



# Sri SAIRAM COLLEGE OF ENGINEERING

(Formerly SHIRDI SAI ENGINEERING COLLEGE)

Sai Leo Nagar, Guddanahalli (PO), Anekal, Bengaluru - 562-106

An ISO 9001:2008 Certified Institution

\*Approved by the A.I.C.T.E., New Delhi. \*Recognized by the Govt. of Karnataka

\*Affiliated to Visvesvaraya Technological University, Belagavi.



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METRO TODAY MAGAZINE HAS PROCLAIMED  
"SRI SAIRAM COLLEGE OF ENGINEERING"  
TO BE THE 5TH BEST ENGINEERING COLLEGE IN BENGALURU.



  
**minchu**  
the campus buzz...



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## C.E.O MESSAGE

**Sri. Sai Prakash Leo Muthu**  
Chief Executive Officer,  
Sairam Group of Institutions

I am extremely delighted to present the record of suitable proof of the reminder "Minchu". It is the most recent references of the necessary works carried out in our organization regarding the seminars, workshops, research work publications & presentations, sports & games, blood donation camps, NSS, FDP, projects grants, industrial expeditions, placement & training accomplishments. Which further inspires all of us to accomplish further more. Sri SAIRAM College of Engineering always do have a tradition of reaching the under privileged in the society contributing for the development of the nation & society as well.

Achievements are never measured individual, but it is always a meticulous team work. I would like to mention the constant hard work of the principal & the staff in generating the 19th Newsletter.

We do continuously attempt to remain ahead in the field of education with the most exclusive and resourceful methods of teaching in the forthcoming years.

Again I would like to appreciate the significant team work of the SAIRAM family.

## PRINCIPAL MESSAGE



**Dr. Y. Vijaya Kumar**  
Principal

It brings me an immense pleasure to present the record of the recent document for the "Minchu newsletter, which is the co-operative evidence of the reports that took place in our organization I would like to appreciate everyone who contributed for the attainments of the organization and facilitating us to inflow into the 20th year of the service in the technological education. The honest and widespread efforts of the editorial panel, faculty and the staff in engendering the proceedings and endeavours of the institution are really crucial.

It is imperative to remark now that the technological instruction in India is enduring a major transformation both in terms of prominence and capacity. The prospects of the corporate, society and parents are changing every day. To endure these challenges, we are left out with the only preference of upholding qualitative processes like seminars, workshops, research paper publications and presentations, sports & games, blood donation camps, NSS, FDP, Project grants, industrial expeditions, placement training and placement undertakings and many more.

The informed bullet in proposes to treasure the tender memoirs of our organization empowering us to succeed and accomplish added objectives for the growth of our establishment.

The bravest are the most tender; the loving are

# The SAIRAM family affably Invites!!!

### CSE DEPARTMENT



**M.Chandana**  
M.Tech  
Assistant professor



**Jeyadevan S**  
M.E.  
Assistant professor



**SheelaDevi .M**  
M.E.  
Assistant professor



**Sowmya A M**  
M. Tech  
Lab Instructor

### ECE DEPARTMENT



**Poornima K A**  
M. Tech



**Lohith V**  
M. Tech

### MECH DEPARTMENT



**Jeyasri J.**  
M.E. (Thermal)



**Rajesh Kumar N.**  
M.E.(Design)



**Nagaraj B.D.**  
M.E.(Design)



**Sridhar C.S.**  
M.E.(Design)



**Rajani R**  
M.E. (Structures)

### EEE DEPARTMENT



**SARBARI SEN DAS**  
M.TECH

### SCIENCE AND HUMANITIES DEPT



**Manjunatha K N**  
MSc. MBA

## editorial PANEL

Chief Editor :

**Dr. Y. Vijaya Kumar**  
Principal

Editor :

**P. Luther Benny**  
Asst. Prof. in English  
Dept of Science & Humanities

## M E M B E R S

Dr. B. Shadaksharappa, Vice-Principal

S. Shailashree, Asst. Prof CHE

Sharon Roji Priya C, Asst. Prof CSE

Yogananda B S, Asst. Prof, MECH

K.P. Linija Shylin, Asst. Prof ECE

Venkatesh Murthy B, Asst, Prof, EEE

B. Sireesha, Asst. Prof., PHY

Bheemeswar Reddy V, Placement Officer

Raghavendra Rao B, Asst. Prof. Hr. Edn, Cell

Manjunath. K.N, Sports/NSS

P. Rathna, Librarian

V. Annamalai, Office

Mohan Das, Transport

Arul Kumar. T, MATHS

the daring." - Bayard Taylor



# 15<sup>th</sup> GRADUATION DAY CELEBRATIONS



The 15th Graduation Day Celebrations began at 10:30 A.M on Sunday 17th July 2016 with the arrival of the Distinguished Dignitaries, Sri Sai Prakash Leo Muthu, CEO & Managing Trustee, Sri Sairam Group of Institutions, Chief Guest, Dr. M. K. Panduranga Setty, Secretary - KUPECA and President R.V Educational Institutions, Bangalore. Special Invitee Sri. K. Mohan, Managing Director, SEP India Pvt Limited, Hosur. Dr. Y. Vijaya Kumar, Principal, Sri Sairam College of Engineering and all the heads of the Departments, in an academic procession with the accompaniment of the band to the venue. The Dignitaries lit the lamp and decorated the dais after the customary invocation song by Namitha & team. The 15th Graduation day was declared open.

On this occasion, Dr. Y. Vijaya Kumar in his presidential cordially invited all the Dignitaries, Faculty, the governing council members, Principal, Pre-University College, Graduands, Parents and all the invitees arrived to the Graduation Day celebrations.

The Science and Humanities HOD, Dr. Ganga, introduced the chief guest Sri. Dr. M. K. Panduranga Shetty, Secretary - KUPECA and President R.V Educational Institutions, Bangalore and Special Invitee Sri. K. Mohan, Managing Director, SEP India Pvt Limited, Hosur, subsequently our respected CEO, and the Principal, felicitated both the Dignitaries.

In his Presidential Address Sri Sai Prakash Leo Muthu congratulated all the Graduands on their successful conclusion of graduation and He wished them all the best for their future. Chief Guest, Dr. M. K. Panduranga Shetty, in his exceptional address commended all the Graduands on their successful completion of their graduation.

The Special Invitee of the day, Sri. K. Mohan, in his special address applauded all the Graduands on their successful completion of their graduation.

The Heads of the assorted Departments pronounced the Graduands Department wise individually; The Chief Guest performed the honors. The principal, Dr.Y. Vijaya Kumar administered the pledge to the Graduands. The CEO confirmed that the Graduation day closed.

Vote of thanks was proposed by the Vice Principal Dr. B. Sadaksharappa. The celebration was concluded with the National Anthem.

## 20<sup>th</sup> INDUCTION DAY CELEBRATIONS

20th Induction day festivity of Sri Sairam College of Engineering was celebrated on 4th August 2016 at 10.30 AM in the Seminar hall. The function was initiated with the invocation song by Ranjitha, Spurthy and Sahana ,followed with the lighting of the lamp by the Dignitaries, CEO, Sri Sai Prakash Leo Muthu, Chief Guest, Shri Ponraj Vellaichamy, Scientist and Technical Advisor to Late his Excellency Dr. A. P. J. Abdul Kalam, Guest of honor, Shri Anand Mutalik, , Co-Founder and Advisor EYZTRUC Solutions Pvt Limited, Principal, Dr. Y. Vijaya Kumar, Vice Principal, Dr. Shadaksharappa, Management Representative, Mr. R. Arun Kumar, SSPUC Principal, Dr. R. Muni Reddy, and the Trust Office Members respectively.

Dr. Y. Vijaya Kumar in his invitational address invited the imposing gathering entailing all the Dignitaries, students, parents, HOD'S and staff to the grandiose incidence. He stated that college has completed 19 years and is inflowing into its 20th year efficaciously engendering 15 batches facilitating the society and nation with different capacities' with the consistent benefaction from the faculty, students and parents. He expressed an immense gratitude to the parents and congratulated the students for opting our organization to accomplish the vision n mission of our beloved Chairman Late Sri. MJF Lion Leo Muthu. He also cited how SSCE.is different from other Engineering Colleges in Karnataka and wished the novices for their scholastic perusal of four years engineering degree in this Institution.

The Chief Guest, Shri Ponraj Vellaichamy, in a Substantial address congratulated the students for sanguinely preferring this predominantly privileged organization as a pedestal for initiating their



dream career & wished all the best to the newly joined under graduates' for their four years' perusal of Engineering Degree at SSCE. He accredited that SSCE is the most innovative projects encouraging and supporting institutions in Bengaluru. He also recollected the recent exceptional projects invented at SSCE. He advised & encouraged them to try fulfilling the vision 2020 conceptualized by Late his Excellency Dr.A.P.J.Abdul Kalam.

The Guest of Honor, Shri Anand Mutalik, in an implausible address introduced and congratuled all the students for opting this organization which is going to be a very great Launch pad to achieve your dream career in life with lots of importance given to innovation. He advised the students to "Dream Big to Accomplish Big" & encouraged the students' to contribute enormously to build a better nation through quality education, which starts at SSCE. This is the right place to start and excel in life reaching your Dream Job, Dream Career & Dream Destination.

Vote of thanks was proposed by the Vice Principal Dr. B. Shadaksharappa, He applauded the 1st year students' for preferring this organization and wished them all the very best for the comprehensive four years of pedagogic perusal of Engineering Graduation at SSCE. He expressed an immense gratitude to Shri Ponraj Vellaichamy and Shri Anand Mutalik, for contributing their valuable time in spite of their busy schedule for the program &all the personnel who are directly and indirectly contributed to make this program an ostentatious achievement. The carnival was consummated with the National Anthem.



# FACULTY DEVELOPMENT PROGRAM

Persevering its inheritance in the realm of education for the past nineteen years, as a historic and anticipatable facility for every semester, Sri Sairam College of Engineering has organized three days' workshop on faculty expertise escalation program. Considering the faculty as one of its indispensable and absolute resources, this program has been initiated and arranged for the indomitable, subjective and adept for the expansion of all the faculty, which is exceptionally requisite for the determined authority and vitality of the organization.

The three days' schedule was optimistically well proposed, arranged and consummated meticulously by the Department of Science and Humanities on 14th, 15th and 18th July 2016.

The preliminary function was inaugurated with the invocation song to lord Ganesh by priyanka reddy and team. All the Dignitaries, The Principal Dr. Y. Vijaya Kumar, Vice Principal Dr. B. Sadaksharappa, Management Representative Mr. R. Arun kumar, Chief Guest Dr. C. Gnana Prakash, Assistant Professor in Psychology, Jain University, and all the concern Department HOD'S were invited to light the lamp.

Vice Principal, Dr. B. Shadaksharappa in his invitational sermon articulated a profound gratitude to our beloved Chairman Late Sri MJF. Lion Leo Muthu and CEO Sri Sai Prakash Leo Muthu for approving, accepting and promoting the proposal to organize three days' workshop on faculty expertise intensification program.

Principal, Dr. Y. Vijaya Kumar, in his distinguishing discussion articulated a very warm welcome to the entire Sairam family to the odd semester after the efficient conclusion of the odd semester anticipating optimistic results. He mentioned the significance and relevance of Faculty development program for a better tomorrow, which will take any institution to a very long distance and greater statures.

He optimistically assured that by December 2016, every endeavor in SSCE is going to be on line like Chennai Sairam. The consistent and meticulous efforts of our Sairam team as a family changed the perception of our CEO towards our college. Our organization has done extremely well in the past academic year 2015 – 16 with superior results, 95% of incredible placements, innovative and stupendous projects like "Varuna, E – Bike, Solar vehicle, Go kart vehicle, ASDF award for the best structured institution of the year 2015, spectacular ratings by some of the preeminent educational magazines, National and International Conferences', faculty contribution towards Publications, funds and patents etc., All these indispensable and decisive assets bestowed us with better admissions this year. He reassured that the institution will certainly be taken to an exceedingly grander pinnacles in the near future with redefined practices and accomplishments.

As per the schedule,

On the first day (14th July 2016): In the first session, The First resource personnel of the day Dr. C. Gnana Prakash, conveyed a discourse regarding the Stress Management. He communicated about the ways to ventilate one's personal and emotional stress in the right way for a sustainable development of an individual and the organization as well, which incessantly interrupts the productivity of a faculty. Solution for every problem always lies within, which can always be found with balanced stress levels that will procure physical, psychological and behavioral changes in the work environment.

He also mentioned about the significance of doing simple and small things to come out of stress.

In the second session, Second resource person for the day, Dr. Deepak A. S, Associate head for R&D Cell in big data MSRUAS, Communicated all the faculty regarding the instructions and guidelines in mastering the MATLAB in the Engineering Application with its elements and components deliberated in detail.

On the second day (15th July 2016): In the first session, Mr. Muthamil Selvan, Sairam Chennai, provided a comprehensive instruction awareness program regarding the "AUTOMATION EDUMAT" which is initiated in all the sairam group of institutions from the year 2008 making the system on line and paper free.

In the second session, Principal, Dr. Y. Vijaya Kumar, spoke about the key points regarding the "Future Challenges in the higher Education" which are very essential to be taken care in order to avoid under development of any institution. He was also acclaimed for his recently receipt of the most prominent honor "The Lifetime Achievement Award" from Venus International Foundation, Chennai.

On the third day (18th July 2016), an expedition was organized for all the faculty to the Shivaganga and the Shivaganga Matta at tumakur for receiving the blessing of all these distinguished pilgrim places and temples including Pataala Ganga which is considered the Sacred Water.

Valedictory ceremony was arranged and the certificates were disseminated to all the Associates in the Sairam family on their successful accomplishment of three days faculty expertise escalation program. A divergent feedback exposition was conveyed by the entire faculty in person regarding the ample depiction appraisal and optimistic response with the written statements concerning all the resourceful personalities invited for the three days skills enrichment program. Each and every faculty precisely commended and acknowledged a rich experience on all the three days. The entire Sairam family conformed an immeasurable and exquisite affluence from every address by all the ingenious personnel invited on all the three days and placed an incomparable appeal to the management to prolong the incidence of these genres of programs as well.

Vote of thanks was proposed by Dr. Gangavathy, On behalf of the entire faculty, she extended an immense gratitude to the management for arranging a three days faculty development program.



## PROJECT GRANTS

**Department of  
Computer Science  
and Engineering**

Project Name	: Senior Security Supervise System
Funding Agency	: KSCST 2015-2016
Sanctioned Amount	: Rs.3000/-
Name of the Coordinator	: Dr. B. Shadaksharappa, Mrs P. Kalamani.

### 1. What's your opinion on today's young generation?

Young people signify the most imperative and the further most susceptible group of our society. I would incessantly emphasize and desire to contribute towards the students' attitude, success, discipline, emotional balances and their accomplishments in their academics as well, which can only be accomplished through the noble profession like teaching.

### 2. You were associated with the industry. What is your observation in Academics?

The transition was very challenging. To take a strategic step and to follow my passion in teaching and training. I was well aware of my skills like project management, presentation delivery and writing. I strongly believe that the grading of any system depends on its quality, creative encouragement, a strong belief in implementing the vision statement. I am proud to say that SSCE makes all round effort in implementing its beliefs and reserves itself a place in its strong and an efficient management to bring out a World class product.

### 3. What do you mean by change?

For me change is the improvement of the existing system to suit the demands in the quality. The overall objective of college improvement planning is an enhanced level of student achievement. To effect real change, however, the process needs to focus on specific priorities. Student performance improves when teachers use curriculum-delivery strategies that specifically address the needs of their students, when the college environment is optimistic, and when parents are involved in their children's education.

### 4. Your Idea regarding the Curriculum delivery strategies?

Curriculum is the foundation of the education system. Its continuously getting evolved to meet today's industry demands. The Ministry of Education has published curriculum policy documents that set out expectations for student learning in each grade and subject area. "The expectations describe the knowledge and skills that students are expected to develop and to demonstrate in their class work, on tests, and in various other activities on which their achievement is appraised. The delivery strategies should reach the students to augment their acquaintance and implementation skills

### 5. How do you exemplify the Campus Life?

Effective colleges life shares a set of characteristics that add up to an environment that fosters student accomplishment. basically campus is an exceptional abode to "Study, Learn and Excel"

### 6. What are the strategies you do follow to improve your department and institute as well?

This can only be accomplished by constant up-gradation of knowledge bank through technical talks, interaction with industries, the faculties up-gradation programs, invite assorted resource personnel with eminent lectures by research scholars, entrepreneurs and most prominently the campus recruitments' that will definitely facilitate in the improvement and up-gradethe standards of faculties and students as well.

### 7. Why is the industry institute partnership very imperative?

It is found to be very imperative to Create a curiosity in the Technological Education, particularly for its lack of creativity, which is absolutely wrong. Emerging start up culture demands innovative thinking and working. Unfortunately, many of the tasks espoused by the engineers are always found reduced to simple programs due to lack of creativity. The academics should incessantly inspire the students to implement and execute the knowledge espoused from lessons to engender novel inventions.

# EEE HOD'S OCCUPATIONAL INTERROGATE



**Malini K.V.**  
Professor  
HOD-EEE Dept

### 8. Do you consider teaching to you is by choice or chance?

A person is a by-product of his/her learning from the environment. I am proud to assert that for me, teaching by Choice and not by Chance and it's my passion to teach, helping students find themselves and become better in what they do.

### 9. What is the secret of getting funds for various projects?

Promoting Creative thinking and following latest trends in the technology market. This is how readily the students see that the university funding is being utilized for their benefit. The immediate consequences ones of facilities and resources that the students can use to grow beyond the classroom. The long term implication is that if the University continues using its funding in a manner beneficial to the students, then the value of the students' degrees, post-graduation will continue to rise. The projects with funding can be elevated to the next Level-Entrepreneurship with new doors of opportunities opened for self-employment and Entrepreneurship.

### 10. What is the suggestion to compete with other colleges?

In my opinion being innovative, encouraging faculty and students towards research and industry associated activities. The student who enrolls should be assured of the best environment to enhance learning & a good job after the successful completion of the course.

### 11. What are your expectations from the faculties?

The Faculty—plays several critical roles in the institutions improvement planning process. I do attribute everything to Communication Skills and the team player attitude of faculties. faculty interaction is the principal reason for students to attend colleges and universities. Otherwise, a student could easily view lectures online or offline. In this demanding situation the faculty role is to actively participate and assume leadership roles, ensure classroom strategies to meet the student needs at all levels, build partnerships with social service agencies, recreation departments and facilities, community groups, businesses, and industrial laboratories to help implement the plan.

### 11. What message would you like to give to the students'?

We provide a very informal atmosphere between students and faculty which helps in mentoring and nurturing our students, encouraging them in developing cutting edge technology. Electrical engineering is a vibrant field of engineering which gives the room to be innovative and creative in thinking. The department provides a holistic experience of learning and experimenting. I would like to advice the students to "Guard their Integrity, keep their Commitments and Acknowledge their own power and Behave accordingly"

Interview by  
**P. Luther Benny**, Asst. Prof English



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
Dr.B.Shadaksharappa	Professor	“Chaired a session at 2nd International conference on “Advances in computer and communication engineering”.	5th & 6th May 2016 at Vemana Institute of Technology, B'lore
Dr.B.Shadaksharappa	Professor	Chaired a session in the first International conference on Innovations in Computing and Networking organized by the CSE department in association with CSI.	12th & 13th May in Rajarajeshwari College of Engineering, B'lore
Dr.B.Shadaksharappa	Professor	“Chaired a session in the first International conference on “Advanced and Intelligent Computing Technologies” organized by CSE department.	25th and 26th August in MVJ College of Engineering, Bangalore.
Mr.Jagadeesh B.N	Asst.Prof	Guided students of 6thsem ,held in BTLIT entitle “pioneering future refrigerator using Internet of Things”	26th Feb, BTLIT, Bangalore.
Mrs. R.Vijaya Lakshmi	Asst.Prof	Presented a paper titled “Design of Mobile RFID Technology in CDMA Networks” in National Conference on Computer Applications & Communication systems 2016.	
		Presented a paper titled “Android based handicapped wheel chair” in National Conference on Computer Applications & Communication systems 2016.	
Mrs.Lorate Shiny M	Asst.Prof	Presented a paper titled “Face Recognition Biometric system” in National Conference on Computer Applications & Communication systems 2016.	
		Presented a paper titled “Pioneering Future Refrigerator using Internet of Things” in National Conference on Computer Applications & Communication systems 2016.	
Mrs.C.Sharon Roji Priya	Asst.Prof	Presented a paper titled “Compressing a Mosaic video using chroma sub sampling strategy” in National Conference on Computer Applications & Communication systems 2016.	
		Presented a paper titled “Privacy Preserving public auditing for secure cloud storage” in National Conference on Computer Applications & Communication systems 2016	
Mrs.Saanjana.Y	Asst.Prof	Presented a paper titled “Plant bio-imaging using image processing” in National Conference on Computer Applications & Communication systems 2016	21st March Siddaganga Institute of Technology, Tumkur..
Mrs.Lorate Shiny M	Asst.Prof	National Conference on “Disaster Management and Satellite Environmental Applications”	
Mrs.G.Manjula	Asst.Prof	International Conference on “Recent Research in Engineering”	31st March., SKR EngineeringCollege, Chennai.
Mrs.Shanthi Priya	Asst.Prof	Attended FDP on Introduction to C# & Ado.Net Programming” Conducted by ICT Academy at Tamilnadu.	21st & 22nd July at AMC Engineering college of Bangalore.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
G.S Dhanya	Asst Prof	Published a paper entitled “Automatic Gas Cylinder Management”	September 2015 in IJLTEMAS Journal Publication
B.Srilatha	Asst Prof	Published a paper entitled “Extraction of Diabetic and Eye Diseases from the Retinal Image & Using Image Processing Algorithm”	Dec 28 & 29th 2015 in IJAER held at RNSIT
B.Srilatha	Asst Prof	Published a paper entitled “Extraction of Diabetic and Eye Diseases from the Retinal Image & Using Image Processing Algorithm”	11.10. 2015 in ICETER held at VRS & YRN COLLEGE OF ENGG & TECH
B.Srilatha	Asst Prof	Published a paper entitled “Extraction of Diabetic and Eye Diseases From the Retinal Image & Using Image Processing Algorithm”	11.10. 2015 in ICMRET Dec 18 & 19th 2015 GITAM University Vishakhapatnam
Dhanya G.S	Asst Prof	Microcontroller based LPG Management Street lighting using LED A travelogue on CSSIST	26.02.2016 BTLIT Bangalore
C.Sivaprakash	Asst Prof	Design for naval monitoring network control system	26.02.2016 BTLIT Bangalore
		Wireless home automation system using voice communication	
Aruna R	Asst Prof	Design for naval monitoring network control system	11.02.2016 & 12.02.2016 MES College of engineering Kerala
Dhanya G.S	Asst Prof	The tremendous scope of energy conservation using nanoscience and technology	
G.V.Raja	Asst Prof	Traffic congestion and detection for highways by wireless sensors	26.02.2016 BTLIT, Bangalore
Suganya J.	Asst Prof	Wireless charging of phones using microwaves	
A.Poonguzhali	Asst Prof	Video Surveillance in public transport area using semantic approach	
C.Siva Prakash	Asst Prof	Advanced railway track fault detection and messaging system using GSM communication	16.04.2016 at M.P. Nachimuthu M.Jaganathan Engg College, Erode

# WORKSHOP / SEMINAR / SYMPOSIUM

ATTENDED BY FACULTY MEMBERS &  
PAPER PRESENTED BY FACULTY MEMBERS

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
K.P. Linija Shylin	Asst Prof	Advanced railway track fault detection and messaging system using GSM communication	16.04.2016 at M.P. Nachimuthu M.Jaganathan Engg College, Erode
		RFID Based Indoor Positioning System Using GSM	28.04.2016 KSSEM BANGALORE
		Advanced Railway Track Fault Detection and Messaging System Using GSM Communication	16.04.2016 at MPMNJE ERODE Paper Published in Global journal of Electronic & Comm research
B.Srilatha	Asst Prof	Published a paper entitled "Extraction of Diabetic and Eye Diseases From the Retinal Image & Using Image Processing Algorithm"	11.10. 2015 in ICMRET, Dec 18th & 9th 2015 at GITAM University Vishakhapatnam
R.D.Vidharani	Asst Prof	Implementation of IEEE.802.15.4 Wireless hart stacks for industrial WSN	16.04.2016 at M.P.NachimuthuM. Jaganathan Engineering College,Erode
K.N.Srinatha Reddy	Asst Prof	Implementation of IEEE.802.15.4 Wireless hart stacks for industrial WSN	
P.Venugopal	Asst Prof	Spy Night Vision Robot	
Geetha.R	Asst Prof	Solar Based Induction Heating System	
V.K.TIWARI	Asst Prof	Attended one day workshop on "Silicon solar cell Technologies"	05.04.2016 at Hosur Institute of Technology & Science, Krishnagiri
Savitha H.S.	Asst Prof	The tremendous scope of energy conservation using nano science & technology in energy sector	11.02.2016 & 12.02.2016 MES College of Engg. Kuttippuram ,Kerala
		LIFI based automation of Toll Gate using Microcontroller	28.04.2016, at S.T.J.IT Ranebennur
Bhuvaneswari N.	Asst Prof	An Alternative green technology in converting waste heat energy from two wheeler in to electric power	29.02.2016,01.03.2016 & 02.03.2016 at Coimbatore institute of technology, Coimbatore, Tamilnadu
Gowri P	Asst Prof	Deep machine learning a new frontier in artificial intelligence research	21.04.2016 & 22.04.2016 at SJCIT Chickballapur
		Flexible High Performance Convolution Neural Networks for Image Classification	
		Automated glaucoma diagnosis using Fundus image-A Survey	17.03.2016 & 18.03.2016 at Amrita School of Engg, Bangalore

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
Mrs. Malini.K.V. Mrs R.Gunasekari Mrs.Padma.G.N Mr. Mohan.K Ms.Veda Lakshmi .N Mr.Vijaya Kumar	Asst. Prof & HOD Asst. Prof VIIIth Sem VIIIth Sem VIIIth Sem	Published a paper in international journal entitled "VOV FIERO-A fire Extinguishing ROBO –A Review"	2nd International Conference on Human computer Interaction at Saveetha University ,Tamilnadu on 10th & 11th March-16
Mrs Malini.K.V. Mrs R.Gunasekari Mr. Mahesh,M Ms. Ashwini.C Ms. Nikhitha	Asst. Prof & HOD Asst. Prof VIIIth Sem VIIIth Sem VIIIth Sem	Published a paper in international journal entitled "KrushiRakshak-GSMBased field watcher- A Review"	

## DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
Dr.Gangavathi .P	Asso. Prof.	Published a paper with the topic "Hyperbolic Tangent fluid flow through a porous medium in an inclined channel with peristalsis" in International journal of advanced scientific research and management – ISSN 2455 – 6378, Vol 1, issue 4, pp113 – 121	2016-08-13

# WORKSHOP / SEMINAR / SYMPOSIUM

ATTENDED BY FACULTY MEMBERS &  
PAPER PRESENTED BY FACULTY MEMBERS

## DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Faculty	Designation	Workshop / Seminar/Paper	Venue & Date
Dr.Gangavathi .P	Asst. Prof.	Published a paper with the topic" peristaltic pumping of a Newtonian fluid in an inclined asymmetric channel under the effect of a magnetic field with variable viscosity" in an international Journal of latest technology in Engg. management and applied science, ISSN 2278-2540 volume V issue 3, pp 56-62	2016-08-13
Harikrishna.S	Asst. Prof.	participated in 2-day workshop on wealth from waste and pollution awareness online monitoring E waste management and ROHs 2016	Choksi hall, IISc on 16th and 17th June 2016
		presented a paper titled " A preliminary study on the determination of the optimal experimental parameters using factorial designs for the corrosion inhibition of mild steel in corrosive medium "	at NSEST held at IISc on July 2016
Shailashree. S	Asst. Prof.	presented a paper with the titled Kinetics and Mechanism of Oxidation of EDTA by N - Bromophthalimide in the Presence of Sodium Dodecyl Sulfate	at NSEST held at IISc on July 2016

# WORKSHOP / SEMINAR / SYMPOSIUM

ATTENDED BY STUDENTS &  
PAPER PRESENTED BY STUDENTS

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Students	Sem	Workshop / Seminar/Paper	Venue & Date
Rajesh G S.Sriyayanth Ashwam Sivaswamy	VI	Presented a paper entitled "Pioneering Future refrigerator using IOT." (Won the best paper award.	27th Feb at BTLIT.
Gagana G.E Ambika V	VI	Presented a paper entitled "Gesture recognition using convex hull algorithm."	
Bhavyashree P Angel Priscilla Indumathi K	VI	Presented a paper entitled "Supporting scope tracking and visualization for very large scale requirements engineering utilizing FSCT Decision pattern and Atomic Decision visualization."	
Veena R Shwetha K V Lakshmi	VI	Presented a paper entitled "Android based handicapped wheel chair."	
Madhushree P Arshiya Deepthi	VI	Presented a paper entitled "Design of mobile RFID using CDMA."	
Gowri Chandra N Hemalatha S Santhosh M	IV	Presented a paper entitled "Plant-Bio-imaging using image processing"	
Adithya B.S Bharadwaj Karthika.k	IV	Presented a paper entitled "Face Recognition Bio-Metric system."	New Horizon college, Marathahalli.
Prajwala R Reddy Karthika.K	VIII IV	Presented a paper entitled " Microcontroller based virtual eye for the blind'	
Sarada T Shilpa M	VIII	Presented a paper entitled Data Extraction from unstructured DB pedia"	
B.Bharadwaj Adithya B.S Karthik N.S	IV	Presented a paper entitled " Smart Waste Managementwith Sensor Technology".	STJIT, Rannebennur.



# WORKSHOP / SEMINAR / SYMPOSIUM

ATTENDED BY STUDENTS &  
PAPER PRESENTED BY STUDENTS

Name of the Students	Sem	Workshop / Seminar/Paper	Venue & Date
Ambika Chaithra N.C Gagana G.E	VI	Presented a paper on "Data Analytics Behavior in Existing Model Driven Development"	SRK College of engineering, Chennai
Ambika Gagana G.E	VI	Presented a paper on "Detection of movement of head and mouth to provide computer access to the physically disabled."	New horizon college of engineering, Bangalore
Chaithra N.C Chaithra R.S Bhavya B.G	VI	Attended a conference on IoT	
Naveen S Madhavan KishanJha Manmohan Singh Nagesha	VIII	Attended a Techno Project Exhibition	Dr.Ambedkar institute of technology
Prajwala R Reddy Arshitha R Pragathi A.Vignesh	VIII	Presented a paper on "Intellectual Controller" at International conference on emerging trends in Engineering and technology.	
Divya SN Bhavya Nagamani N Pavithra KR	VIII	Attended a Techno project exhibition	
Divya SN Bhavya G Nagamani	VIII	Attended a conference on Disaster management and satellite environment application	New horizon college, Marathahalli
Chathra R Karthik R.P Deepa M Sanjay G	VIII	Attended a national conference on Recent trends in computer science and information technology.	SJC institute of technology.
Govardhan J Kavya Reddy Lakshmi Priya Hari prasad	VIII	Attended a Techno project exhibition	Dr.Ambedkar institute of technology
Manjula Kumari Priyanka K Pavithhra R Pavithra V	VIII	Attended a national conference on Recent trends in computer science and information technology.	SJC institute of technology.
Varun Teejas Vignesh S Saranji J	VIII	Attended a Techno project exhibition	Dr.Ambedkar institute of technology
Monisha S Vidya K Sindhu Shree ArunKumar	VIII	Attended a national conference on Emerging trends in computer science and information technology.	Hosur Institute Of Technology And Science
Rohith S Sathya Narayana Soumya S Shubha Lakshmi	VIII	Attended a national conference on Emerging trends in computer science and information technology.	

Name of the Students	Sem	Workshop / Seminar/Paper	Venue & Date
Kanaka K Keerthana B Ruban Dhivya Rakshana U	VIII	Attended National Level Student Conference	East Point college of Engineering and technology (1st Prize WON)
Bhaskar B Banu Jeya Chandra A.S ArunBabu Kavyasree K.S	VIII	Attended National Level Student Conference	East Point college of engineering and technology
Vijaya Lakshmi B Priyanka S Komal Shetty	III	Attended workshop on IOS app development	MS Ramaiah Institute of technology
Princess Sahana T.S Swetha B Swetha Nalatwad	V	Attended E-Pravarthana – 13th state level ISTE Students annual convention	JSS Academy of technical education, Bengaluru
S.SriJayanth Ashwath	VII	Attended E-Pravarthana – 13th state level ISTE Students annual convention	JSS Academy of technical education, Bengaluru

## DEPARTMENT OF MECHANICAL ENGINEERING

Name of the Students	Sem	Workshop / Seminar/Paper	Venue & Date
Ranjith Kumar R, Vidyasagar N, Bharath Kumar P, Jeevan K.B.	III	actively participated in 18th National Level Tech. Symposium METRO-Z	Sri Sairam Engg. College, Chennai 16th Aug 2016
Gurunath Goud Patil, Jithin Anthony, DadaHayath Ali, Vinod Kumar M.A., Mahesh Kulageri, Nishchay K.R., Manjunath K, Abhijeth K.C., Balu N, Devendra Tarun M, Suhas M.P., Kiran Kumar N, Shankar N, Akash Chobey Puttaraju, Rakshith S, Avinash M.P., Arun Kumar A, Avinash S	VI	represented Team-ASHWA and achieved Runner up in the endurance round of INDO-ASIAN SOLAR CHALLENGE 2016	Lovely Professional University, Punjab 4th April 2016
Gurunath Goud Patil, Jithin Anthony, DadaHayath Ali, Vinod Kumar M.A., Mahesh Kulageri, Nishchay K.R., Manjunath K, Arun Kumar A, Abhijeth K.C., Balu N, DevendraTarun M, Suhas M.P., Shankar N, Kiran Kumar N, Akash Chobey, Avinash S Puttaraju, Rakshith S, Avinash M.P.,	VI	participated in Dynamic round of Asia's largest 'Electric-Solar Vehicle Championship (ESVC) 2016	Imperial Society of Innovative Engineers, 25th March 2016



# NOTEWORTHY ACCOMPLISHMENTS



As a phenomenal practice, once again SSCE has arrived into newsflash, the most prestigious career guidance magazine in Karnataka "METRO TODAY" in its career guidance special issue has acknowledged our institution "Sri SAIRAM College of Engineering" to be the 5th Best Engineering college among the top ten Engineering Colleges in and around Karnataka.

As asserted, that Sri SAIRAM of Engineering College is found to be Inspirational place to study in which everything from classroom to laboratories, hostel to cafeteria is state-of-the-art. The Labs and the other facilities, are among the best in the region making it one of the most sought after institutions by parents and students. The ultra-modern computer labs with the latest software and hardware making it a learning Heaven for IT enthusiasts. Teaching rooms and work areas are well furnished and equipped with modern up-to-date facilities. Sri SAIRAM of Engineering offering the top quality technical education and molding the younger generation with the spirit of service to the society and nation as well.

The potential Engineering students from SSCE time and time again substantiate themselves by winning assorted places in the academics other than sports as well.

Bindu S from 7th semester Electronics and Communication Engineering Department won the ISTE best student award for the year 2016.

## DEPARTMENTAL ENDEAVOURS

### CSE Department:

1. Dr.B Shadaksharappa Professor and Head of CSE Dept. guided a project Virtual Controller: See the world in a different way. Project Selected for IEDC, New Delhi and the students involved are Prajwala R Reddy, A.Vignesh, Pragathi, Arshitha R.
2. Mrs. Lorate Shiny Asst.Prof. guided a paper entitled "Pioneering Future refrigerator using IOT." And Won the best paper award in the NCCC 2k16 at BTLIT Bangalore and the students involved are Rajesh G, S Sri Jayanth and Ashwath Sivaswamy.
3. Mrs. Lorate Shiny Asst.Prof. guided a project Rescue Robot" and Won the best paper award in the conference on Disaster management and satellite environment application held at New Horizon College, Bangalore and the students involved are Divya SN, Bhavya G, Nagamani.
4. Mr. Manikanden Asst.Prof. guided a mini project" Certilog" and won the best mini project award in the project expo held in our college on May 13,2016 and the students involved are Suraj, George Vargheese.

### Project Exhibition:

5. There were 18 project entries in the project expo held on May 13,2016. The first prize is secured by the project entitled "Kissan Drone: Pesticides Spraying Drone for Agricultural Applications" under the guidance of Mrs. Saanjanna Y, with team members Hariprasad S, Kavya R, Govardhan J, Lakshmi Priya.
6. The second prize is secured by the project entitled "Smart Volvo Bus Passenger Protection against Accidents and Tracking Using Android Application" under the guidance of Mrs. Sharon Roji Priya with team members Ramya V, Roopini, Subhasini, Veena R

### ECE Department

1. Career Guidance Program has been arranged for VI Semester ECE Students by Mr. Jayaprakash Gandhi on 08.03.16.
2. Entrepreneurship Awareness Camp has been arranged for IV & VI Semester ECE Students by speakers from various organisations from 16.3.16 to 18.3.16.
3. Seminar has been arranged for VI Semester ECE Students about "GRE, CAT, STUDY ABROAD" by Mr.Shankar & Mr. Amit by Biju's consultancy on 23.03.16.
4. Training program about higher studies in UK has been arranged VI semester ECE students by S., ELM World Education pvt. Limited on 23.4.16.
5. Guest Lecture "Signals & Systems" has been arranged for IV semester ECE students by prof. Keerthi Kulkarni of BNMIT Bangalore on 29.4.16.
6. Career Guidance Program has been arranged for VI Semester ECE Students by Mr.Jayaprakash Gandhi on 08.03.16.
7. Entrepreneurship Awareness Camp has been arranged for IV & VI Semester ECE Students by speakers from various organisations from 16.3.16 to 18.3.16.
8. Seminar has been arranged for VI Semester ECE Students about "GRE, CAT, STUDY ABROAD" by Mr.Shankar & Mr. Amit by byju's consultancy on 23.03.16.
9. Training program about higher studies in UK has been arranged VI semester ECE students by S. Balachandar ,ELM World Education pvt Limited on 23.4.16.
10. Guest Lecture "Signals & Systems" has been arranged for IV semester ECE students by prof. Keerthi Kulkarni of BNMIT Bangalore on 29.4.16.

## INDUSTRIAL VISIT

- 1) Industrial visit has been arranged for 4th and 6th semester CSE Students to Namma Metro, Bengaluru on 27-03-2015
- 2) IEDC has organized an industrial expedition for the 4th, 6th, 8th Semester students to Sudarshan Auto Electrical Components Pvt. Ltd. Bengaluru on 18th March 2016.
- 3) Industrial visit has been arranged for 3rd semester ECE Students to Harita Seating Systems & Harita Faher Systems, Hosur on 25.02.2016.
- 4) Industrial visit has been arranged for 6th semester ECE Students to ISRO Satellite Centre, Bangalore on 18.04.2016.



**IEDC Completed the Student Projects 2014-15 Certificate Distribution on 5th July 2016.**



**IEDC has organized the “Carpe Diem” 2016 Project Expo. on 13th May 2016 at SSCE.**



**IEDC has signed a MOU with the Prolific Systems & Automations Pvt. Ltd. on 5th May 2016.**



**IEDC has organized Management Expo- UDH BHAV' 16 ISTE Student Chapter on May 3rd 2016.**



**IEDC in association with all the four Depts. has organized Entrepreneurship Awareness Camp – 5, from 16th-18th March 2016.**



**IEDC has organized Youth to Biz – Start-up Culture on 9th Mar 2016.**



**IEDC has organized a Workshop regarding “Business Model Canvas” SRV Module, on 9th Mar 2016**



**IEDC has organized an Express Talk on – “Chase the Vision not the Money” EDI Bengaluru on 23rd Feb 2016.**



**IEDC has organized a Student Project " ECO SMART - DRY ECO WASTE PROCESSING UNIT", Developed in Association with MITSUBISHI ELECTRIC INDIA on 26th Feb 2016.**





- ISTE-SRMC 2015-16 CHAPTER LEVEL ONLINE EXAMINATION was organized on 27th March 2016 With the combined efforts of faculty and student coordinators of our ISTE student chapter. 114 students and 1 faculty were found registered for the examination from SSCE. 124 candidates from the other colleges were allotted to write the online exam at SSCE. Totally 106 students attended the examination. 3 students from SSCE were promoted to the national level competition.
- ISTE-SRMC 2015-16 NATIONAL LEVEL EXAMINATION was organized on 9th April 2016. 21 candidates from various parts of Karnataka (20 students, 1 teacher) were allotted to write the online exam at SSCE, 16 candidates attended the examination.
- A seminar was organized on “big data analytics” on 12th April 2016 for the 2nd and 3rd year CSE students. On this occasion, the resource person, Sri. Sriram Raghavendran was invited as an industry expert. He delivered a comprehensive facets regarding the topic in detail.
- Department of 'Science & Humanities' along with the ISTE student chapter organized various competitive events like Paper presentation, Debate, Quiz, Pick and speak for I year students on 15th April 2016 to persuade the students to expand their professional skills and to exhibit their talents as well. Contestants were issued certificates for their active participation. In every event, the students who secured the 1st, 2nd & 3rd places were issued prizes in the valedictory function.
- Department of 'Electronics and Communication' along with the ISTE student chapter organized a program called “Hands on Training” on “Practical Aspects of Advanced Communication Lab Modules” for all the 6th semester students on 25th April 2016. On this occasion, the Resource personnel, Mr. Chandrakanth Shetty & Mr. Murali, Charan Technologies, Bengaluru were invited. Mr. Chandrakanth Shetty delivered a comprehensive dialogue on practical aspects of the topic followed by practical training on Digital Modulation Techniques, Analog Communication /link using optical fibre, Microwave Test bench, Micro strip based experiments etc.
- Department of Electrical & Electronics Engineering has organized a workshop on MATLAB under ISTE STUDENTS CHAPTER for the 4th & 6th semester ECE students on 26th April 2016. On this occasion, Resource person and industry expert, Mr.V.Ganeshan, Managing Director, Viswa Jyothi Technologies Private Limited., & Adroit Solutions Bangalore was invited. He delivered a thought provoking lecture on MAT LAB, followed by discussion on various concepts & Techniques in Matlab, which was found extremely beneficial and facilitating at various stages in all their Projects.
- Computer science Engineering & Electronics and Communication Engineering departments under ISTE Student Chapter organized UDBHAV 2k 16 for the 6th semester students on 3rd May 2016. The event was intended with the objective of creating awareness and improving practical knowledge about entrepreneurship among students. Wide Spread awareness about the event was created through attractive posters and through social media; gave way to overwhelming participation by the students. Totally 17 teams participated in this event. Students in groups by setting-up assorted stalls optimistically sold various products of their choice ranging from food, accessories, and games etc. It was a common platform for different strategies, styles and tactics of doing business. The student groups who bagged 1st and 2nd place were dispensed with medals and certificates in the valedictory.
- ISTE state level student convention was organized at JSS Academy of Technical Education, Bengaluru on 25th August 2016. 65 students from SSCE participated in various competitions and won assorted prizes.



**Asish Kashyap**  
from Mechanical 3rd year  
won the first prize in poster  
presentation competition.



## COMPUTER SCIENCE & ENGINEERING



SHREYA.H  
VII SEM – 77



Pavithra V  
VII SEM – 73.66



Ambika  
V SEM – 75.11



A Arshiya  
V SEM – 74.66



SURAJ S  
III SEM – 81.55



KARTHIKA K  
III SEM – 81.33

## ELECTRONICS & COMMUNICATION ENGINEERING



Manoj Kumar. S  
III SEM 81.67%



Punithkumar.N  
III SEM 74.78%



Bindhu.S  
V SEM 87.11%



Jeyaramanan. S  
V SEM 80.56%



Sweytha Kannan  
VII SEM 79.67%



Abishek R.R  
VII SEM 78.11%

## ELECTRICAL & ELECTRONICS ENGINEERING



ASHA.K. K.CHOUHDHARY  
CGPA: 8.17



HITESH  
CGPA: 7.75



J. BHAVANISINGH  
III Sem - 74.44%



SAIPRIYA. M  
III Sem - 74.11



GLEN PAUL  
V Sem - 75.11%



ASHWINI CHANDRAN  
V Sem - 66.68%



VEDALAKSHMI  
VII SEM-71.78%



MAHESH.M  
VII SEM-71.22%

## MECHANICAL ENGINEERING



MITTU KUMAR JHA  
III Sem - 76.50%



MANIKYA S  
III Sem - 75.60%



VAGESH P  
III Sem - 75.55%



H R GAGANDEEP  
V Sem - 74.50%



ARUNKUMAR A  
V Sem - 74%



AKHILESH NAYAKA M  
V Sem - 73.40%



M.ASWIN  
VII Sem 71.30%



KONKA KARTHIK  
VII Sem- 70.80%



ABILASH.C.V  
VII Sem- 70.50%

# DEPARTMENT TOPPERS JAN - 2016 VTU EXAMS





# PLACEMENT PROCEEDINGS

Time and time again, SAIRAM students' ascertain themselves by securing the best jobs in the most privileged companies in Bangalore.

## The incredible practice still continues!

**Placement Cell has organized Placement training for the 3rd year students from 16th to 20th August 2016**



**Placement Cell has organized 3 Days Student Skill Development Program for the TCS Eligible Students from 23 to 25 August 2016.**



# SPORTS SUBSTANTIATION



Our college Volleyball team has secured Runner up in the volley ball competition held at GAT on 9th April 2016

Our college hosted the 8th State level Sai Leo Trophy Inter-Collegiate Kabaddi for Men & Women & Volleyball for Men) Tournament-2016 from 12th & 13th April 2016, in the college campus efficaciously.

In Kabaddi Women Tournament, KSIT, and MVJIT reached the finals defeating all the other teams. In the finals, KSIT won the championship by defeating MVJIT.

In Kabaddi Men Tournament, SSCE., was the runners up team.

In the Volleyball Men, New Horizon College, Bengaluru and SSCE., reached the finals defeating all the other teams. SSCE was the runners up team?

## SIGNIFICANT exclamations

A fascinating experience to be in the campus with great achievements and promise for future to be inline the vision of the founder. The students here should outperform the teachers and emerge as innovators and entrepreneurs! One day the institution should emerge as a university and make a mark internationally.

With best wishes.

**Professor R M Vasagam, FIE**  
Chairman, The Institution of Engineers(India)

Thank you for your hospitality. It was wonderful interacting with your faculty members. I wish the institution leaps ahead to realize its vision. I wish the Principal and staff all the very best.

**Sri. Yeshasvini Ramaswamy**  
Managing Director,  
E2E Peoples Practices, Bengaluru.

Shared a wonderful moment with the SAIRAM Family. Enjoyed the time I spent. You all are doing a great job. Keep up the hard work, dedication and enthusiasm.

**Dr. Sandeep Sastra,**  
Pro Vice chancellor,  
Jain University, Bengaluru

I could witness the innovative ability of the students and faculty at Sri SAIRAM College of Engineering. It's a great academic Environment. Greetings and best wishes to the Management, Principal, Faculty and Students as well.

**Ponraj V**  
Former advisor to  
**Late Dr. APJ Abdul Kalam**

At the outset, I must express my thanks for inviting me for the convocation held on 16th July 2016. It's a great pleasure to know the progress at Sri SAIRAM College of Engineering. With best wishes. Extremely effective College.

**Anand Mutal K**  
Co-Founder and Advisor, EYZTRU

[www.sairamce.edu.in](http://www.sairamce.edu.in)

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