



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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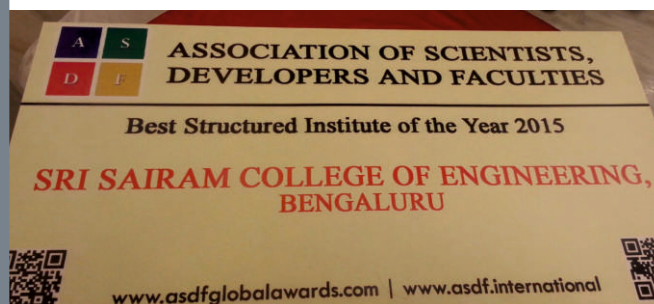
the campus buzz...



NEWS EPISTLE



**"ASDF GLOBAL AWARDS V.5.0
HAS PROCLAIMED AND AWARDED "THE
BEST STRUCTURED INSTITUTE OF THE YEAR
2015" TO SRI SAIRAM COLLEGE OF
ENGINEERING, BENGALURU"**



ಮಿಂಚು



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

C.E.O MESSAGE

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 paper publications and presentations, sports & games, blood donation camps, NSS, FDP, project grants, industrial expeditions, placement & training accomplishments. Which furthermore inspires all of us to achieve additionally.

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 considered individual, but it is always a meticulous team work. I would like to commend the constant hard work of the principal & the staff in generating the 18th Newsletter.

We do always strive to remain ahead in the field of education with the most exclusive and ingenious methods of teaching in the forthcoming years.

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

PRINCIPAL MESSAGE



It provides me an immense pleasure to present the record of the recent document for the "MINCHU" newsletter, which is the collective information of the proceedings that took place in our organization. I would like to acclaim everybody who contributed for the achievement of the organization facilitating us to inflow into the 19th year of service in the technological education. The genuine and extensive efforts of the editorial panel, faculty and the staff in engendering the procedures and endeavors of the institution are extremely essential.

It is imperative to remark now that the Technological Instruction in India is enduring a Major Makeover 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, FGP, project grants, industrial expeditions, placement training and placement undertakings and many more.

The current periodical intends to treasure the tender memoirs of our organization empowering us to ensue and accomplish additional objectives for the expansion of our establishment.

Dr. Y. Vijaya Kumar
Principal

editorial PANEL

Chief Editor :

Dr. Y. Vijaya Kumar
Principal

Editor :

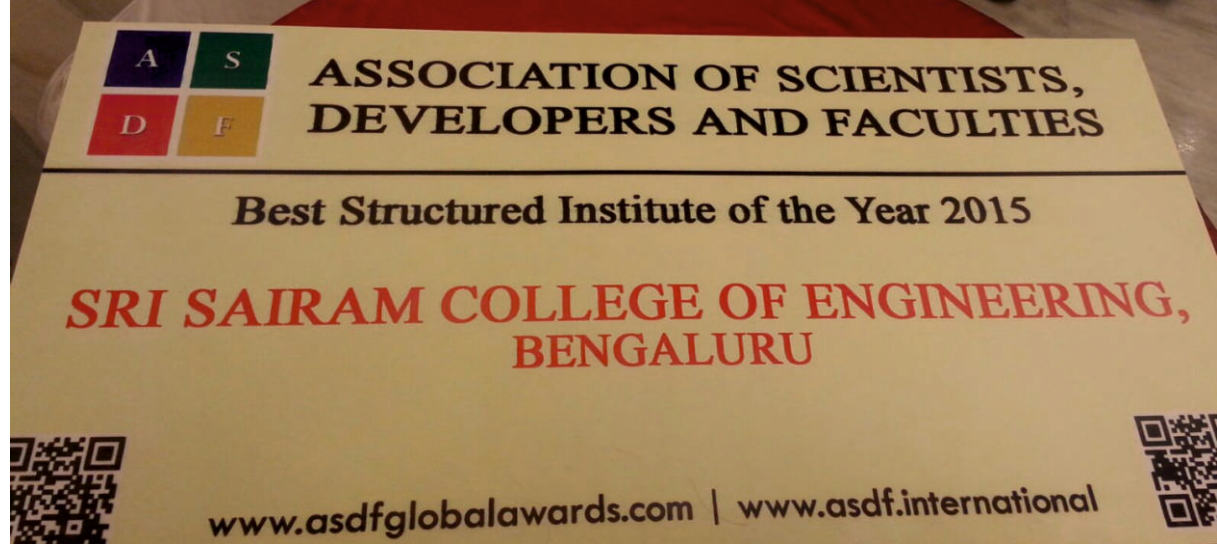
P. Luther Benny
Asst Prof. in English
Dept of Science & Humanities

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
C. Narayana Reddy, Transport

INCOMPARABLE ENDEAVOR



This time again SSCE has arrived into newslash with the most prominent Global Awards v.5.0 by ASDF (Association of Scientists, Developers and Faculties, International) as the “The Best Structured Institute of the year 2015, on 30th December 2015 at Shenbaga Convention Centre, Puducherry, Republic of India. Correspondingly the ASDF has presented a memento, Certificate and a Shield to the institution. Additionally, we will procure a certificate of validation for the same from the PMO (Prime Minister Office) very shortly.

As a routine practice, Our organization phenomenally ascertains itself to be the one and only destination in the realm of education in and around Bengaluru, Where you can Definitely conclude your search and journey of aspiration for Knowledge, perception, Intelligence, Innovation, creativity, Placement openings, and the most promising & exceptional career to be absolutely accomplished at Sri SAIRAM College of Engineering, facilitating it persistently to endure the one stop destination for Technological Education in Karnataka.



MECH ROCKZ



Department of Mechanical Engineering and Electronic Communication Engineering student's Team **"MECHROCKZ"** comprising of 21 potential Engineers participated in National Level Vishnu Go-Karting Championship held from 22nd to 25th January 2016 in Bhimavaram, Andhra Pradesh at Shri Vishnu Engineering College for Women, under the captainship of Mr. Mahesh M and Mr. Kiran Kumar M.

The Vishnu Karting championship was intended to provide a prospect to the students to experience the challenges in go kart racing and enhance expertise in associated technologies. Irrespective of the discipline, a team was formed comprising two departments, to learn and share the knowledge of Designing and Engineering the go kart vehicle.

This Technologically Pioneering and Ingenious team conceded the technical inspection as 3rd team, 2nd team in Business plan and rain test. This prodigious Team secured 2nd Position in Virtual Design and Endurance rounds, 4th Position in innovation, 5th Position in weight test and Overall ranking in the National Event correspondingly. The Team demonstrated an exceptional portrayal in the Endurance round with 40 laps accomplished by the Go-Karting pilot Mr. Prasanna Venkat.

All these achievements would not have been probable without the optimistic and incredible patronage facilitated and demonstrated by The Management Representative, Mr. R. Arun kumar, Principal, Dr. Y. Vijaya kumar and Mechanical HOD. Mr. Sivasakthi Balan.



NOTEWORTHY PROCEEDINGS

CSE DEPARTMENT:

- 1) International Conference was organized on 5th November 2015 at SSCE and published 50 papers in the Journal titled "Bonfring International Journal of Software Engineering and Soft Computing" VOI-5, with ISSN no 2250-1045.
- 2) Assorted Guest Lecturers were scheduled for the 3rd semester Students' on the problematic subjects like Data Structures, Object Oriented Programming with C++, Electronics Circuits, and Logic Design.

ECE DEPARTMENT

1. Technical Seminar was pre arranged on "Latest trends & technology" for the 5th & 7th semester students by Global Logical Software Technologies at our Campus on 3.09.2015.
2. Guest Lecture was structured on "Electromagnetic waves" (Field Theory) for the 3rd semester students by Dr. Chaithanta Kumar, Prof. IETE, Bengaluru on 14.09.2015.
3. Guest Lecture was scheduled on "Network Analysis" for the 3rd semester students by Prof. Y. Pavan Kumar, BIT, Bengaluru on 29. 10. 2015.

EEE DEPARTMENT:

- 1) National Level Conference in association with bonfring publications on "Futuristic Trends in Integration and Computing Techniques" (NCFPIC) was organized at SSCE on 07th November 2015. All the nominated and presented papers are published in the "International Journal of Power System and Integrated Circuits" (IJPSIC) in an Exclusive Edition with ISSN no 2250-1088.

The Conference was intended to provide a platform for the UG/PG scholars, Academicians/ Research Scholars and Industrial Experts to explore their innovative competencies and keep pace with the modern technical expansion and introduce them to the students' for their curriculum and also set the trend for the potential engineers in their area of their interest, thereby motivating, providing prospects and creating value by incessant research Endeavors'. The conference includes assorted other non-technical events like Dart, Circuit Race, Mad-Ads, Crazy Ludo and Pot Puri as well.



MECH DEPARTMENT:

- 1) Guest Lecture was scheduled on the topic "A Comparative Study on Management and Entrepreneurship" for the Mechanical students' by Sri.V.Annamalai at Sri Sairam College of Engineering, Anekal, on 18th August 2015.
- 2) Guest Lecture was prearranged on the topic "Building a Sustainable Future" by Sri. MS. Aakriti Sharma at PR & Media Symbiosis Institute of International Business, on 22nd August 2015.
- 3) Guest Lecture was arranged on the topic "Mechanics of Materials" by Dr. Nagarja Gupta at East West College of Engineering on 14th September 2015.
- 4) Guest Lecture was organized on the topic "An Introduction about Gyroscope" by Dr. P.L. Srinivas Murthy at M.S. Ramaiah Institute of Technology, Bengaluru, on 20th October 2015.
- 5) Guest Lecture was structured on the topic "An Introduction about Basic Thermodynamics" by Sri. Chellappa at Sri Sairam Group of Institution, Chennai, on 3rd November 2015.
- 6) Guest Lecture was intended on the topic "Design for Fatigue Strength" by Dr. N C Mahendra Babu at B M S College of Engineering, on 6th November 2015.
- 7) Guest Lecture was organized on the topic "An Introduction to Steam Turbine" by Sri. Chethan G. R at Acharya Institute of Technology, Bengaluru, on 7th November 2015.

HIGHER EDUCATION CELL

Education testing services (ETS) is a group which organizes GRE- exam worldwide. ETS in collaboration with Magnus event and our College Higher Education Cell organized an awareness program about GRE-exam for all the second and third year students on 16th September 2015 at SSCE.

QUIZ COMPETITION

TCS-Tech Bytes Quiz Competition for this year was organized at Mysore (SJCE) on the 3rd March 2016. 10 teams from SSCE participated in this contest with the team members Mr. Rajeev S. & Mr. P. Lande from 6th sem. ECE Department, secured 2nd prize for the Bangalore & Mysore Region with the cash prize of Rs.8000 along with certificates and prizes. The team was also proclaimed as the "Best Team" for their Cool, Calm & Stress Free Contribution. Mr. Srijayanth, from the 6th semester, CSE Department, grabbed the Audience Appreciation Prize in this competition as well.

The Program was prolifically lead by the program Coordinator, Head of the CSE Department & Vice Principal, Dr. B. Shadaksharappa, with the Members, Mrs. P. Shanthi Priya, Mr. Jagadeesh B, Mr. Manikandan J, Mr. M. Venkatesh Kumar, Mrs. Lorate Shiny and Mr. A. Raghu from the CSE Department.



NOTEWORTHY PROCEEDINGS

IEDC

Time and time again, IEDC has a history of organizing immeasurable agendas to accommodate and facilitate the students' to exceed in the realm of technology. In this connection, 6 days IOT (Internet of things) Workshop was organized for final year students' of all the domains from 13th to 20th October 2015 by IOTA CELL / Glia Services Pvt. Ltd, Bengaluru. 159 students were found registered for the program.

On this occasion Mr. Sujeet Kumar Mishra, Co-Founder, Glia services Pvt. Ltd was invited as the Chief Guest. In his career, formerly he was also associated with Qualcomm Inc. in the Digital Front-end Design & Verification team and Wipro Semiconductor IP division. To his acclaim, he has trained more than a 1000 students and professionals on IOT and related technologies.

On all the 6 days, students' were trained exclusively on the issues like "Introduction to IOT and the technologies behind it", "Familiarity with the Raspberry Pi Platform", "Hands-on with Linux and VI Commands", "Introduction and basic coding in Python Language", "Introduction to Interfacing with Raspberry Pi", "Hands-on with MQTT Protocol" and Reading Digital values in the Raspberry Pi etc.

The program begun with the inaugural function on 13th October 2015 at 10 am with the invocation song by Chaitra & team, followed by Lighting of the lamp by the dignitaries.

Chief Guest, Mr. Sujeet Kumar Mishra, in his discourse, briefed the Significance of the connectivity, advanced technologies, features and industry expectations. He also cited a survey from Cisco on IOT and prominence of it in the upcoming days.

The Principal, Dr. Y. Vijaya kumar, SSCE, in his Presidential address, spoke about the significance of connectivity, controlling through handheld devices and quoted an example of controlling the home automation systems, smart cities and integration of controlling with the gadgets. He commended the students' who are keen in learning the new technologies to apprise themselves frequently in today's competitive world.

The program was concluded with the vote of thanks proposed by IEDC coordinator, Mrs. Malini K V. She expressed a profound gratitude to the management, Teaching & Non-Teaching staff and Students, who facilitated the program to be a grand success.



INDEPENDENCE DAY

69th Independence Day Celebrations were carried out on 15th August 2015 in the college campus magnificently. On this opportune occasion many cultural programs were also organized.



TEAM VARUNA

Project "VARUNA" participated and represented SSCE in the 4th International Autonomous Underwater Vehicle SAUVC 2016 - Final Competition at Singapore, organized by National University of Singapore in association with India Partner IEEE-OES from 4th March to 6th March 2016.

This competition intends to provide an opportunity to the students' to experience the challenges of AUV system engineering and develop skills in the associated technologies. The focus is on autonomous operations in a swimming pool format, rather than remote control in a small tank, and it is aimed at University and Polytechnic students. The Singapore AUV challenge emphasizes on outreach, learning and skill expansion. The competition is open to Singapore and international participants as well.

The meticulous and industrious efforts substantiated by the students and the faculty advisors Mr. A. Muthuvel and Mr. Harish Babu will always endure to be considerably noteworthy.

Project VARUNA is a new autonomous underwater vehicle developed by a team of undergraduate students at Sri Sairam College of Engineering.

The Sri Sairam College of Engineering Autonomous Underwater Vehicle team's main object is to design and build an autonomous underwater vehicle which can move automatically and find target and find a path to reach the target without human interaction by the help of Image Processing. The AUV is an integral product of many end-to-end projects that necessitate extensive hands-on experience.



1)Beauty is when you can appreciate yourself. When you love yourself, that's when you're most beautiful- Zoe Kravitz

REPORT ON TWO DAYS FACULTY DEVELOPMENT PROGRAM

Enduring its bequest in the empire of education for the past eighteen years, as a momentous and predictable provision for every semester, Sri Sairam College of Engineering has organized two days' workshop on faculty expertise escalation program. Considering the faculty as one of its divergent absolute resources, this program has been initiated and arranged for the persistent subjective and proficient growth of all the faculty members, which is exceedingly obligatory for the determined sovereignty and verve of the organization.

The two days schedule was categorically well envisioned, systematized and accomplished pedantically by the Department of Science and Humanities on 18th & 19th January 2016.

The preliminary function was inaugurated with the invocation song to lord Ganesh by Priyanka. P. Namitha. K. Teenashree. P. S. Geetha and Manasa. N. All the Personages, The Principal Dr. Y. Vijaya Kumar, Vice Principal Dr. B. Sadaksharappa, Management Representative Mr. R. Arun kumar, Resource Personnel Sri. Eregamani, AGM & Head- TQM & TPM, Corbarandom Universal Ltd, and Dr. Janaki Ramudu, Dean, Alliance University, and all the concern Department HOD'S were invited to light the lamp.

Vice Principal, Dr. B. Shadaksharappa in his invitational discourse 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 subsidizing the proposal to organize two days' workshop on faculty expertise escalation program.

Management Representative Mr. R. Arun kumar in an exceptional assertion commended the entire faculty for their meticulous and exceeding Gnana Sourabha endeavors. He mentioned about the novel method of LCD projector based teaching being introduced for the first years. Principal, Dr. Y. Vijaya Kumar, in his distinctive dialogue enunciated a very warm welcome to the entire Sairam family to the even semester after the efficacious conclusion of the odd semester anticipating optimistic results. He mentioned the significance and relevance of Faculty development program for a better tomorrow.

As per the schedule,

On the first day (18th January 2016): In the first session, The First resource personnel of the day Sri Eregamani, delivered a dialogue regarding the Corporate Expectations. He suggested having a very close and appropriate communication amongst the industry and the institution.

On the first day (18th January 2016): In the second session, The second resource personnel of the day Dr. Janaki Ramudu, delivered a discourse concerning the Role and Future Challenges of a Teacher in the Context of Creative Economy and Higher Education Employability Scenario with certain major agents discussed.

On the second day (19th January 2016): A trip was arranged for the entire Sairam family to the Pyramid Valley International at kebbadoddi village, harohalli, Bengaluru. The expedition in the Pyramid Valley International initiated with a twenty minutes video presentation on the principles, advantages and secrets of meditation with questions entertained and clarified by the experts in meditation.

Valedictory ceremony was systematized and the certificates were disseminated to all the Associates in the Sairam family on their triumphant attainment of two days faculty expertise escalation program.

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 two days faculty development program.



TEACHERS DAY

With respect to Dr. Sarvepalli Radha Krishnan's 53rd birthday, Teachers day was celebrated on 5th September 2015. As a mark of commendation to all the teachers, the management presented gifts to the entire faculty for their meticulous services rendered for the organization. On this occasion, various cultural programs were also organized.



MOMENTOUS EXCLAMATION

Dear Dr. Y. Vijaya Kumar,
This is one of the best Induction Programs I have ever attended.
I wish the Founder, entire staff members, all the very best!

H. Nandi

Managing Director, MROTEK

It has been a wonderful nostalgic experience coming back to a college fest, the projects, funding concepts and the idea of encouraging entrepreneurs' at a budding level is commendable. Lot of talents all around, nurtured and polished.

I wish all the best to the management and staff, for arranging a super show!

Thanks for making me a part of the college day.

S. Hemant Kumar

Recruiting Manager, EMIDS, Bengaluru.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|------------------------|-------------|---|--|
| Ms.Suganya J | Asst Prof | Published a paper entitled " Automatic Gas Cylinder Management" | September 2015 in IJLTEMAS Journal Publication |
| Ms.Bhuvaneswari | Asst Prof | Published a paper entitled " Extraction of Diabetic and Eye Diseases From the Retinal Image & Using Image Processing Algorithm" | Dec 28-09-2015 in IJAER held at RNSIT |
| Ms.Deepa R | 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 |
| Ms.Deepa R | 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 & 19 2015 GITAM University Vishakapatnam |

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|----------------------------------|-------------|---|---|
| Mr. Venkatesh Murthy. B.S | Asst. Prof | Published a research paper in international journal entitled "Design Implementation and performance evaluation of High speed ARM processor based under and over voltage protective relay" | IJAREEIE Vol-4 Issue-9 September 2015 |
| Ms. M. Thanuja | Asst. Prof | Published a paper in international journal entitled "Analysis of Positive and Negative Clamping sequence based on SVPWM approach" | IJPSIC Special Issue ISSN 2250-1088 7th Nov 2015 |
| Mr. Gopinath. K | Asst. Prof | Published a paper in international journal entitled "A New HMI Composition regarding clever Grid Program" | IJPSIC Special Issue ISSN 2250-1088 7th Nov 2015 |
| Ms. Malini.K.V. | Asst. Prof | Published a paper in international journal entitled "Usage pattern controlled energy meter in conjunction with mobile network" | IJPSIC Special Issue ISSN 2250-1088 7th Nov 2015 |
| | | Participated in workshop "Smart Grid and Smart Metering" | CMRIT, Bengaluru 1st to 2nd October 2015 |
| | | Participated in " National Faculty Development Programme in Entrepreneurship" organized by Entrepreneurship Development Institute of India | EDI Regional Office, Bengaluru 18th to 30th Jan 2016 |
| Ms. Ramya. K | Lecturer | Published a paper in international journal entitled "Analysis of Spectrum hole in DVB- T Band" | ISJTAS, Issue-8, Vol-28 30th August 2015 |
| Mr. Madhavarao. J | Asst. Prof | Published a paper in international journal entitled "Convenient camera based product label reading for blind people " | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Mr. Vignesha. R | Lecturer | Published a paper in international journal entitled "Review on the electrification of transportation in a Smart grid Environment" | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Mr. Ravi V Angadi | Lecturer | Published a paper in international journal entitled "Analysis of Positive and Negative Clamping sequence based on SVPWM approach" | IJPSIC Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Mr. T. Yuvaraja | Lecturer | Published a paper in international journal entitled "Analysis of Spectrum hole in DVB- T Band" | ISJTAS, Issue-8, Vol-28 30th August 2015 |
| | | Participated in workshop "Advance in Renewable Energy Technologies ARET-2015" | Dr. NGPIT, Coimbatore 20th to 21st August 2015 |
| Ms. Mamatha. G. M | Lecturer | Published a research paper in international journal entitled "DSP based VEDIC Multiplier" | IJRASET , Vol-3, Issue-8 August 2015 |

DEPARTMENT OF MECHANICAL ENGINEERING

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|--|-------------|---|--|
| Muthuvel A, Muthukumaran, Vijai R, Harishbabu L | Asst. Prof | Computational Fluid Dynamics Analysis Of Flow over the varuna autonomous underwater vehicle | 7/11/2015 Sri Vishnu College for women |
| Divya V, Vinod Kumar Biradar Aruna Shanbhog | Asst. Prof | Driving a culture of excellence and entrepreneurship in the areas of Teaching and Research | 13/1/16 Alliance College |
| Divya V, Vinod Kumar Biradar Aruna Shanbhog | Asst. Prof | Marketing in Emerging Markets –The Case of South –East Asia | 13/1/16 Alliance College |

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 |
|--|----------------------------|---|--|
| Mr. Prakash. V | Asst. Prof | Published paper on Qualitative crystal structure analysis of Naphtho[2, 1-B]Furan2-ylmethanol: Inputs from pixel, Aimall and Hirshfeld analysis. The paper is published by New Academic publishers, New Delhi(2016). ISBN:9788186772898 | 29 January 2016, New Delhi |
| Mrs. A.Jyothi Sireesha | Asst. Prof | Participated in one day workshop on "e-learning and Teaching in classroom"[Education for 21st Century] | 23 Jan 2016, Institute of Technology, Doddaballapur. |
| | | Participated in two day Faculty Development Program on "Future Challenges for Techno Professional Faculty" | 18 and 19, Jan 2016, Sri Sairam College of Engineering, Anekal . |
| Dr. Gangavathi P P.H. Nirmala | Asst. Prof Sr. Lecturer | E-Learning workshop | R.L. Jalappa Institute of Technology, Doddaballpur, 23/01/16 |

DEPARTMENT OF LIBRARY

| Name of the Faculty | Designation | Workshop / Seminar/Paper | Venue & Date |
|---------------------|-------------|---|---|
| Mrs.Ratna. P | Asst. Prof | presented a paper on "Digital Curation : An Over View" In National Conference On "Electronic Resource Management And Research Support Services in the Academic Libraries" | 11th and 12th December 2015, 'Dayanand Sagar College of Engineering, Bangalore, |

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 |
|--|-------|---|---|
| Divya S.N | VII A | Presented a paper entitled "Detection of Diabetic Retinopathy using Image Processing" I ACCENDO 2k15 organized by Dept of IT | On 13th Aug, 2015 at Adhiyaman College of Engineering , Hosur,TN |
| Divya S.N | VII A | Published a paper entitled "Detection of Diabetic Retinopathy using Kish edge detection and watershed Transportation Algorithm" in International journal of Advance Research ,Ideas and Innovations in Technology | On 10th Aug, 2015 at International journal (ISSN 2454-132x) |
| Gagana G.E, Bhavya B.G Chaithra N.C, Ambika V | V | Participated in Inter College Project Expo | On 8th and 9th Sep, 2015 At Adhiyaman College of Engineering Hosur,TN |

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|--|-----|--|---|
| Swathi.R Chaithra Lakshmi K Ritupoorna Sarkar | V | Published a paper entitled "Automatic Gas Cylinder Management" | IJTIEMAS Sep 2015 ISSN:2278-2540 |
| Rakshith .R.N | V | Completed Mini Project Titled "IOT Based Device Controlling" | Sep 2015 to OCT 2015 Global Logica Software Technologies |
| Pavana.M | V | Completed Mini Project Titled "MEMS Accelerometer Using Wireless Network" | |
| AkshayaDeivasigamani | V | Completed Mini Project Titled "Automatic Night Lamp With Morning Alarm" | |
| Yamini.P Swathi.R Rashmi.S ChaithraLakshmi.k ShrutiSanga | V | Has undergone Internship in the area of "Manufacture and Testing of Distribution Transformers" | 08.01.16 to 30.01.16 Karnataka VidyuthKarkhane Limited |

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|---------------------------------|-----|--|---|
| Mahesh. M & Mohan. K | VII | Published & Presented a paper in international journal & Conference entitled "Electric Power Harvesting by wind using EWICON" | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Ashwini Chandran Nikhitha.T | VII | Published & Presented a paper in international journal & Conference entitled "A New HMI Composition regarding clever Grid Program" | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Vedalakshmi. N & Padma. G. N | VII | Published & Presented a paper in international journal & Conference entitled "Hybrid ECO Bus Methods for optimization of fuel consumption" | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |
| Glen Paul | VII | Participated in "Business Management on line trading Contest" | IIMB, Bengaluru 21st to 25th Sept. 2015 |
| Divakar A. P | III | Published & Presented a paper in international journal & Conference entitled "Design of auto guard system based an RFID & Network" | IJPSIC, Special Issue ISSN 2250-1088, 7th Nov 2015 |

DEPARTMENT OF MECHANICAL ENGINEERING

| Name of the Students | Sem | Workshop / Seminar/Paper | Venue & Date |
|--|-----|--|---|
| Biradar Mahesh vital Akash Mirashi Avinash G H, Nikhil B M, Nagarjuna H V, Ashok S J Ashishsingh P, Harikrishnaraju | IV | Automotive IC Engines and Future Engine Technologies | 21/9/15-2/9/15 Adhiyaman college of Engineering Hosur |
| Punith B M, Kiran R Dada hayathali M | VI | Automotive IC Engines and Future Engine Technologies | 19/9/15 BMS College of Engineering Bengaluru |
| Arunkumar A, Mahendra S | VI | Curve ball | 3/10/15 Rajalakshmi Engineering College |
| Arunkumar A, Mahendra S, Jitin Anthony, Puttaraju G K | VI | Mieasvrizer Blue Print | 3/10/15 Rajalakshmi Engineering College |
| Karthik N S, Nishchay K R Ravichandra T S Shankar N, Kushal C Praveen D, Chetan C Mahesh M, Akashchobey Kiran, Manjunath KarthikSanga, Dadahayath Ashish Kashyap | VI | Sustainable Developments through inovative for rural Needs | 12/9/2015 SDM Institute of Technology Ujire |
| Gagandeep H R | VI | CFD Analysis of the Autonomous Underwater | 12/9/2015 SDM Institute of Technology Ujire |
| Puttaraju | VI | Hexapod Robot | 12/9/2015 SDM Institute of Technology Ujire |
| Puneeth K, Viresh G S | VI | International Aero Dynamics | |
| Anoop M, Shekar Prasad Asthotosh P lande PatilPradynesh Arjun AdarsPandit, Alok Kumar Gagandeep | VI | Student Autonomous Underwater Vehicle (SAVe2017) | 22/1/16 ESSO NATIONAL INSTITUTE OF OCEAN TECHNOLOGY |
| PrasannaVenkatesh S Santosh Kumara Sunil Kumar T, Revathi S Hemanth C Reddy Samartha H N, Nagaraja K Ravichandra T S Harshitha S, Lakshmanan N Aravind R, Naveena T Sharan Annangui, Mahesh M, Kirankumar M Sahan S, Sanjaykumar L S Chandankumar C | VI | Vishnu Karting Championship | 22/1/16 Shri Vishnu Engineering College For Women |

NSS NOT ME BUT YOU

7 Days NSS Special Camp was Organized at Mattanahalli village with the Moto **"NITHYA NIRMALA BHARATHA (Clean India)"**

28 NSS Students, Five Faculty and entire Mattanahalli Villagers contributed in the Camp.

On this occasion, every single day was celebrated as an Exceptional Day. During the 7 days' NSS Special Camp, efforts were made to construct awareness amongst the villagers concerning Cleanliness, Personality Development, Flora & Fauna Protection, Health Issue, and Perception regarding the use of the plastic produces, importance of Blood Donation and Cultural & Social Awareness from 18th to 24th January 2016.



18.01.2016 - Monday

The NSS Camp was inaugurated by Sri. M. Hanumanthraju, Sub - Inspector of Police, Sarjapura Police Station and presided by Dr. Y Vijaya kumar, Principal, Sri Sairam College of Engineering, Anekal. The dignitaries, Sri Srinivas Naidu, Former President, Muttanahalli, Vice Principal, B. Shadakshappa, Management Representative, and Mr. R. Arun Kumar lighted the lamp. To construct an awareness among the inhabitants' in the village, many Cultural Programs were organized in the evening.

19.01.2016 - Tuesday

The day was celebrated as "Awareness Day".

The flag was hoisted by Sri. Srinivasayya, former President, Muttanahalli. As a part of the program, Cleaning was carried out from the school premises to the bus stand. In association with the theme adopted, varied Cultural programs were also organized in the evening.

20.01.2016 - Wednesday

The day was celebrated as "Environmental Day".

The flag was hoisted by Sri. Amaresh, Former President, Milk Production cooperative society. On this occasion, Sri Manjunath, Reporter and Founder Chairman, NWCC was invited as the Chief Guest, Numerous Cultural programs were organized in the evening to create an awareness among the inhabitants' on the Environmental Changes and fauna protection.

21.01.2016 - Thursday

The day was celebrated as "Animal Protection Day".

The flag was hoisted by Sri. Nagaraju, Secretary, Milk Production cooperative society, Muttanahalli. Dr. Srisheyla G Masuthey, Writer and physics lecturer, APS College was a special invitee. He delivered a Speech on National integrity in diversity. Various creative programs were also organized on the adopted theme.

22.01.2016 - Friday

The day was celebrated as "Health Protection Day".

The flag was hoisted by Sri. Venkatesh, Youth Leader, Muttanahalli. Special Invitee of the day, Sri. K V Lakshminarayanacharya, Press Reporter, Vijaya Karnataka, briefed about the Disadvantages of expending plastic produces. Various programs based on the theme were also organized in the Evening.

23.01.2016 - Saturday

The day was celebrated as "Yoga Day".

The Flag was hoisted by Sri Rajappa, Member, Milk cooperative society, Mattanahalli. The exceptional invitee of the day, Sri. Harsha L, Director, Dr. Rajkumar Health Checkup academy and Secretary, Blood Donation, KVK. Delivered an exceptional Sermon on the Significance and Responsiveness of blood donation. To bring about a perception among the villagers', various cultural programs were organized on this theme in the evening.

24.01.2016 - Sunday

The day was celebrated as "Valedictory Day".

Chief Guest Sri. Srinivasa Naidu, Former President, Muttanahalli, was invited on this occasion. He conveyed a speech on the prominence of NSS programs' and endeavors'. On this occurrence, Mr. Maheshwaran, Trust office Manager, Sri Sairam College of Engineering, Anekal. Distributed the credentials and T - Shirts to all the NSS Volunteers on their meticulous and productive conclusion of the Camp.

Subsequently the NSS special Camp was accomplished victoriously encouraging an optimistic understanding among the villagers' concerning every issue exclusively proposed and intended for the Camp in the Muttanahalli Village.



“MECHROCKZ”

Go-Kart Project Complementary Interview

Pertaining the historic accomplishment by the go - karting team. On behalf of the team, the captain Mr. Harish Babu .P was exclusively interviewed.

1) Please do introduce your “Mechrockz” team members and coordinators for this magnificent project?

- A) The “MECHROCKZ” Team is a collective effort and substantiation of our research, expertise, aspiration, imagination and ingenious competency envisioned into an astounding race vehicle. It comprised 21 members which was led by the most competent faculty coordinators Mr. A. Muthuvel & Mr. Harish Babu. It can be further categorized into different technical departments.

The Design Department was administered by the divisional head Mr. Samartha H N and his associates Mr. Santosh Kumara, Mr. Sunil Kumar T and Mr. Hemanth C Reddy. The Transmission Department was administered by the divisional head, Mr. Sahan S and his associate Mr. Lakshmanan N. The Chassis Department was administered by the Divisional head Mr. Kiran Kumar .M and his associates Mr. Chandan Kumar C and Mr. Benedict Antony A. The Brake Department was administered by the divisional Head Mr. Nagaraja K and his associate Mr. Ravichandra T S. The Steering Department was administered by the divisional head Mr. S Prasanna Vengatesh and his associates Mr. Aravind R & Mr. Mahesh M. The Management Department was administered by the divisional head, Ms. Revathi S and her associates Ms. Harshitha S, Mr. Sanjay Kumar L S and Mr. Sharan Annagi. Finally The Innovation Department was administered by the divisional head Ms. Archana N and her associate Ms. Kavya N.

2) What motivated you to intend this group and from where did the seed of this phenomenal thought construction ascend?

- A) The absolute credit goes to our most competent faculty coordinators, Mr. A. Muthuvel & Mr. Harish Babu, who conceptualized the project perceptively and executed it exultantly.

3) How would you like to celebrate your success?

- A) We are exceedingly exultant to celebrate the success of reaching a momentous victory in the first attempt, but at the same time we do have a very long way to go with lots of experiments and accomplish many more innovative & spectacular projects in future.

4) What are the challenges and barriers you faced in manufacturing and designing your go-kart vehicle?

- A) Precisely speaking, we certainly encountered many challenges during the manufacture of the go-kart vehicle.

The first and the foremost thing was regarding the selection of the team members, where the faculty played a decisive role. The respective candidates went through an exceptionally rigorous selection procedure.

Later came the real challenge, where we worked as a team rather than as an individual, which paved way to communicate every individual's expertise and knowledge, leading us to a better conclusion.

The vehicle was supposed to be manufactured according to the rulebooks set up by the event organizers', where we compared various event manuals and finally came to the decision regarding the overall design of the vehicle.



The next came the virtual round, which is otherwise identified as the prerequisite round. Where we had contended with various other teams from across India. This enabled us to procure the best out of us to present the preeminent design report, to be compared with the other project reports.

After the project was approved, we confronted the most demanding challenges, which is to complete the vehicle within a very short span. Finally the meticulous hard work of the team paid off and we succeeded!

6) Who is your inspirational idol for this exceptional project?

- A) As a team, we all were essentially inspired and enthused by our beloved principal, Dr. Y Vijaya Kumar, the mechanical department faculty and the management for recognizing and supporting the potential in us and giving us the prospect to explore our ideas turning it into a very promising project. We were also inspired by some of the engineering students' across the globe, who were found involved in engendering such spectacular projects.

7) What are your future plans in taking up the project to next higher level?

- A) We are genuinely scheduling to rectify the inaccuracies in this project to participate in the international go-kart competition to prove our proficiency.

8) In what way is the achievement going to shape your future?

- A) For any potential engineering career, these kind of projects does play a very crucial role inculcating the ingenious expertise to invent new perceptions and new technologies contributing a very wide scope for exceptional invention fetching honors to the individual, organization and to the nation as well.

9) What kind of a message would you like to give to the prospective engineers?

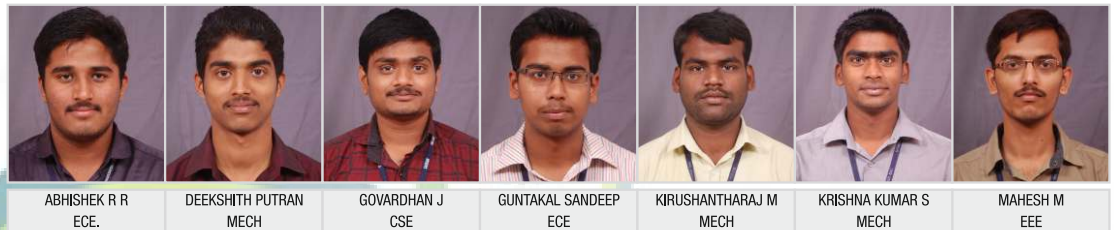
- A) We would like to encourage the students' to take up such excellent projects initially, where they can carry it further with progressive changes, to the national and even to the international level as well.

We would also like to advise them to be always determined and dedicated towards their objectives & visions in life. Meticulous Hard work alone can facilitate them to be privileged and prosperous in life.

PLACEMENT APERTURES

Time and time again, SAIRAM students ascertain themselves by procuring the preeminent jobs in the utmost fortunate and esteemed companies in Bengaluru.

The details of the organizations' that have organized the interviews prolifically and absorbed the final year students' as on date **25th January 2016** are recorded below. The incredible practice continues to endure.



"Your life is not a problem to be solved but a gift to be opened." - Wayne Muller

COMPUTER SCIENCE & ENGINEERING



SURAJ S
II sem - 84.12%



KARTHIKA K
II Sem - 82.06%



DIVYA.R.KRISHNAN
IV sem - 76.44%



Likitha B.A
IV sem - 75.67%



SHREYA.H
VI sem - 81.67%



Prajwala R Reddy
VI sem - 78.67%



ARVIND M RAJ PUROHITH
VII sem - 86.13%

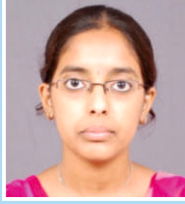


Manohara.S
VIII sem - 81.87%

ELECTRONICS & COMMUNICATION ENGINEERING



Manoj Kumar. S
II Sem - 86.19%



CHAITRA S
IISem - 81.29%



Bindhu.S
IV SEM 86%



Bindhiya.B.S
IV SEM 76.33%



Pooja Mohan Shet
VI SEM 76.89%



Abishek R.R
VI SEM 75%



Shilpa
VII SEM 85.6%



Roshini.j.Reddy
VII SEM 84.9%

ELECTRICAL & ELECTRONICS ENGINEERING



SAIPRIYA. M
II Sem - 79.74%



J. BHAVANISINH
II Sem - 73.41%



GLEN PAUL
IV Sem - 72.66 %



SUTHARSON N
IV Sem - 63.44%



PADMA.G.N
VI Sem - 76.78%



ASHWINI CHANDRAN
VI Sem - 75.78%



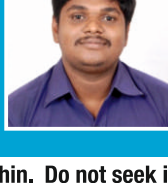
GAYATHRI. S
VIII Sem - 83.47%



LAKSHMIDEVI.H.A
VII SEM-83.20%



NISCHITHA.C
VIII Sem - 83.20%



SUBAKARAN.k
VIII Sem -83.20%

MECHANICAL ENGINEERING



MANIKYA S
II Sem - 81.93%



K BANUKIRAN
II Sem - 81.03%



H R GAGANDEEP
IV Sem - 79.22%



ABLITH K C
IV Sem - 78.67%



Siddalingayya V
VISem - 72.11%



Hariharan K
VI Sem - 71.88%



Madhusudhan.P
VIII Sem -86%



K V SHASHIKUMAR
VIII Sem- 85.2%

TOPPERS

DEPARTMENT

JAN -2015 VTU Exams

MASTER OF BUSINESS ADMINISTRATION



Pintu Kumar Singh
73%



R. Srikanth
69%



Munirathna K
72.5 %



Krishnaveni
71.2%

SPORTS SUBSTANTIATION

Our organization not only supports and exhorts the students' in the academics but in sports as well. Mr. M. Arun Kumar from Mechanical Department secured silver medal in the archery competition held on 26th October 2015. Subsequently he represented the VTU team and secured 89th rank all over India in the inter university archery competition held in Patiala, Punjab university, organized from 21st to 26th January 2016. He has also been nominated for the Karnataka state Junior Archery team to participate in the 38th Junior National Archery Championship 2016-17 to be held at Jamshedpur from 10th to 19th February 2016. He secured 64th rank in all over India and was also selected for the elimination round in this competition. Karnataka archery team secured 18th rank all over India.



Contestants from assorted colleges representing VTU archery Team



Mr. M. Arun Kumar participating in the competition along with the other participants



Receiving the Medal of Honor



Inter-university Archery competition at Punjab University, Patiala.



Winning being collectively celebrated in the college with the Management Representative, Mr. R. Arun Kumar, Principal, Dr. Y. Vijaya Kumar, Vice Principal, Dr. B. Shadakshappa, Mech. HOD, Mr. Balan S, PED, Mr. Manjunath K.N with the archery champion, Mr. M. Arun Kumar.



Karnataka archery team introducing themselves in the march past



Industrial Visit

CSE DEPARTMENT

CSE Department has organized an industrial visit to CDAC for the 7th Semester "A" and "B" Sections on 29th November 2015.



ECE DEPARTMENT

Industrial visit was organized for the final year ECE students on 30.9.15 to NTT.

EEE DEPARTMENT

Industrial Visit was organized for the 3rd, 5th and 7th Semester EEE students' to SOLAR PV PLANT, SHIMSHAPUR on 16th September 2015.



MECH DEPARTMENT



Industrial visit was organized for 5th semester mechanical students to Ashok Leyland on 17/10/15.



Industrial visit was organized for the 3rd semester mechanical students to "GCF CASTINGS"



Industrial visit was organized for 5th semester mechanical students to "TVS MOTOR COMPANY"

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