



PRINCIPAL'S MESSAGE



It gives me an immense pleasure to instigate the first edition of the biannual news letter "NEWS@ISE" published by the Department of Information Science and Engineering. The Team-ISE is innovative and always strives hard for initiation of student and faculty development programs, other co-curricular activities with competence, commitment and team work. I congratulate the members of the editorial team, both faculty and students who helped in the materializing of the first issue. I wish the team all the best.

EDITORIAL

It is with immense pleasure that we bring the first issue of the News@ISE, newsletter of ISE. The newsletter highlights the activities and achievements of the faculty and students, here at ISE, during the period July 2015 – December 2015. The objective of this newsletter is to highlight the achievements of the faculty and students which encourages and motivates them to thrive more. We are thankful to the team at ISE for their valuable suggestions.

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JSS MAHAVIDYAPEETHA



Sri Suttur Veerasimhasana Mahasamsthana Math, vibrantly known as Suttur Math founded 1,000 years ago by Sri Adi Jagadguru Shivarathreeshwara Shivayogigalu. Sri Jagadguru Veerasimhasana Suttur Math, with a history of more than ten centuries is a multi-dimensional spiritual institution of the Veerashaiva community that has contributed immensely to the cause of advancement of society. The welfare activities of the Math transcend the sectarian limits of the Veerashaiva community and encompass a much wider and larger following of all the sections of Indian society. Sri Suttur Veerasimhasana Math can aptly be described as an active ongoing movement to uphold the cause of social and economic justice. No wonder today, the Math's activities have spread far beyond Suttur, a small region on the banks of the river Kapila in Karnataka to touch the lives of millions around and beyond the boundaries of the nation. Its administrative head-quarters located at the foot of the picturesque Chamundi Hills, Mysore, Sri Suttur Veerasimhasana Math is today recognized as a major mission, and the activities of the Math have drawn accolades from various quarters. The 23rd pontiff Rajaguru Tilaka Dr. Sri Shivarathri Rajendra Mahaswamigalu with the utmost sincerity established JSS Mahavidyapeetha to spread the tentacles of education through the length and breadth of the country. He is a proponent to say "Ignorance is the root of all evils in the society and education is the sovereign remedy.

Jagadguru Sri Shivarathreeshwara Mahavidyapeetha (JSSMVP), founded in 1954 by Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji is an off shoot of Sri Suttur Math. The objective of JSSMVP is to spread education among the rural people and society in large. What began in 1928 as a small hostel for poor students pursuing higher studies in Mysore, has today grown to be a gigantic educational movement. JSS Mahavidyapeetha never had a moment to look back and proceeded on a spree of establishing more than 320 institutions across the country and overseas. Spear heading the Maths education initiatives, JSS Mahavidyapeetha has established a Medical College, Four Engineering Colleges including SJCE at Mysore, JSS Academy of Technical Education at Bengaluru, Noida and in Mauritius, apart from Colleges in Law & Pharmacy, Polytechnics, public schools, regular schools and colleges.

A vision of JSS Mahavidyapeetha under the guidance, inspiration and leadership of Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the 24th Pontiff and the President of JSS Mahavidyapeetha has reached Himalayan heights, organizing and running more than 320 institutions from Nurseries, schools Polytechnics, Colleges offering Graduate, Post Graduate, Post Doctoral Courses in Arts, Commerce, Science, Law, Engineering, Medical Sciences and other Faculties including an exclusive polytechnic for differently abled and a women polytechnic. Name any sphere of education that has relevance, is found under the aegis of JSS Mahavidyapeetha. There are about 60,000 students enrolled in the various institutions of the Vidyapeetha with more than 12,000 employees. The Vidyapeetha can easily be described as one of the largest education provider as well as employer in the region. Today, JSS Mahavidyapeetha is serving society not only through its rural development and spiritual mission but also educational institutions. JSS Academy of Technical Education, popularly known as **JSSATE** was founded in 1997 is an integral part of JSS Mahavidyapeetha.

JSSATE, Bengaluru

JSS Academy of Technical Education (JSSATE) was established in the year 1997 at Bengaluru and is under the umbrella of JSS Mahavidyapeetha, Mysuru. JSSATE is the result of the vision of our President, His Holiness Jagadaguru Sri Shivarathri Deshikendra Mahaswamiji to proactively participate in establishing a world class Institution for Technical Education. The Campus is located in a sprawling 21.17 acres land surrounded by lush green plantation on the South-Western edge of Bengaluru City. Institution is affiliated to Visvesvaraya Technological University (VTU), Belagavi, India. JSSATE, Bengaluru has an excellent infrastructure with the state-of-the art equipment and machinery as laboratory facilities. The Institution has spacious classrooms and the laboratories. The whole building is networked and has centralized browsing facility with 20 Mbps dedicated internet bandwidth. Entire college has Wi-Fi facility. The Institute has highly qualified faculty. The Institute has initiated number of multi-disciplinary and multi-Institutional R&D programmes with AICTE, DST and other departments. Under the R & D activity, the Institute has taken up the design and fabrication of BIODiesel plant in collaboration with an industry and it is sponsored by Department of Science & Technology (DST), Government of India. This was recognized as one of the best completed project and same is being replicated in different states. The Institute has a centralized library with open access facility for students. The Institute Digital library has on-line access to International journals. Book bank facility is available for students.



Department of Information Science and Engineering

The Department is headed by Mrs. M.L Chayadevi B.E., M.Tech.(PhD).

The Department of Information Science and Engineering was started in the year 1999. The Department has current intake of 90 and is in the process of empowering students for global environment with Outcome Based Education system (OBEs) to meet the global competence and aims to emerge as a centre for achieving academic excellence in the field of Information Science and Technology. The Department was accredited by NBA-AICTE in 2007 for three years.

The Department comprises of excellent infrastructure with well equipped Laboratories, Class rooms and Departmental Library. LCD projectors are available for presenting the lectures in all the class rooms. The department is having a good collection of library books, Journals, Magazines, CD's, Project Reports, Laboratory Manuals, question banks etc.

The Student forum SAMYOG is solely for the benefit of student community. The students actively take part in the co-curricular activities like project presentations, paper presentations, poster presentations, coding, debugging etc., and extra-curricular events like NSS, sports, college fest, and in the preparation of technical magazine and newsletters. The students of the department have recorded good performance in competitive examinations such as GATE, GRE, GMAT, TOEFEL, CAT, PG CET etc. Students are also volunteers to their own events like YODHA, Book_borrow.com, bookbeka.com, medical camps like blood donation camps, eye testing camps, dental camps and Ayurvedic camps.

The graduates of ISE are ready for Multidisciplinary sectors for placements, higher studies & Entrepreneurial ventures, since the ISE curriculum caters to the societal projects. An industry interaction is established through Internships, sponsored projects & industrial visits. Invited lecturers, workshops, seminars and webinars are also organized on a regular basis in emerging technologies from experts of industries and institutions. Further most of the faculties and students also won the best paper awards, the best poster awards, the best project awards in National / International conferences held across the globe. Our faculties and students are also members of professional societies like ISTE, CSI & IEEE etc.

Soft-skill programmes are conducted through the placement cell for the overall personality development of the student. Most of our students are well placed in fortune 500 companies. Top companies such as Wipro, Infosys, HP, CTS, TCS, Tech-Mahindra, Accenture and Yokogawa etc have shown keen interest in absorbing our students as a testament to the

quality of education imparted by the department. Many of our students have published and presented their research papers in reputed National/ International Journals and Conferences. Many of our Alumni joined MS programmes in the leading and reputed Universities across the globe. Under the R & D activity, RPS project has been taken up by the department and successfully completed. Furthermore project proposals are in pipeline.

Department is strengthened by well qualified faculty members whose main aim is to make students aware of the cutting edge technology with competence, commitment & team work. The Department has highly qualified, experienced faculties. Most of the faculties are pursuing PhD. Faculties have published their technical articles/ papers in number of National / International Journals and Conferences.

FACULTY STRUCTURE

ASSOCIATE PROFESSOR & HEAD

Mrs. CHAYADEVI .M.L

PROFESSOR

Dr. D V ASHOKA

ASSOCIATE PROFESSORS

Dr. MALINI M PATIL

ASSISTANT PROFESSORS

Mrs. SUMATHI H.R

Mrs. MAMATHA .G

Mrs. APSARA M.B

Mrs. NAGAMANI N. PUROHIT

Mrs. REKHA P.M

Ms. HAMSAVANI R.N

Mrs. B.NETHRAVATHI

Mrs. ANITHA PALAKSHA

Mrs. SUDHA P.R

Mrs. SOWMYA K.N

SUPPORTING STAFF STRUCTURE

SL.NO.	Name	Designation
1	NETHRAVATHI	Foreman
2	GAJENDRA J	Instructor
3	SOWMYA G	Instructor
4	MAHENDRA M	Instructor
5	MAHADEVASWAMY H V	Attender
6	RAMYA M	Lab helper
7	SREEDHARA S D	Lab helper

EVENTS @ ISE

An “**Android Workshop**” for the students by the students was conducted on 3rd Nov. 2015. Team “Lakshya” headed by Pavan V of VII semester organized the event under the guidance of Mrs. Nagamani N P and Mrs. Hemalatha M. The objective of the event was to make the students aware of the current trends in mobile technology.



A workshop on “**Virtualization**” by Livewire was held on 9th October 2015. The target audiences were V semester and VII semester students of our department. The objective was to make the students understand and utilize the existing resources without buying a new one.



Cultural Events

Department of ISE celebrated the teacher's day on 7th Sept 2015 in respect and deference of Dr. Sarvepalli Radhakrishnan and all our beloved teachers. All the students and faculty were involved in various cultural events conducted.



The annual trip for the students of V sem was organized from 29th to 31st of August 2015. The places visted were Madikeri and Mysore. Mr. Janardhan accompanied the students.



TechnoCultural Event

An Alumni Meet was organized by the Dept. of ISE on 23rd Jan 2016. Mrs. Nagamani N P and Mrs. Rekha P M organized the event. 75 alumni attended the event which included students from 2006 batch to 2014 batch.

Inauguration



Lighting the Lamp by the Dignitaries



Address by Principal Dr. M V Latte



Welcome Speech by Mrs. Nagamani N P



Vote of Thanks by Mrs. Rekha P M

Alumni Interaction with HOD Mrs. Chayadevi M L



Mrs. Lakshmi



Mrs. Vidya Singh



Ms. Maithri Bhat



Mr. Nikhil G Rao



Mr. Vishwanathan S



Batch of 2005 and 2006



Batch of 2009



Batch of 2010



Batch of 2012



Batch of 2013



Batch of 2014



Batch of 2015



Student Coordinators

Cultural Events



Articles Published at International Journal/ Conferences

SI No	Name of the Faculty	Publication details
1	Dr. D.V.Ashoka	<p>A Paper titled “Path Authentication in Heterogeneous MANET using Extended Route Authentication Protocol (ERAP)” has been published in International Journal of Engineering and Technical Research (IJETR), Nov 2015</p> <p>A Paper titled "Analysis of Data Gathering Protocol and Security Issues during Data Aggregation in WSN" has been published in International Conference on Computers and Electronics Engineering (ICCEE-2016) on 9th and 10th Jan 2016 at Federation house, Red Hills, Hyderabad.</p> <p>A Paper titled “A Novel Framework for Integrating Data Mining Techniques to Software Development Phases” has been published in Third International conference on Information Systems Design and Intelligent Applications, INDIA-2016, Vishaka Patnam, Andrapradesh , Jan 2016</p>
2	Mrs. M.L.Chayadevi	A Paper titled “A survey on WIFI and LIFI technologies” has been published in International Journal of Computer Technologies and Applications, Dec 2015
3	Dr.Malini M Patil	<p>A Paper titled “Performance Analysis of Hoeffding trees in MDM using MOA Framework" has been published in International Journal of Data Mining, Modelling and Management, Dec 2015</p> <p>A Paper titled “A Comparative Study of Recommender Systems” has been published in International Journal of Advancements in Engineering Research, Dec 2015</p>
4	Mrs.Sumathi.H.R	A Paper titled “Synchronous Optical Network to deliver Quantum Information for Multiple Users” has

		been published in International Journal of Applied engineering Research, Dec 2015
5	Mr.Janardhana.D	A Paper titled “A survey on WIFI and LIFI technologies” has been published in International Journal of Computer Technologies and Applications, Dec 2015
6	Anil.B.C	A Paper titled “A survey on WIFI and LIFI technologies” has been published in International Journal of Computer Technologies and Applications, Dec 2015

Achievements Faculty

1. Mrs. Malini M Patil was awarded the Philosophy of Doctoral Degree for her thesis in the area of DataMining
2. Dr. D V Ashoka received Best Paper Award for the paper titled “Analysis of Data Gathering Protocol and Security Issues during Data Aggregation in WSN” at International Conference on Computers and Electronics Engineering, held at Hyderabad on 9th-10th Jan 2016.
3. Dr. Malini M Patil received Best Paper Award for the paper titled “A Comparative Study of Recommender Systems” at International Conference on Data Engineering and Communication Systems held at RNSIT, Bangalore on 28th-29th Dec 2015.
4. Mrs. Sumathi H R, received Best Paper Award for the paper titled “Synchronous Optical Network to deliver Quantum Information for Multiple Users” at International Conference on Data Engineering and Communication Systems held at RNSIT, Bangalore on 28th-29th Dec 2015.

Achievements Students

1. Pavan V, student of 7th sem, ISE participated in under 25 Hack organized by valonia sponsored by Jabong held on 9-10 Jan 2016 and was among the TOP-4 position.
2. Pavan V, 7th sem, ISE got an Invite for “StandUp INDIA-StartUp INDIA” held on 16th Jan 2016.
3. Pavan V, 7th sem, ISE, released an Android App called Pineapple Express during Sept 2015.
4. Abhishek Kumar Singh, student of 5th sem, ISE, participated and won third place in National level Networking competition held by Livewire at Chennai. He has passed all levels of competition.
5. Parthjeet 3rd sem student of ISE, passed online course on “Introduction to the Internet of things and Embedded systems” on 6th Nov 2015.
6. Parthjeet 3rd sem student of ISE, passed online course on “Programming for Everybody: Getting started with Python” on 16th Oct 2015.

Upcoming Events

1. Techkriti - 2 days workshop on Networking on 12 and 13 February 2016.
2. 2days Student Development Program on Web Application Development using NodeJS and AngularJS on 19 and 20 February 2016

We welcome your valuable suggestions and advices
for further improvement of **NEWS@ISE**

Editorial Board

1. **Mrs. Chayadevi M L**, Associate Professor & HOD, ISE
2. **Mrs. Nagamani N P**, Assistant Professor, ISE
3. **Mrs. Sowmya K N**, Assistant Professor, ISE
4. **Mr. Manjunath K** (Student Coordinator, III Year, ISE)
5. **Ms. Shobhita Kuduba** (Student Coordinator, III Year, ISE)

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