

**Smt Kamala & Sri Venkappa M Agadi College of Engineering & Technology,  
Lakshmeshwar  
Department of Information Science and Engineering**

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**ISE NEWS LETTER (ODD-EVEN 2018-19)**

**1. SPECIALIZATION:** Department of Information Science and Engineering students will have the opportunity to pursue specialization in anyone of the following fields:

- Data Mining
- Software Engineering
- Computer Networking
- Software Testing
- Cyber Security
- Design Apps and Websites.
- Mobile Computing
- User Interface Design

**2. PROGRAM OVERVIEW:**

Information science is primarily concerned with the analysis, collection, classification, manipulation, storage, retrieval, movement, dissemination, and protection of information. Student will be able to apply mathematical methodologies in modeling real world problems for the development of software applications using algorithms, data structures and programming tools. ISE professional can develop code for business transaction processing systems, client/server systems or end-user support systems; they can implement such systems in languages like C, C++, C#, Python or JAVA. ISE graduates also design and administer databases and data warehouses, analyze and implement enterprise-wide solutions to information problems and manage telecommunications efforts. Also, ISE graduates implement and manage corporate-wide intranets. ISE graduates can also provide project management skills, technical writing or training by applying their knowledge of information technology and business processes.

**3. ACADEMIC FRAMEWORK**

ISE program is recognized by AICTE and affiliated to VTU with current intake of 60 students. Program curriculum is adhering to the Visvesvaraya Technological University (VTU). VTU revises the syllabus periodically to accommodate the changing needs of the industry. ISE program focuses on the design of technological information systems including computing systems, as solutions to business, research data and communication support needs. It comprises instruction in the principles of computer hardware and software. Our curriculum lays intensive focus on

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- Computer Programming and Problem Solving
- Data Structures
- Database Management Systems
- Object Oriented Programming
- Software Engineering
- Computer Networks
- Cryptography and Information Security
- Algorithm Design and Analysis
- Data Warehousing and Data Mining
- Operating Systems
- Cloud Computing
- Storage Area Networks

#### **4. BEST PRACTICES IMPLEMENTED**

Some of the best practices used by ISE program are

- Demonstration of Projects
- Animations and Presentations.
- Think-pair-share, Group activity, Mentoring Students.
- Quiz, Guest Lectures, Workshops, On-line resources (NPTEL, Coursera, MOOC etc)
- Student feedback system on Academic and Non-Academic Reforms,
- Internships, Activities through student association-INFINITE.
- Encouraging the faculty to upgrade their knowledge and skills through Faculty Development Programs.
- Awards to meritorious students & Best Outgoing student.

#### **5. LEARNING OUTCOME**

The program's student outcomes prepare graduates to enter the professional practice of engineering. Student outcomes in the ISE program are as follows:

1. Ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
2. Ability to understand the subject related concepts and of contemporary issues and design thinking capability.

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3. Ability to be socially intelligent and communicate effectively with a range of audiences.
4. Ability to solve social issues and engineering problems
5. Having interest in lifelong learning
6. Ability to use techniques, skills and modern engineering tools necessary for engineering practice
7. Ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
9. Ability to work effectively in a team, create collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
10. Ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

## **6. CAREER OPPORTUNITIES**

Information Science and Engineering Graduates can expect professional career opportunities in IT and other allied industries in the areas such as

- Data /System analysis
- Design, development, support, mobile and distributed application development.
- Web/e-commerce development.
- Database administration
- Computer hardware, Networking
- Education and training.

## **7. STUDENTS STRENGTH**

Sl.No.	Year	Student Strength
1	I	49
2	II	39
3	III	32
4	IV	64

## **8. ACADEMIC TOPPERS**

### **ODD SEMESTER 2018-19**

Rank	1 <sup>st</sup> Semester	3 <sup>rd</sup> Semester	5 <sup>th</sup> Semester	7 <sup>th</sup> Semester
1 <sup>st</sup>	Indira D (81%)	Ms Sahana H (72.5%)	Ms Shriraksha K (71%)	Ms. Soumya S (77.9%)

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2 <sup>nd</sup>	Namrata S (75.5%)	Ms Madhu M (71.1%)	Ms Prashanth H (69.8%)	Ms Akshata K M (74.6%)
3 <sup>rd</sup>	Shreeraksha M (73.5%)	Ms Rajeshwari Y (66.8)	( 67.1)	Ms Ranjita V K (70.8%)

**EVEN SEMESTER 2018-19**

Rank	2 <sup>nd</sup> Semester	4 <sup>th</sup> Semester	6 <sup>th</sup> Semester	8 <sup>th</sup> Semester
1 <sup>st</sup>	Indira D (80.5%)	Ms Madhu M (74.40%)	Ms Shiraksha K (74.0%)	Ms. Soumya S (83.5%)
2 <sup>nd</sup>	Shreeraksha M (74.5%)	Ms Sahana K H (74%)	Ms Vinuta N (72.88%)	Ms. Rekha K (79.5%)
3 <sup>rd</sup>	Brunda S (72%)	Ms Gouri B ( 68%)	Ms Usha B (72.88%)	Ms. Aishwarya NP(78%) Ms Akshata K M(78%)

**9. DEPARTMENT EVENTS**

**ODD SEMESTER**

**1. ASSOCIATION REOPENING FUNCTION ( 11-09-2018)**

ISE department has organized association reopening function and Mr. Dusmant Kumar Pati (Co-Founder, TraWello.in, Bangalore) invited as Chief Guest. On this occasion Mr. Dusmant Kumar Pati has given a talk on "Millennial Students" to all students of ISE department students.

Event Coordinator- Mr. Mahaling Salimath

**2. WORKSHOP ON “INTRODUCTION TO PYTHON PROGRAMMING” (28-09-2018)**

Mr. Mahaling Salimath has conducted one day workshop on “Introduction to Python Programming –Hands on” for 3<sup>rd</sup> semester ISE students. Total 30 students actively participated in workshop.

Event Coordinator- Mr. Mahaling Salimath

**3. WORKSHOP ON “WEB TECHNOLOGY” (29-09-2018)**

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Mrs. Pavana Baligar has conducted one day workshop on “Web Technology –Hands on” for 3<sup>rd</sup> semester and 7<sup>th</sup> semester ISE students. Total 30 students actively participated in workshop.

Event Coordinator- Ms. Pavana Baligar

**4. WORKSHOP ON “IOT APPLICATIONS USING PYTHON” (03-10-2018)**

Department of Information Science and SDEC in association with Infinite conducted one day workshop on “IOT applications using Python –Hands on” for 3<sup>rd</sup> semester and 5<sup>th</sup> semester ISE students. Total 35 students actively participated in workshop.

**Resource Person: Mr. Chandan Purohit, CEO, Satvik Softech, Hubballi.**

Event Coordinator- Mr. Bhargav H K

**5. WORKSHOP ON “CIRCUIT DESIGNING USING LOGISIM” (12-10-2018)**

Mrs. Prathima Mahapurush in association with Infinite SDEC conducted one day workshop on “Circuit designing using Logisim –Hands on” for 3<sup>rd</sup> semester ISE students. Total 30 students actively participated in workshop.

Event Coordinator- Mrs. Pratima Mahapurush.

**6. WORKSHOP ON “DATABASE APPLICATION DEVELOPMENT” (19-10-2018)**

Mr. Shivaraj Hiremath in association with Infinite SDEC has conducted one day hands on workshop on “Database Application Development” for 5<sup>th</sup> semester ISE students. Total 40 students actively participated in workshop.

Event Coordinator- Mr. Shivaraj Hiremath

**7. RASHTRIYA EKTA DIWAS ( 31-10-2018)**

Department of ISE in association with infinite family conducted “Rashtriya Ekta Diwas”. On this occasion Students & staff have taken pledge on Rashtriya Ekta Diwas and conducted speech & essay competition for the students.

Event Coordinator- Mr. Mahaling Salimath

**EVEN SEMESTER**

**1. WORKSHOP ON “IOT”( 25- 02-19 TO 26-02-19)**

Department of ISE with infinite family conducted “Two Days Hands-On Workshop on IOT” by Mr. AnshulVerma, fromGeekslab Technologies Pvt. Ltd. in association with AIESEC, IIT-Delhi. Total 63 participants registered for the workshop 15 from other

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college (KLEIT Hubbli) and 48 from SKSVMACET including ISE, CSE, ECE branch Students.

Event Coordinator- Mrs. Prathima Mahapurush.

**2. RANG BARSE ( 22-05-2019)**

Department of Information Science and Engineering in association with INFINITE family organized the “Rang Barse” as a pre-Holi event. This event is organized to bring harmony among students & staff members & celebrate our traditional culture.

Event Coordinator- Mr. Mahaling Salimath, Ms. Rajeshwari Banni

**3. CRICKET MANIA ( 27-04-2019)**

Department of ISE in association with INFINITE family organized the cricket competition on 27<sup>th</sup> April for the students of our college and other colleges.

Event Coordinator- Mr. Mahaling Salimath.

**4. TECH WIZARD ( 27-04-2019)**

Department of ISE in association with INFINITE family organized the coding competition on 27<sup>th</sup> April for the students of our college and other colleges.

Event Coordinator: Mr. Shivaraj Hiremath.

**5. HASTA-LA-VISTA ( 22-05- 2019)**

Department of Information Science and Engineering in association with INFINITE family organized the Farewell function “Hasta-La-Vista” for the outgoing students. ISE alumni Ms. Apoorva Sindhur addressed & motivated the students.

Event Coordinator- Mr. Mahaling Salimath

**10. STUDENTS ACHIEVEMENTS**

1. Mr. Adarsh Ballary participated in Alexathon- 24 hours Amazon’s Alexa workshop & Hackathon at Makers Lab, Hubli on 17<sup>th</sup> & 18<sup>th</sup> Aug 2018.
2. Three students of ISE, Ms. Soumya Shinde, Ms. Meghana Patil & Ms. Sahana Nadar selected for the Primus Software internship.
3. Our 5<sup>th</sup> Sem students Mr. Adarsh Ballary & Ms. Nikita Divate have given a seminar on “PCB designing & Basics of IOT” for 5<sup>th</sup> sem students on 3<sup>rd</sup> Oct 2018.

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4. On 20<sup>th</sup> March 2019, two final year students' projects KISAN SAHAYAK YANTRA and ROBO 3.0 got selected for Financial Assistance from VTU, Belagavi for the AY 2018-19.
5. Ms. Arpita Patil, Ms. MeghaUppin, Ms. Aishwaray Patil, & Ms. Swetha Patil of 8<sup>th</sup>sem published a paper entitled “ ParasharaKrushiSaphallya” in international Journal of Innovative Science & Research Technology. Volume 4, issue 5, in May 2019.
6. 6<sup>th</sup>sem student Ms. Rashmi Benni got second place in FUELTHON coding competition, with Cash Prize of Rs. 10,000/- in APJ Kalam Fuel Fellows Convocation with Leadership Awards and Future Skills Conclave at Hubli on 2<sup>nd</sup> June 2019

**11. STAFF ACHIEVEMENTS**

1. Mr. Bhargav H K received “Kannada Sevaratna” award from Kannada Sahitya Parishath, Bangalore on 30<sup>th</sup> Sept 2018.
2. Mr. Mahaling S, Ms. Pavana B, & Ms. Rajeshwari Banni visited V M Baligar P U College, Shigli on 6<sup>th</sup> Oct 2018, & given a session on “Career Guidance for the PU students.
3. Mr. Shivaraj Hiremath presented a paper entitled “Ensuring Cloud Data Security using Public Auditing with Privacy Preserving” in IEEE 3<sup>rd</sup>International Conference on Communication and Electronics Systems(ICCES-2018), Coimbatore, India,October2018.
4. Mr. Bharagav H K published a research paper on “A comprehensive Review of text recognition from Kannada handwritten documents” in international conference on Chip, circuitry, Current, Coding, Combustion & composites- i7c-2018 at Sri Sai Ram College of Engineering, Bangalore on 28<sup>th</sup> & 29<sup>th</sup> Nov 2018.
5. Mr. Bharagav H K published a research paper on “Paragraph Segmentation of Kannada Handwritten documents with Skewed content” in international conference on Chip , circuitry, Current, Coding, Combustion & composites- i7c-2018 at Sri Sai Ram College of Engineering, Bangalore on 28<sup>th</sup> & 29<sup>th</sup> Nov 2018.
6. Mr. Bhargav H K coordinated placement drive at Qspider Bangalore on 11<sup>th</sup> to 12<sup>th</sup> March 2019
7. Ms. RajeshwariBanni published a paper entitled “ Parashara Krushi Saphallya” in

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international Journal of Innovative Science & Research Technology. Volume 4, issue 5, in May 2019.

8. With all technical staff Mr. Ravikumar Kodadal as a chief IT coordinator conducted COMDEK UGET on 12<sup>th</sup> May 2019 in CSE/ISE dept.
9. Mr. Ravikumar K, Mr. Shivaraj Hiremath, & Mrs. Pratima M received certificate from IIT Bombay in June 2019 on successful completion of AICTE approved FDP on Foundation Program in ICT for Education.

**12. STUDENT TRAININGS**

1. Total 57 students of 6<sup>th</sup>sem attended a workshop on “Artificial Intelligency & Machine Learning” conducted by the Fuel team from 2<sup>nd</sup> to 5<sup>th</sup> April 2019
2. Total 11 students of ISE have participated in APJ Kalam Fuel Fellows Convocation with Leadership Awards and Future Skills Conclave at HSBC Software Development India Pvt Ltd, Kalyani Nagar, Pune. 14<sup>th</sup> April 2019.
3. Total five students attended TEQIP workshop on Entrepreneurship from 3<sup>rd</sup> to 5<sup>th</sup> May 2019.
4. Total 45 students of ISE attended “APJ Kalam FUEL Fellows Convocation” at Hubli on 2<sup>nd</sup> June 2019.

**13. STAFF TRAININGS**

1. Mr. Ravikumar Kodadal, Mr. Shivaraj Hiremath, Mrs. Pratima Mahapurush attended “2 weeks Foundation program on ICT in Education” conducted by the IIT Mumbai at SKSVMACET, Laxmeshwar from 13<sup>rd</sup> Sep - 21<sup>st</sup> Oct 2018.
2. Mr. MahalingSalimath attended the FDP on “Outcome Based Education & Blooms taxonomy” which was held at KLECET, Chikodi from 21<sup>st</sup> to 26<sup>th</sup> Jan 2019.
3. Mr. Naveen Kulkarni attended Infosys Placement officers meet at KLEIT, Hubli on 3<sup>rd</sup> June 2019.
4. Mr. Bhargav H K attended FDP on “Research Avenues in Information Technology” at BEC Bagalkot from 3<sup>rd</sup> to 7<sup>th</sup> June 2019.
5. Mr. Naveen Kulkarni attended 3 days FDP on Students Induction at VTU Belagavi from 24<sup>th</sup> to 26<sup>th</sup> June 2019.



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**14. PLACEMENT DETAILS**

ISE Students Placed for the academic year 2018-2019

SN	Student Name	Branch	USN	Company Name
1	Akshata Kulkarni	ISE	2KA14IS006	CareerPrime, Mysuru
2	SoumyaShinde	ISE	2KA15IS039	TCS, Tech Fortune, Bengaluru
4	RavikumarPattanshetti	ISE	2KA15IS027	TCS Bengaluru, Alpha 9 Marine Services Pvt. Ltd, Cognizant, Bengaluru
5	AmoghShivanachi	ISE	2KA14IS010	Alpha 9 Marine Services Pvt. Ltd
6	Nagaraj Dodamani	ISE	2KA15IS020	Alpha 9 Marine Services Pvt. Ltd
9	Vageesh Deshpande	ISE	2KA15IS040	Tapplent Technologies Pvt. Ltd, Mphasis, Bengaluru
11	Ranjita V K	ISE	2KA15IS026	Qspiders, Bengaluru
12	Kunal H	ISE	2KA14IS021	Nandee Networks, Bengaluru, CorpIT Academia, Bengaluru
13	Sachin S H	ISE	2KA14IS038	Nandee Networks, Bengaluru, Hinduja Global Solutions Ltd, Mysore
15	Rohan Navale	ISE	2KA15IS029	Hinduja Global Solutions Ltd, Mysuru
16	Megha S B	ISE	2KA15IS019	Hinduja Global Solutions Ltd, Mysuru, BuziBrAIns, Bengaluru
17	Sahana D G	ISE	2KA15IS030	Hinduja Global Solutions Ltd, Mysuru, CorpIT Academia, Bengaluru
18	Shweta Patil	ISE	2KA15IS037	Hinduja Global Solutions Ltd, Mysuru

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19	Shilpa G Mekki	ISE	2KA15IS034	Hinduja Global Solutions Ltd, Mysuru
20	Megha G Uppin	ISE	2KA15IS017	Hinduja Global Solutions Ltd, Mysuru
21	Arpita M patil	ISE	2KA15IS005	Hinduja Global Solutions Ltd, Mysuru
22	VaishnaviGudi	ISE	2KA14IS047	Hinduja Global Solutions Ltd, Mysuru, CorpIT Academia, Bengaluru
23	ChetanaChandrashekar Hiremath	ISE	2KA15IS007	Hinduja Global Solutions Ltd, Mysuru
24	AkshataKishor Mane	ISE	2KA15IS002	Hinduja Global Solutions Ltd, Mysuru, CorpIT Academia, Bengaluru
25	Kushal Hiremath	ISE	2KA14IS022	Hinduja Global Solutions Ltd, Mysuru, BuziBrAIns, Bengaluru
26	Diksha M Shettar	ISE	2KA14IS016	Hinduja Global Solutions Ltd, Mysuru, CorpIT Academia, Bengaluru