



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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SEPTEMBER 2015

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minchu
the campus buzz...

NEWS EPISTLE



ವಿಶಾಲ ಹೃದಯವಂತಿಕೆಯು ವ್ಯಕ್ತಿತ್ವ ಸಮಾನತೆಯುದ್ಯಮಕೋನ, ಏಕಲಿಷ್ಠ ಸಾಧನೆಯು
ಆದರ್ಶವ್ಯಕ್ತಿಗಳು ನೀಡುವ ಪ್ರೇರಣೆ ಸಮಾಜದ ಗಮನ ಸೆಳೆಯುವಂತಹದ್ದು. ದಾನಶೀಲರಾಗಿ
ಬಡವರಿಗೆ ಎಲ್ಲಾ ರೀತಿಯ ನೆರವನ್ನು ನೀಡುವ ಆಶಾಕಿರಣವಾಗಿ ಭರವಸೆಯನ್ನು ಮೂಡಿಸುತ್ತಾರೆ,
ಅನರಲ್ಪನ ಸಹಾಯ ಮಾಡುವ ನೈತಿಕ ಗುಣ ಮತ್ತು ಅತ್ಯುತ್ತಮ ದೂರದೃಷ್ಟಿಯಿಂದ ಯುವಜನತೆ
ಮತ್ತು ಅಸಹಾಯಕರಿಗೆ ಆರ್ಥಿಕ ನೆರವು ನೀಡುತ್ತಾ ವೃತ್ತಿ ಜೀವನವನ್ನು ಹಸನ್ಮಾನಿಷಲು
ಪ್ರೇರೇಪಿಸುತ್ತಾರೆ.

A prominent personality with vision, perseverance, motivation,
positive goal and philanthropic attitude who catered all his support
to the poor and the needy creating a ray of hope amongst them
with all his moral support and excellent fore thought encouraging
the young minds with scholastic benefaction to excel in their
profession.





M.J.F. LION LEO MUTHU

Founder Chairman

Sairam institutions

02.04.1952 - 10.07.2015

Forever Remembered

LIFE CAN SHOW UP NO OTHER WAY THAN THAT WAY IN WHICH YOU PERCEIVE IT! -NEALE DONALD WALSCH



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

C.E.O MESSAGE

I am profusely encumbered to present the most relevant information reminder “MINCHU” with the impetuous decease of our beloved chairman Sri MJF Lion Leo Muthu and would also like to reassure to carry on the legacy henceforth accomplishing his dreams and visions as anticipated. It is the utmost benevolent and provisional references of the fundamental available practices of our Organization concerning the Seminars, workshops, research paper publications and presentations, sports & games, blood donation camps, NSS, FDP, project grants, industrial expeditions, placement training, placement activities, many more and additionally influences all of us to accomplish furthermore.

Sri Sairam College of Engineering has a benefaction of publishing instruction to the unapprised in the community inspiring the nation into the predominance of supremacy.

Nevertheless attainment representation is considered individually; it diligently denotes a team work. I immensely realize the concrete, resolute and meticulous hard work of the principal and the staff in engendering the 17th insightful newsflash. Pertaining the convenient and practical ambiance, we are extraordinarily convinced of Prevailing with unique and resourceful height in the province of education in the impending subsistence. Again I would like to regurgitate the momentous team work of Sairam family.

PRINCIPAL MESSAGE



Dr. Y. Vijaya Kumar
Principal

I am exceedingly concerned regarding the impulsive demise of our beloved chairman Sri MJF Lion Leo Muthu, to transcribe the message for the “MINCHU” magazine, which is the collaborative collection of events, took place in the organization. The present magazine aims at cherishing the sweet memories of our institution and to proceed further to achieve the goals of the institution.

I would like to convey the readers that the institution has changed its name from “Shirdi Sai Engineering College” to “Sri Sairam College of Engineering” predominantly to be in line with the group institutions and the brand name “SAIRAM”.

I would also like to congratulate everyone who contributed for the success of the institution both in Engineering and Management Education facilitated us to enter into 18th year of its service.

It is important to mention here that, the engineering education in India is undergoing a radical transformation both in terms of quality and volume. The expectations of the corporate, society and parents are changing every day. To cope up to this challenge, there is no other option for the institution to bring qualitative initiatives like Seminars, workshops, research paper publications and presentations, sports & games, blood donation camps, NSS, FDP, project grants, industrial expeditions, placement training, placement activities and many more.

The sincere efforts by the editorial panel, faculty and staff in bringing the events & activities of the institution into the magazine are remarkably momentous.



Ms. Ann Megha James
M. Tech in Structural Engg
Lecturer, Mech Dept.



Mrs. T. Gayatri
M.E in Thermal Engg
Lecturer, Mech Dept.



Mr. Abhishek S. Makunte
M. Tech in Machine Design
Lecturer, Mech Dept.



Mr. A. Muthuvel
M.S in Research
Lecturer, Mech Dept.



Dr. C. Anil Kumar, Professor
M.E in Production Technology
Mech Dept.



Mr. Kiran Raj K H
M. Tech in Machine Design
Lecturer, Mech Dept.



Mrs. G. Ayiswarya
M.E in Structural Engg.
Lecturer, Mech Dept.



Mrs. Swetha.N
M. Tech in CSE
Lecturer, CSE Department



Mrs. M. Thanuja
M. Tech in Power Electronics
Asst. Prof, EEE Dept



Mrs. D. A. Vennila
M.E in Power Electronics
and Drives, Asst. Prof, EEE Dept.



Mrs. Nirmala
M.Sc. in Mathematics
Asst. Prof. S & H Dept.



Mrs. A. Jyothi Sireesha
M.Sc. in Physics
Asst. Prof. S & H Dept.

SAIRAM FAMILY

AMIABLY INVITES!!!

DEPARTMENT ACCOMPLISHMENTS

Project Exhibition

CSE Department

Eighteen project entries were found reported in the project expo. Held on 14th May-2015. Out of the Eighteen Projects, Nine were found nominated as the best Innovative Projects published in Press and Media.

The first prize was shared by two teams.

- 1) The project entitled "Film Piracy Avoidance using infra red Technology" under the guidance of Dr. B. Shadaksharappa (Prof & Head, CSE Dept.) with team Members Arun L, Sridhar R, G. Prathima, Shubha. V (Team One)
- 2) The project entitled "Tracking and Warning System for Fisherman" under the guidance of Mrs. Kalamani (Asst. Prof. CSE Dept.), with team members Smitha G, Smitha L, Vinitha V, Pradeep K. (Team Two)
- 3) Dr. B Shadaksharappa, Professor and Head, CSE Dept. was invited as a Special Chief Guest on the occasion of the Annual Day celebrations at Sri Venkateshwara Poly Technique College on 11th March 2015 at Banarghatta, Bangalore.
- 4) Dr. B Shadaksharappa, Professor and Head, CSE Dept. has chaired the session at 2nd International Conference on ACCE (Advances in Computer Science and Communication Engineering) on 6th May 2015 at Vemana Institute of Technology, Bengaluru-34.

ECE Department

- 1) Guest Lecture was organized for the 6th Semester Students on 11th March 2015. On this occasion, Resource person Ms. Nandhini Harinath, mission planning operation ISRO, was invited to deliver the Lecture on the topic "SATellite COMMUNICATION".
- 2) Training Program was organized for the 6th Semester Students on 11th March 2015. On this occasion, Resource person Mr. N. Rajendra, Texas Instruments Program, Edgate Technologies was invited to deliver a lecture.
- 3) Career Guidance Training Program was organized for the 6th Semester Students on 19th March 2015. On this occasion, Resource Person Ms. Sathya Bama. G, Business Head, Livewire, Bangalore, was invited to deliver a lecture.

EEE Department

- 1) 4th and 6th Semester Students has arranged a farewell party for the 8th Semester students on 18th May 2015.



- 2) EEE has received the best project award in the National level Project Expo organized by 1st IE (I) Tamilnadu State Center students & Technicians Convention and All India Seminar on Innovation, Technology and Knowledge Economy



MBA Department

- 1) Guest Lecture was organized for the 1st and the 2nd year students on 25th March 2015 from 9:30 am to 1:00 pm on the topic "Micro Analysis of Financial Statement". On this occasion, Resource Person Sri. S Chandrasekar was invited to deliver the guest lecture.



Members :

S. R. Sridhar, Professor, MECH
Dr. B. Shadaksharappa, Vice-Principal
B. Jyothi, Asst Prof, MATHS
S. Shailashree, Asst Prof. CHE
R. Vijaya Lakshmi, Asst Prof. CSE
S. Divya, Lecturer, MECH
K.P. Linija Shylin, Asst Prof. ECE
Ravi V Angadi, Lecturer, EEE
B. Sireesha, Asst. Prof. PHY

H. Venkatesh, Asst Prof. MBA
Bheemeswar Reddy .V, Placement Officer
Revathy. M, Asst Prof. Hr.Edn. Cell
Manjunath. K.N, Sports/NSS
P. Rathna, Librarian
V. Annamalai, Office
Arul Kumar. T, MATHS
D. Jayachandran, Transport

editorial PANEL

Chief Editor :
Dr. Y. Vijaya Kumar
 Principal

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

SKILLS ESCALATION PROGRAM FOR STAFF

One days Faculty development program was organized for the faculty at SAIRAM on The International organization for Standardization (ISO) Internal Auditors Training on 29th August 2015 by CMC consultants Mr. Dwarkanath and Mrs. Lavanya. The Complete Concepts of The International Organization for Standardization (ISO) Auditing such as its Establishment, subsistence and updates have been expounded comprehensively.

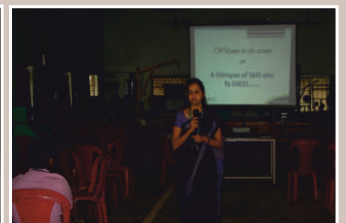
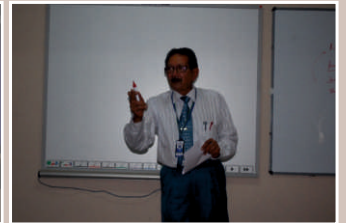


SKILLS ESCALATION PROGRAM FOR STUDENTS

Three days Students Skills Development programs were organized for the 3rd, 5th and 7th semester engineering students' on 23rd, 24th and 25th July 2015 by all the Departments which includes workshops, lecture and several competitions etc. Assorted ingenious and proficient personalities, Mr. H.S. SHIVASHANKAR, PROLIFIC SYSTEMS, BANGALORE, Mr. Ananth P. Mallya, CEO, QUANTECH ORIGIN, were invited from the most prestigious organizations' to deliver lecturers on the utmost challenging subjects and topics. Varied competitions were also organized for all the students with the prize affirmation and prize dissemination for the 1st, 2nd and 3rd prizes.

IEDC has organized a training program on C++ language and its significance in programing application for the 5th and 7th Semester Students by Mr. Srinivas, Hyderabad.

IEDC, Placement cell, has organized a Placement training program for the 3rd Semester students from all the departments by Asst. Prof. & IEDC Coordinator, Mrs. Malini K.V. She briefed regarding the Opportunities' in the job market, the significance of internships and student's endeavors like projects, paper presentations and its weightage in placements.



HEALTH Associated Endeavor

NSS not only organizes assorted programs that are accommodating for the society but also health associated programs. NSS unit has organized a Cardio Screening Campaign on 11th September 2015 for the intact staff at Sairam with the assistance of Medical Team from NARAYANA HRUDAYALAYA HOSPITAL. They have conducted varied investigations and analyses like Blood Pressure, Random Blood Sugar and Eco Cardiogram with accurate reports delivered to the participants as substantiation. Entire Sairam staff contributed optimistically in the camp constructing it to be an imposing accomplishment.



INDUSTRIAL VISIT

1) Industrial visit was organized for the 4th semester ECE students to CARBORANDUM UNIVERSAL LTD, HOSUR on 18.04.2015



2) Industrial expedition was organized for the IV and VI Semester EEE students to NAMMA Metro on 15th April 2015



3) Industrial Visit was organized for the 4th semester CSE students to NAMMA Metro on 27th March 2015.

4) Industrial visit was organized for the mechanical 7th semester students to "SHIVANASAMUDRA SOLAR PLANT" on 21st August 2015.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|--|--------------------------------------|--|---|
| Dr.B.Shadaksharappa | Professor | Presented a paper entitled "Academic Library and Cloud Computing" | 6th & 7th Mar-2015 , 1st IE(1)Innovation, Adhiyaman College of Engineering , Hosur |
| Dr.B.Shadaksharappa | Professor | Presented a paper entitled "Blue Brain" | 6th & 7th Mar-2015 , 1st IE(1)Innovation, Adhiyaman College of Engineering , Hosur |
| Mrs.PSanthi Priya Mr.B.N Jagadish | Asst. Prof Asst. Prof | International Conference, Presented a paper entitled " Gold price prediction using spiking Neural Networks" | 20th feb-2015 Salem ,Tamilnadu |
| Mrs.PKalamani | Asst. Prof | International Conference, Presented a paper entitled "A survey on Aware of Local cloud bach up storage for personal purpose" | 5th and 6th March, Vemana College of Engineering, Bangalore |
| Mrs.R.Vijayalakshmi | Asst. Prof | Presented a paper entitled "Plant disease Detection Techniques Using Canny Edge Detection and colour Histogram in Image Processing" | 6th & 7th Mar-2015 , 1st IE(1)Innovation, Adhiyaman College of Engineering , Hosur |
| Mrs.PKalamani | Asst. Prof | Presented a paper entitled " Global Wireless E-Voting" | |
| Mrs.PSanthiPriya | Asst. Prof | Presented a paper entitled "Captcha as graphical password- A new security primitive based on hard air problems" | |
| Mr.Manikattan .J | Lecturer | Presented a paper entitled "5 Pen PC Technology" | |
| Mr.Manikattan .J | Lecturer | Presented a paper entitled "PILL Camera" | |
| Mrs.K.V.Shalini | Lecturer | Presented a paper entitled "DRINA – Routing Protocol" | 26th Mar-2015 REVAMP"15, Reva University ,Reva College, Bangalore |
| Mrs.PKalamani Mrs.Vijaya Lakshmi.R K. V.Shalini | Asst. Prof Asst. Prof Lecturer | International Conference, Presented a paper entitled "Improving Data D-Duplication Efficiency by exploiting application awareness " | 5th April-2015. Bell Hotel & Convention Centre , Bangalore |
| Mrs. R.Vijaya Lakshmi | Asst.Prof | Presented a paper entitled "Plant disease Detection Techniques tool-A theoretical approach at International Conference on Computation systems for Health & sustainability" | 17th & 18th April -2015 RV College of Engineering, Bangalore. |
| Mr.Srinatha | Lecturer | Presented a paper entitled " Eye Movement based human computer interaction techniques" | 17th & 18th April -2015 RV College of Engineering, Bangalore. |
| Mr.T. K.Pradeep Kumar | Lecturer | National Conference on " Make in India" | VTU Regional office , Bangalore |
| Mr.Raghavendra Rao | Asst. Prof | Presented a paper entitled "Survey and Analysis of of technique quality images search on web" | 6th & 7th Mar-2015 , 1st IE(1)Innovation, Adhiyaman College of Engineering , Hosur |
| Mrs.Saanjana Mrs.Lorate Shiny Mr. Venkatesh | Lecturer Lecturer Lecturer | International Conference, Presented a paper entitled "Automated method for cancer pinpoint using magnetic Resonance Imaging –A Theoretical approach" | April 29th and 30th , Salem.Tamilnadu |
| Mrs.Lorate Shiny | Lecturer | International Conference, Presented a paper entitled "vehicle control system with accident prevention by using IR transiver" | April 29th and 30th , Salem.Tamilnadu |
| Mrs.Saanjana | Lecturer | Presented a paper entitled "LI-FI technology" | 6th & 7th Mar-2015 , 1st IE(1)Innovation, Adhiyaman College of Engineering , Hosur |
| Mrs.Lorate Shiny | Lecturer | Presented a paper entitled " Student Tracking System using GPRS" | |
| Mrs.C.Sharon Roji Priya | Lecturer | Presented a paper entitled " Semi Automated Cancer Localization using MRI" | |

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|-------------------------|-------------|--|---|
| Dr.B.Shadaksharappa | Professor | Presented a paper in NCRTCSIT ,entitled "Central Blood Bank Database using GPS mobile system" | April 23rd and 24th , SJCIT, Chickballapur |
| Dr.B.Shadaksharappa | Professor | Presented a paper in NCRTCSIT ,entitled "Pinion Conquer Addiction" | |
| Mrs.Saanjana.Y | Lecturer | Presented a paper in NCRTCSIT ,entitled "Plant disease Detection Techniques Using Image Processing" | |
| Mrs.P.Kalamani | Asst.Prof | Presented a paper in NCRTCSIT, entitled "TWS for Fisherman" | |
| Mrs.R.Vijayalakshmi | Asst.Prof | Presented a paper in NCRTCSIT, entitled "Patient Monitoring in Ambulance with Traffic control system" | |
| Mrs.Lorate Shiny | Lecturer | Presented a paper in NCRTCSIT , entitled "Smart Zone Sensing system with accident prevention" | |
| Mr.Manikattan .J | Lecturer | Presented a paper in NCRTCSIT , entitled "A Survey of Data Compression Techniques in Sensor Network" | |
| Mrs.C.Sharon Roji Priya | Lecturer | Presented a paper in NCRTCSIT ,"Red Tacton Based ATM" | |
| Mrs.Saanjana.Y | Lecturer | International Conference, Presented a paper entitled "Plant disease Detection Techniques Using Image Processing" | April 29th and 30th , Muthayammal Engineering college, Salem |
| Mrs.Lorate Shiny | Lecturer | International Conference, Presented a paper entitled "Comparison Of RIP , EIGRP,OSPF,IGRP Routing protocols in wireless LAN by using Opnet Simulator tool" | April 29th and 30th , Muthayammal Engineering college, Salem |
| Mrs. P. Santhi Priya | Asst.Prof | International Conference, Presented a paper entitled "A case study for opinion mining using Neural Networks: Precious metal price Prediction" | 20th April 2015, Mount Litera Hotel, Bangalore , India |

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (JOURNALS)

| Name of the Faculty | Designation | Journal Paper | Journal Name and date |
|--|------------------------------------|---|---|
| Mrs. P. Santhi Priya | Asst.Prof | Published a paper entitled "Opinion Predictor Using Recurrent Neural Networks" | British Journal of Mathematics and computer science(Science Domain) Pages:57-71,vol 8(1),Mar-2015 |
| Mrs. P. Kalamani | Asst.Prof | Published a paper entitled "Invisibility system using Image Processing and Optical Camouflage technology" | IJARSE Journal, ISSN-2379-8354 Volume 4th, Issue (03) |
| Mrs. P .Kalamani, Mrs. R. Vijaya Lakshmi Mrs.Shalini | Asst.Prof Asst.Prof Lecturer | International Conference, Presented a paper entitled "Improving Data D-Duplication Efficiency by exploiting application awareness " | International association of Engineering and technology for skill development . ISBN-978-1511486-493, Bell Hotel & Convention Centre Bangalore 5th April-2015. |
| Mrs. Saanjana | Lecturer | Published a paper entitled "Automated method for cancer pinpoint using magnetic Resonance Imaging –A Theoretical approach" | April 29th and 30th , IJIRST, ISSN 2319-8753 Volume 4, Issue(06), Salem.Tamilnadu |
| Mrs. Lorate Shiny | Lecturer | Published a paper entitled "vehicle control system with accident prevention by using IR transiver" | |
| Mrs. Sanjana | Lecturer | Published a paper entitled "Crop disease Detection Techniques Using Image Processing" | |
| Mrs. Lorate Shiny | Lecturer | Published a paper entitled "Comparison Of RIP ,EIGRP,OSPF,IGRP Routing protocols in wireless LAN by using Opnet Simulator tool" | |

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|--|-------------|--|--|
| Ms.Suganya J | Lecturer | Improving power delay product in scl circuits using source follower output power | 06.03.2015 & 07.03.2015 Adhiymaan engineering college |
| Ms.Bhuvaneswari | Asst Prof | A research on mining robot navigation and monitoring | |
| Ms.Deepa R | Asst Prof | Artificial Bionic Eye | 17.03.02015 & 18.03.2015 Adhiymaan engineering college |
| Ms.Deepa R | Asst Prof | Design of flood control and video survealence and water resources | |
| Ms Srilatha | Asst.Prof | Detection of diabetic retinopathy using image processing algorithm | |
| Ms.Dhanya G.S. | Asst Prof | Futuristic driver for LED and OLED applications | 19.02.2015 & 20.02.2015, Tamizhan college of engineering |
| Ms.Savitha H.S. | Asst Prof | | |
| Ms.Linija Shylin | Asst Prof | A novel communication OFDMA based energy efficient FFT processor | 06.03.02015 & 07.03.2015 Adhiymaan engineering college |
| Ms.Geetha R | Asst Prof | A2.4Gb/s FFT Processor based on FDM | |
| Ms.B.Srilatha | Asst Prof | Detection of diabetic from the retinal images with feature extraction using image processing algorithm | 30.03.2015 & 31.03.2015,] ACS College of engineering |
| MsA.poonguzhali | Asst.Prof | Workshop on research methodology | 03.04.2015 & 04.04.2015, Bits Pilani |
| MsA.poonguzhali | Asst.Prof | IEEE Sponsored 4th international conference entitled "Computing of power energy and communication" | 22.04.2015 & 23.04.2015, Adhiparasakthi Engg. College |
| Ms.K.Plinija Shylin | Asst.Prof | A novel communication OFDMA based energy efficient FFT processor | 28.03.02015 M.P.Nachimuthu M.Jaganathan engineering college |
| Mr.Somnath Mazumder | Lecturer | Optimization & Control for genetic algorithm based missile Control System | 20.03.2015 Dr.Pauls Engineering College |
| Mr.Somnath Mazumder | Lecturer | Published paper"Optimization & Control for genetic algorithm based missile Control System" | 13th Volume ,IJETCSE |
| Mr.H.R,Halesha | Asst Prof | Microcontroller based micro irrigation System | 17.03.2015 Adhiymaan Engineering college |
| Ms.Suganya J | Lecturer | Lekage current current reduction in combinational and sequential circuits by modifying scan chain structure" | |
| Ms.Suganya J | Lecturer | LIFI | |
| Ms.Suganya J | Lecturer | BMTC Bus pass authentication using fingerprint biometry/International | May 2015 in IJSART |
| Dhanya G.S & Savitha H.S | Asst. Prof | Computerized setup for surgical instrument and sponge tracking/National Conference | April 2015 New Prince Sri Bhavani college of Engg & Tech In IJRCCCE |
| C.Sivaprakash, G.V.Raja Santhamoorthy | Asst. Prof | A fast gesture recognition scheme for real time human machine interaction system/International | May 2015 in IJSART |
| Savitha H.S | Asst. Prof | Cockpit white box monitored by IOT/ National Conference | 02.05.2015 Vivekananda college of Engineering & Technology |
| R.Geetha | Asst. Prof | Intelligent vehicle with multitask management/ International | April 2015 IJCRD May2015 IJSRD |
| Somanth Mazumder | Lecturer | Optimization & Control for genetic Algorithm Based Nissile Control System/ International | May 2015 IJSER |
| B.Srilatha | Asst. Prof | Extraction of Blood Vessels & exudates from rational images using image processing algorithms/ International | May 2015 IJSER |

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|---------------------------|-------------|--|---|
| Dr. Y. Vijayakumar | Principal | Presented a research paper titled "Analysis And Design of Active Magnetic Bearing to Achieve Sustainable Control on Smart Machine" in International conference on Research Method in Engineering and Technology organized by International Association of Engineering & Technology for Skill Development | Hotel Bell and Convention Centre on 7th June 2015 Bengaluru ISBN: 978-1511885-033 |
| Mr. Gopinath. K | Asst. Prof | Published a research paper in international journal entitled "Design and performance analysis of Arithmetic circuits using Hybrid CMOS logic and GDI based full adder" | IJRME Volume-2, Issue 4 April 2015 |
| Ms. MaliniK.V. | Asst. Prof | Presented a technical paper in conference titled "Effective Drives with multiple expansion provision for LED applications" | SJBIT, Bengaluru 9th May 2015 |
| | | Presented a technical paper in conference titled "Futuristic drives for LED and OLED Application's " | Jamizhan College of Engineering and Technology On 19th and 20th of Feb 2015 |
| Mr. Ravi V Angadi | Lecturer | Presented a research paper titled "Analysis And Design of Active Magnetic Bearing to Achieve Sustainable Control on Smart Machine" in International conference on Research Method in Engineering and Technology organized by International Association of Engineering & Technology for Skill Development | Hotel Bell and Convention Centre on 7th June 2015 Bengaluru ISBN: 978-1511885-033 |
| | | Published a research paper in international journal entitled "Design and performance analysis of Arithmetic circuits using Hybrid CMOS logic and GDI based full adder" | IJRME Volume-2, Issue 4 April 2015 |
| Mr. T. Yuvaraja | Lecturer | Participated in two days' workshop on Advances in "Renewable Energy Technologies (ARET-2015)" | Dr. N.G.P Institute of Technology Coimbatore TN On 20th & 21st August 2015 |
| Ms. Mamatha. G. M | Lecturer | Published a research paper in international journal entitled "Design and performance analysis of Arithmetic circuits using Hybrid CMOS logic and GDI based full adder" | IJRME Volume-2, Issue 4 April 2015 |
| | | Published a research paper in international journal entitled "DSP Based Vedic Multiplier" | IJRASET Volume-3, Issue 8 Aug-15 |

DEPARTMENT OF MECHANICAL ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|--|------------------------|--|---|
| Balaji V | Asst. Prof | Wear and Mechanical Behavior of Aluminum Reinforced with Kyanite and Graphite Particulates | April-june 2015 Transactions on Engineering and Sciences ISSN: 2347-1964 (Online) 2347-1875 (Print) Vol.3, Issue 4, April-June 2015 |
| | | Design and Development of Hand Lay Up Polymer Composites for an Aerospace Application | |
| R Saravankumar Vinodkumar Biradar | Asst. Prof Lecturer | Processing & characterization of composite materials including natural fiber reinforced composites | 18/3/15- 31/3/15 Sri Sairam college of engg., chennai |
| | | Material s processing & Characterization Techniques | 10/6/15-13/6/15 SJGIT Chikkaballapura |

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|--|--------------------------|--|----------------------------------|
| Dippi Verma | Asst. Prof | Presented paper on "Economic forces and stock returns on Indian Banking index.." in national conference on Recent trends in Management | KSSEM Bangalore On 28th May 2015 |
| K. N.Manjunatha N. Harish | Asst. Prof Lecturer | Presented paper on "Social Entrepreneur as a social value creator." in national conference on Recent trends in Management | |
| V.Bheemeswara Reddy S.Venkatesh | Asst. Prof Asst. Prof | Presented paper on "Micro Finance- Way to accelerate growth & develop economy" in national conference on Recent trends in Management | |

DEPARTMENT OF SCIENCE AND HUMANITIES

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|-----------------------------|-------------|--|--|
| Mr. Prakash. V | Asst. Prof | Participated in one day workshop on Nuclear Energy and Environment. | 21/ 09/2015 at HKBK College of Engineering |
| Mrs. Jyothi Sireesha | Asst. Prof | Participated in one day Awareness Program on proposed Introduction of Choice Based Credit System (CBCS Scheme) organized by VTU. | 7/ 06/ 2015 at BNM Institute of Technology |

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|--|--------------|--|--|
| Chaithra R S. Srijayanth | IV-A | participated in "classical vocal competition " | 27th to 31st Mar-2015, VTU Youth festival,VTU Belgaum |
| Divya S.N Prajwala R reddy | VI A | Presented a paper entitled "Plant disease Detection Techniques tool-A theoretical approach at International Conference on Computation systems for Health & sustainability" | 17th & 18th April -2015 RV College of Engineering, Bangalore. |
| Sarada T Monisha S | VI B VI A | Presented a paper entitled " Eye Movement based human computer interaction techniques | 17th & 18th April -2015 RV College of Engineering, Bangalore. |
| DivyaRKrishan Abhiruthachattirajee | IV- A | Presented a paper entitled "GREEN TECHNOLOGY –WIND" | 29th April-2015 AMC College of Engg Bhanaghatta, Bangalore |
| AswathSivaswamy S.Srijayanth | IV-A | International Conference, Presented a paper entitled "Crop disease Detection Techniques Using Image Processing" | April 29th and 30th , Muthayammal Engineering college, Salem |
| DivyaRKrishan Abhiruthachattirajee | IV- A | International Conference, Presented a paper entitled "A survey on aware of Local –Global cloud back up storage for personal purpose" | 6th May 2015, Vemana Institute of technology Bangalore |
| Sunitha N Shilpa M | VI B | Presented a paper entitled "Child rescue system against open borewell in agricultural field in India" | 10th May 2015, Basavan KalyanEnggCollege,Bidar "Won Best Paper award " |
| Divya S.N | VI A | International Conference Presented a paper entitled "Detection of Fibroid using Image Processing Techniques" | 6th May 2015, Vemana Institute of technology Bangalore |
| Prajwala R reddy, Naveen S Madhavan | VI A | International Conference Presented a paper entitled "Optical Driving System using Wireless Helmet" | |
| Kishan Kumar Jha Bhavya G | VI A | International Conference Presented a paper entitled "Detection of Diabetic Letivopary using feature systrotron for Image Processing" | |
| SagarPrabhu U Arshitha R | VI A | Presented a paper entitled "Traffic Congestion Control through vehicle to vehicle and vehicle to Infrastructure" | 29th April-2015 AMC College of Engg Bhanaghatta, Bangalore |
| S.N Divya | VI A | Published a paper entitled "Detection of Fibroid using Image Processing Techniques" | March 20th , IJETA,ISSN 2250-2459 Volume 5, Issue 3. |

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|----------------------|-----|--|---|
| S.Thirumalai | VI | IEEE Sponsored 4th international conference entitled "Computing of power energy and communication" | 22.04.2015 & 23.04.2015, Adhiparasakthi Engineering College. |
| Geethanjali | VI | Lekage current current reduction in combinational and sequential circuits by modifying scan chain structure" | 17.03.2015 Adhiymaan engineering college |
| Arun Kumar | VI | Undergone in plant training topic "Fundamental of Telecom" | 15.07.15 to 17.7.15 & 20.7.15 to 21.7.15 in Hosur BSNL |
| Geethanjali | VI | LFI | 17.03.2015 Adhiymaan engineering college |

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|--|------|--|----------------------------------|
| Lakshmidivi. H.A, Manu. G, Gokul. B.S, Shobithkumar Singh | VIII | Presented a technical paper in conference titled "Suvadhan- \The Kiosk for ration distribution for deserved" | 9th May 2015 SJBIT, Bengaluru |

4th, 7th & 8th Semester Students from CSE Department presented 13 assorted categories of papers in a National Conference on “Recent Trends in Computer Science and Information Technology” NCRCSIT 2015 on 23rd and 24th April 2015 at SJCT Chickballapur.

Students from 2th, 4th, 6th & 8th Semester from all the Departments Participated and presented 42 assorted categories of papers in the 1st IE (1) Tamilnadu State Centre for Students and Technicians Convention & All India Seminar on “INNOVATION TECHNOLOGY AND KNOWLEDGE ECONOMY” on 6th and 7th March 2015 at Adhiyamaan College of Engineering, Hosur, Tamilnadu.

LIBRARY DEPARTMENT

1) Department of Library systematized Library week Celebrations from 11th to 16th February 2015.

On this occasion, writing competition was organized for the students' on the Contemporary Trends and Technologies in the realm of Engineering, Students' were fortified to contribute books generously to the library facilitating others students to utilize them sanguinely, E-journals user training program was also organized for the final year students.

2) As a Tribute to Dr. A P J Abdul Kalam, memorial Competition was organized on 3rd August 2015.

On this occasion, “IGNITE – GENERATE IDEAS” competition was organized for the students to engender resolutions for the ensuing problems like “How to make the Planet Earth Accommodating” using the Technology, “Innovative ways to make the Parliament more Productive and vibrant”, “Youth Responsibility towards fulfilling Dr. A P J's Dream of “Building India into Super Power” by 2020.

“NECTAR - Summarize the Legend's thoughts”, Summary writing competition was organized for the students' with the topics like “Vision 2020”, “Target 3 Billion”, “what can I Give Mission”, “Corrupt free India” and “I can do it – we can do it – India can do it”



IEDC

- 1) IEDC has organized an annual event I2U 2015 - Idea Marathon contest Level -1 on 11th May 2015, with an objective to promote innovative projects among the students. Diligently 54 teams from all the departments of the 6th semester students participated in this competition. The vibrant innovative ideas on the latest technology platform were presented. The team of EVALUATORS comprises of Dr. Nataraj, SJBIT, HOD ECE Dept., Dr. Prabhu, HOD., Automobile Dept., New Horizon college of Engineering, Mr. Shubendu Sharma, CEO, B2C startup, Bengaluru, and Mr. Ananth P. Mallya, CEO, Quantech origin, Bengaluru.
- 2) IEDC has organized a project exhibition "CARPE DIEM'15-seize the day contest for the pre final and final year students on 14th May 2015 at Sairam. The squad of Evaluators comprises of Dr. Kayarvizhy N, CSE Department, BMS Engineering College, Bengaluru, Dr. N. B. Doddapattar, Principal, Dr. Sri. Sri. Sri. Shiva Kumar Mahaswamy College of Engineering, Bengaluru. Chief Guest Mr. Anbazhagan. V, General Manager, TVS Motors, Hosur, Addressed the students and appreciated them for their innovative ideas and disseminated the prizes for the best projects from all the departments.
- 3) Workshop on "PLC, SCADA AND AUTOMATION SYSTEMS " was organized on 23rd July 2015 for the 5th and 7th semester students of all the domains by H. S Shiva Shankar, Prolific Systems, Bengaluru, where the importance of automation systems in the field of engineering was deliberated. The students were offered the technology back up to open a new venture in the field of automation industry as well.
- 4) One day workshop was organized on 24th July 2015 with the topic "Entrepreneurship and start up culture" by Mr. Ananth P. Mallya, CEO, QUANTECH ORIGIN, Bengaluru, for the final and pre final year students of all the branches. The students discussed the barriers of entrepreneurship, sustainability and incubation support for the development of products.

- 5) Y TO B (Youth to Business) TALK SERIES was organized on 4th September 2015. It began with talk-1 by Mr. Anand G Naik, CEO and Director, Bored Bees IT Solutions, Hubli. Mr. Anand won the youngest entrepreneur award. The honors were performed by Mr. Narayan Murthy and Mr. RATAN TATA, Tata Motors Limited. He cataloged regarding the entrepreneurship and its prominence in global market. He motivated the students and shared his experience on entrepreneurship and also briefed about the opportunities provided by his company to the youth to promote the Entrepreneurship through projects to products modules.
- 6) I2U 2015-Idea Marathon Contest- Level-2 was organized on 9th September 2015 to select ten preeminent innovative concepts from thirty six teams nominated from Level -1 Contest, appraised by Prof. A. G. Suresh, HOD, EEE Dept., Bengaluru, and Mr. Madhu Sudan G. Fouzdar, Director, Harichan Technologies, Bengaluru.



CSE DEPARTMENT PROJECT GRANTS

| | | |
|-------------------------|---|--|
| Project Grants | : | Department of Computer Science Engineering |
| Project Name | : | Centralized Blood Bank System Using GPS mobile systems |
| Proposal Ref.No | : | 38S0574/2014-15 |
| Funding Agency | : | KSCST |
| Sanctioned Amount | : | Rs.4000/- |
| Name of the Coordinator | : | Dr.B.Shadaksharappa |

ISTE BEST STUDENT AWARDEE'S COMPLIMENTARY INTERROGATE

Interviewer (Luther): First of all I would like to congratulate you on your accomplishment for receiving the most prominent Student Award ISTE Karnataka Chapter.

Interviewee (Padma): Thank you very much sir.



1) Please do introduce yourself?

a) My name is Padma G. N, residing at Tumkur. I am the only daughter to my parents. My father Mr. Nagarajappa, is a farmer and my mother Mrs. Nagaveni, is a housewife. I am perusing BE in Electrical and Electronics Engineering at Sri Sairam College of Engineering. I have completed my SSLC from a Government School with an aggregate of 71.2% and PU from Sri KMM PU College with an aggregate of 72.66%. In the Engineering, I secured third place for my academic performance in the first year, second place in second year and again first place in the third year successively and I obtained an alumnus scholarship as well. My Strength: I am a Quick learner with optimistic attitude adoptable to any learning circumstances. My Weakness : I never feel comfortable until i finish my endorsed work.

2) What do you discern about ISTE?

a) ISTE is a National, Professional and non-profitable society registered under the Indian society's registration act in the year 1860. It was initiated way back in the year 1941 as the associative of principals of technical institution (APJ.) Later it was adapted into ISTE in the year 1968 with a prospect to expand its accomplishments and perceptions to develop the foundation of technological education. ISTE does possess an executive council at the national level as well.

3) After accomplishing the preminent student award ISTE Karnataka chapter?

How do you envision it?

a) I am exceptionally ecstatic concerning my success. It is a privilege for me to receive this significant compliment. I would like to absolutely acclaim the God Almighty who blessed me to perform well, My parents who incessantly fortified & supported me in every walk of my life, My entire Electrical and Electronics Department faculty who facilitated me pedantically and my beloved friends who persistently stood back of me! I will unceasingly endure indebted to all of them.

4) How is ISTE facilitating you in succeeding academic life?

a) Technology is an in dispensible component in the proposal of effective learning and teaching ambiance. These days Proficient learning communities and better prospects are impulsively accessible to the any educationalists.

ISTE patronages and provides the most promising platform to all its associates with uncompromising commitment fetching their skills and standards to the educators in contemporary learning environment where they can flourish & procure the expertise and acquaintance they necessitate to accomplish in a connected and miniature world.

ISTE also ensures this by employing effective practice of technology which is a key foundation for supporting scholastic accomplishment by engaging exceedingly extraordinary standards in learning competently and living prolifically.

5) As the corporate anticipates a multifaceted progress to be the only solution for a successful career? What are your opinions?

a) Except change nothing is enduring in this challenging world. Change is an essential issue of life either we do prefer or we don't. Therefore one should persistently remain observant, keep learning & modernizing his/her knowledge & expertise as per the prerequisite. One of the precise recipes for a superior career possesses an exclusive set of Accomplishment Competencies and Education ahead of all others.

6) What are your impending procedures?

a) I do always love to aim prodigious and accomplish excessively as well. I am scheduling to procure an employment in a prominent organization, be affluent in both my personal & professional life. I do always prefer and desire taking care of my parents at their old age.



PADMA G. N
7th Semester
EEE Department

PLACEMENT APERTURES



The minutiae of the most privileged and assorted companies that have systematized the interviews efficaciously at our organization and selected the final year students as on date 31st July 2015 are furnished below. The Customary Manifestations still endures.

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COMPUTER SCIENCE & ENGINEERING



SPOORTHY S
I sem - 82.50%



SURAJ S
I sem - 81.54%



DIVYA.R.KRISHNAN
III sem - 77.33%



Likitha B.A
III sem - 75.33%



PAVITHRA.V
V sem - 74.67%



SHREYA.H
V sem - 72.56%



ARVIND M RAJ PUROHITH
VII sem - 74.89%



SOWMYA.N
VII sem - 80.11%

ELECTRONICS & COMMUNICATION ENGINEERING



Manoj Kumar. S
I SEM- 89.29%



Punithkumar. N
I SEM- 78.96%



Bindhu.S
III SEM- 83.44%



Jeyaramanan.S
III SEM- 73.88%



Pooja Mohan Shet
V SEM-82.4%



Sitara Pradeep Goudar
V SEM-79.4%



Raagapriya
VII SEM-79.8%



ANUPAMA. M
VII SEM-78%

ELECTRICAL & ELECTRONICS ENGINEERING



SAIPRIYA. M
I SEM- 74.4%



J. BHAVANISINGH
I SEM- 71%



GLEN PAUL
III-SEM- 70.44 %



PADMA.G.N
V SEM-74%



N. VEDALAKSHMI
V SEM-70.67%



LAKSHMIDEVI.H.A
VII SEM-79.22%



NISCHITHA.C
VII SEM-77.77%

MECHANICAL ENGINEERING



MANIKYA S
I SEM- 74.70



K BANUKIRAN
I SEM- 73.41%



PRAVEEN
III SEM- 74.6%



H R GAGANDEEP
III SEM- 73.5%



ABIJITH K C
III SEM- 71.6%



PUTTARAJU
III SEM- 71.6%



Bratankumar
V SEM- 76%



Siddalingayya V
V Sem- 72.8%



V Bhuvaneshwaran
V SEM- 71.6%



M BALAJI
VII SEM- 79.3%



K V SHASHIKUMAR
VII SEM- 76.7%

TOPPERS

DEPARTMENT
JAN -2015 VTU Exams

MASTER OF BUSINESS ADMINISTRATION



Pintu Kumar Singh
1SB13MBA04 - 73%



R. Srikanth
1SB13MBA08 - 69%



Muniratna K
1SB14MBA05 - 72.5 %



Krishnaveni
1SB14MBA04-71.2%

BRIDGE COURSE SYSTEMATIZED

Two days PUC - Engineering Bridge Course was organized for the pre-university accomplished students' on 12th and 13th June 2015. The celebration began on 12th June with invocation song by rashmita and team followed by the lighting of the lamp by the grandees, The Principal, Dr. Y. Vijaya Kumar, Sri Sairam college of Engineering, Vice Principal, Dr. Shadakshrappa, Management Representative, Mr. R. Arun Kumar, Trust office Manager, Mr. R. Maheshwar, SSPU college Principal, Mrs. Komala, convener, Mr. V. Bheemeswar Reddy, CMC Consultants, Mr. Dwarkanath and Mrs. Lavanya.

On this occurrence, more than a hundred students' reported from Andhra Pradesh, Tamilnadu, and Karnataka states and procured the advantage of the celebrations.

Respective HOD's of the concerned Departments' organized separate sessions for the students' separating them according to their interests. Alumni from different branches addressed the students exclusively concerning the significance and the career opportunities'.

Valedictory function was organized on the 13th June 2015; the dignitaries distributed the certificates to all the participants.

Vote of thanks was proposed by the convener Mr. Bheemeswar Reddy. The celebration was concluded with the National Anthem.



14th GRADUATION DAY Celebrations



The 14th Graduation Day Celebrations began at 10:30 A.M on Sunday 24th May 2015 with the arrival of the Distinguished Grandees, Sri Sai Prakash Leo Muthu, CEO & Managing Trustee, Sri Sairam Group of Institutions, Chief Guest, Sri. R. Ramalinga Reddy, Honorable minister for Transport, Govt. of Karnataka, Guest of honor, Dr. S. A. Kori, Executive Director, Karnataka State Higher Education Council, Govt. of Karnataka, Dr. Y. Vijaya Kumar, Principal, Sri Sairam College of Engineering and all the heads of the Departments, in a Pedagogic cavalcade with the accompaniment of the band to the venue. The Personages festooned the dais and lit the lamp after the customary invocation song by Chaitra & team. The 14th Graduation day was asserted open.

On this incidence Dr. Y. Vijaya Kumar affably invited all the celebrities, Faculty, the governing council members, Principal, Pre-University College, Graduands, Parents, the Media and all the invitees arrived to the Graduation Day festivities. He officially announced that the Higher Education Review Magazine has incessantly accredited our Institution to be the best College of the year 2014 for the second time as well. Data Quest magazine has ascribed our organization rating it as 10th in Bangalore, 13th in Karnataka and 83rd in India.

In his Presidential address Sri Sai Prakash Leo Muthu acclaimed all the Graduands on their exultant conclusion of graduation.

Dr. S.A. Kori, Executive Director, Karnataka State Higher Education Council, in his exceedingly generous discourse applauded all the Graduands on their efficacious accomplishment of the graduation

The Heads of the assorted Departments pronounced the Graduands discretely; The Guest of Honor executed the honors. The principal, Dr. Y. Vijaya Kumar administered the pledge to the Graduands. The CEO confirmed the Graduation day closed.

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

MOMENTOUS INTERPOLATION

It has been a wonderful nostalgic experience coming back to a college fest, the projects' funding concept and the idea of encouraging entrepreneurs' at a budding level is commendable. Lot of talents all around are nurtured and polished. I wish all the best to the management, staff and congratulate them for running a super show. Thanks for making me a part of the college.

S. HEMANTH KUMAR
RECRUITING MANAGER
EMIDS, BENGALURU.

This is one of the best induction programs I have ever witnessed. I wish the founder, and the students, all the very best. Congratulations!

H.NANDI
MANAGAING DIRECTOR
MROTEK
INTEGRATING NEXT GENERATION NETWORKS
BELLARY ROAD, HEBBAL, BENGALURU.

S P O R T S SUBSTANTIATION

VTU inter colligate south zone kabaddi tournament held from 24th to 26th April 2015 at APS College of Engineering, SSCE. Was the winner in this competition Campaign!



www.sairamce.edu.in

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