No	Student Name	USN	Company	Package	Photo
1	Laxmi Rajendra Savadatti	2KA19IS045	Rapid View Technology, Hubli	N/A	
2	Sneha Kamatar	2KA19IS037	Tata Consultancy Services, Bangalore	N/A	
3	Geeta Kesaralli	2KA19IS009	Accord Global Technologies Solutions Pvt. Ltd, Bangalore	N/A	
4	Shreya Bhat	2KA19IS034	Accord Global Technologies Solutions Pvt. Ltd, Bangalore	4.2 LPA	
5	Shreyanka Kamadhenu	2KA19IS035	Accord Global Technologies Solutions Pvt. Ltd, Bangalore	4.2 LPA	
6	Anjali S	2KA19IS002	dhiOmics Analytics Solutions Pvt. Ltd	4.2 LPA	
7	Srinidhi Kulkarni	2KA19IS036	dhiOmics Analytics Solutions Pvt. Ltd & Accord Global Technologies Solutions Pvt. Ltd, Bangalore	4.2 LPA	