



# SANTHIRAM ENGINEERING COLLEGE

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUA, Ananthapuramu.  
An ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956.  
NH-40, Nandyal – 518501 :: Kurnool Dist. A.P.

(Offering UG - B.Tech – EEE, ME, ECE & CSE :: PG – MBA, M.TECH)

## SPARKS

(Spectacular Performance And Rapid Knowledge of SREC)

Editor in Chief : Dr. M.V. Subramanyam, Principal

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P. Sampath Kumar(ECE), K. Amareswara Kumar(CSE),

M. Umrez (MBA)

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### Highlights of the Issue

- ✦ SREC @ Glance
- ✦ Event - National Women's Parliament
- ✦ International Conference (ICAEMS-2K17)
- ✦ Departmental Information
- ✦ NSS-UNIT
- ✦ Training & Placement
- ✦ Farewell @ SREC
- ✦ Games & Sports @ SREC
- ✦ NEWS @ SREC

#### SREC @ Glance

- Received **Permanent affiliation from JNTUA, Anantapuramu** for 5 years in the year 2015 and valid up to 2020.
- Received **ISO 9001:2015 certification** (for all the UG and PG courses).
- Recognition of the college under section **2(f) & 12(B) by UGC Act, 1956** in 2013.
- Received **"certification of Appreciation"** from **HCL** for the year 2012.
- Listed as one of the **Best Engineering Colleges** with **'AA' Grade** for the Year 2013 and also one of the 1000 Best Engineering Colleges in India ranked by careers360.
- Bagged **TWO Gold medals** in the Academic year 2013-14 & in 2015-16.
- Received **"Best Fastest Growing Engineering College in Andhra Pradesh"** award from **Global Education Excellence Awards-2014** at New Delhi.
- Received **FIVE UGC Minor Projects** in **2014-16**.
- **The Principal** of the college Received **National Patent** for his research work.
- **Two** students from **EEE Department** received **PRATHIBHA AWARDS** for their excellence performance in the curricular/academic activities, from the Govt of AP in 2015.
- **The FIRST College** in **AP** having **BHEL** sanctioned **R & D Lab**
- College is having **AICTE-PMKVY Skill Development Centre** in **ME Dept.**

### National Women's Parliament @ Amaravathy

Andhra Pradesh government hosted **"NATIONAL WOMEN'S PARLIAMENT"** in partnership with "MIT of Maharashtra" during 10-12<sup>th</sup> of February-2017. The students namely C. Lohitha (13X51A0430) - 4<sup>th</sup> ECE, S.L.Ashwini (14X51S0460) of 3<sup>rd</sup> ECE, K.Sree Durga of 2<sup>nd</sup> CSE, P. Punarvi of 4<sup>th</sup> EEE along with Mrs.O.Mohana Chandrika, Assistant professor, ECE Dept participated in this "NWP" to expose their ideas.



Students with **MP MAGANTI BABU** during **"NATIONAL WOMEN'S PARLIAMENT"**.



**Students in the Group Discussion**



**Students in the Debate**



## International Conference on Advances in Engineering, Management & Sciences (ICAEMS-17)

We are very proud to announce that, we organized **International Conference on Advances in Engineering, Management & Sciences (ICAEMS-17)** during **14<sup>th</sup> and 15<sup>th</sup> of July, 2017**. The **ICAEMS 2K17** attracted over 226 submissions from various research scholars, Academic and Industry persons. Through many rigorous peer reviews 152 high quality papers were recommended by the committee and published in the conference proceedings in **TWO Volumes**, with **ISBN No.978-93-85100-78-9**.

**Chief Guest** of this conference is: **Dr.Y.Narasimhulu**, Vice-chancellor of Rayalaseema University

**Guest of honor** of this conference is : **Dr.Sanjay Sen Gupta**, Chief Editor for CSIR

### Session chairs:-

1. Dr.V.Dilli Babu, Scientist, GTRE, DRDO, Bangalore
2. Dr.K.Siva Kumar, Dept of EE, IIT Hyderabad
3. Dr.B.Raju Bhukya, Depf of CSE, NIT, Warangal
4. Dr.P. Ramana Reddy, Professor, ECE Dept, JNTUA.

## GLIMPSES OF ICAEMS-17





## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### PROGRAMMES CONDUCTED BY THE DEPT

#### ONE DAY SEMINAR:



A seminar on **“GENERATION OF ELECTRICAL ENERGY BY RENEWABLE RESOURCES”** on **09/01/2017** for II, III & IV B.Tech- II Sem students. **Dr.B.Dastagiri Reddy**, Research Fellow, Faculty of Engineering at **National University of Singapore** was the resource person.

#### ONE DAY SEMINAR:



A seminar on **“Ph.D LIFE & TECHNICAL COMMUNICATIONS”** on **10/01/2017** for Faculties of Santhiram Engineering College. **Dr.B.Dastagiri Reddy**, Research Fellow, Faculty of Engineering at **National University of Singapore** is the resource person.

#### A ONE DAY SEMINAR:



A seminar on **“PERSONALITY DEVELOPMENT & CAREER GUIDANCE FOR ELECTRICAL ENGINEERING”** on **21/01/2017** for II,III & IV-II sem EEE Students. **Mr.M.Hanneef**, Advanced Control Engineer, Rolls Royce, Bangalore is the resource person.

#### A TWO DAY WORKSHOP:



A National Level workshop (two days) on **“Conventional Power Systems and Power Electronics Design and their Applications”** on 27<sup>th</sup> & 28<sup>th</sup> January 2017 for II, III & IV B.Tech – II Sem EEE Students. **Mr. J.Gireesh Gupta & Mr. S.Sai Likith**, Research Engineer & Technical Manager AMNA IT Solutions, Hyderabad are the Resource Persons.

#### A TWO DAY WORKSHOP:

##### DAY – I: (NATIONAL LEVEL WORKSHOP)



The Department organized National Level workshop on **“YANTRA – AVABODHANA – 2K17”** on 10<sup>th</sup> & 11<sup>th</sup> January 2017 for III Year EEE Students of **Vasavi Polytechnic College** Banaganapalli. The first day of this workshop is handled/carried by the Resource person, **Mr.W.V.Krishna Murthy**, Industrialist Nandyal

##### DAY – II: (ONE DAY INDUSTRIAL TOUR)



The second day, Department has organized a one day industrial tour to **Solar Power Plant**, Sprouts Energy Pvt. Ltd., Pamulapadu, for III Year EEE Students of **Vasavi Polytechnic College** Banaganapalli.

**A TWO DAY WORKSHOP:****DAY – I: (NATIONAL LEVEL WORKSHOP)**

The Department organized National Level workshop on **“YANTRA – AVABODHANA – 2K17”** on 17<sup>th</sup> & 18<sup>th</sup> January 2017 for III Year EEE Students of **ESC Government Polytechnic College**, Nandyal. The first day of this workshop is handled/carried by the Resource person, **Mr.W.V.Krishna Murthy**, Industrialist Nandyal as Resource Person of this Workshop.

**DAY – II: (ONE DAY INDUSTRIAL TOUR)**

The second day, Department has organized a one day industrial tour to **Solar Power Plant**, Sprouts Energy Pvt. Ltd., Pamulapadu, for III Year EEE Students of **ESC Government Polytechnic College** Nandyal.

**STUDENTS PAPER PRESENTATIONS:**

- **Ms.V.S.Sowmya Chinmayi (13X51A0237)** presented a poster entitled **“UNEMPLOYMENT”** and secured **1<sup>st</sup> Prize** in Pravaha, RIPPLE-2017, XVII National Level Technical Symposium, RGM CET, Nandyal on 13<sup>th</sup> February 2017.
- **M.V.S.Sowmya Chinmayi (13X51A0237)** presented a paper entitled **“CURRENT MEASUREMENT WITH OPTICAL CURRENT TRANSFORMER”** in Pravaha, RIPPLE-2017, XVII National Level Technical Symposium, RGM CET, Nandyal on 13<sup>th</sup> February 2017.

- **Ms.B.Susmitha (14X51A0222)** presented a paper entitled **“DESIGN AND DEVELOPMENT OF REUSABLE SAND POWER GENERATION”** in Pravaha, RIPPLE-2017, XVII National Level Technical Symposium, RGM CET, Nandyal on 13<sup>th</sup> February 2017.
- **Ms.B.Susmitha (14X51A0222) & Ms.G.Sowmya (14X51A0216)** presented a paper entitled **“POWER GENERATION BY GRAVITY”** in National conference, “INNOVATIONS AND ADVANCEMENT IN ELECTRICAL ENGINEERING”, SJ CET, Yemmiganur on 18<sup>th</sup> February 2017.
- **Ms.B.Susmitha (14X51A0222) & Ms.G.Sowmya (14X51A0216)** presented a paper entitled **“GENERATION OF ELECTRICITY BY USING REUSABLE SAND”** and secured **2<sup>nd</sup> Prize** in AMPLE-2017, S V College of Engineering, Thirupathi on 22<sup>nd</sup> & 23<sup>rd</sup> February 2017.
- **Ms.B.Susmitha (14X51A0222)** presented a paper entitled **“POWER TRANSMISSION THROUGH WIRELESS”** in AMPLE-2017, S V College of Engineering, Thirupathi on 22<sup>nd</sup> & 23<sup>rd</sup> February 2017.
- **Ms.K.Sravani (14X51A0217)** presented a paper entitled **“NANO GENERATOR”** in IGNITE-2K17, 8th National Level Technical Symposium, G.Pullaiah College of Engg and Technology, Kurnool on 4<sup>th</sup> March 2017.
- **Ms.B.Susmitha (14X51A0222) & Mr.B.Naga Raja Reddy (14X51A0207)** presented a paper entitled **“WIRELESS POWER TRANSMISSION”** in IGNITE-2K17, 8th National Level Technical Symposium, G.Pullaiah College of Engineering and Technology, Kurnool on 4<sup>th</sup> March 2017.
- **Ms.B.Susmitha (14X51A0222) & Ms.G.Sowmya (14X51A0216)** presented a paper entitled **“POWER GENERATION USING SILICA”** and secured **1<sup>st</sup> Prize** in ATM-17, 8th National Level Student Symposium, AITS, Rajampet, Kadapa on 20<sup>th</sup> March 2017.
- **Ms.K.Sravani (14X51A0217) & Mr.B.Naga Raja Reddy (14X51A0207)** presented a paper entitled **“E-BUS (ELECTRIC BUS) WITH WIRELESS CHARGING”** in ATM-17, 8th National Level Student Symposium, AITS, Rajampet, Kadapa on 20<sup>th</sup> March 2017.



# DEPARTMENT OF MECHANICAL ENGINEERING

## PROGRAMMES CONDUCTED BY THE DEPT

### 1) ONE DAY INDUSTRIAL TOUR:



An industrial visit to **Srisailem Right Bank** for II-II sem Students (2015 Batch) on **11/02/2017**.

### 2) ONE DAY Guest Lecture



A Guest lecture on **Solar Energy Technologies for On-Farm Safe Transient Storage of Horticultural Produce** on **15/02/2017** for II, III & IV-B.Tech II-Sem students (2013, 14 & 15batch). **Dr. V. Siva Reddy** from RGM CET, Nandyal was the main speaker of the program.

### 3) ONE DAY NATIONAL LEVEL SEMINAR



One day National level seminar on **Recent advances in Mechanical Engineering** on **18/03/2017** for II, III & IV-B.Tech II-Sem students (2013, 14 & 15batch). **Shri. A. Manjunath** Scientist-DRDO & Vice President-EWB Bangalore was the main speaker of the function.

### FACULTY ATTENDED WORKSHOPS/ PROGRAMS:

- Mr. P. Nagaraju Asst Prof, attended 1 month **FDP** on **"Design software (AUTOCAD, CATIA & ANSYS)"** from **23-05-17 to 23-06-17** in Canter Cadd Technologies, Hyderabad.
- Mr. P. Madhu Raghava, Asst Prof, attended 1 month FDP on **"ANSYS"** from **23-05-17 to 23-06-17** in Canter Cadd Technologies, Hyderabad.
- Mr. P. Madhu Raghava, and Mr. O. Jayaramudu, Asst. Profs, has attended one day workshop on **"Engineering Materials of Today and Tomorrow"** in RGM CET, 15<sup>th</sup> Feb 2017.

### FACULTY JOURNALS/CONFERENCES:

- Dr. Ramesh Raju, Professor, Participated and Presented the following Technical papers
  - **"Recent Development of Laser Based Treatment on Titanium Alloys; From Coating to Treatment – A Review"** in ICETEST'17 during 18-20 March 2017 in SVUCE, Tirupati.
  - **"Optimization of Laser Metal Deposition Process Parameters using Taguchi Based Grey Approach for T16AL4V Alloy Coating"** in ICAFM'17 during 03-05 May 2017 in ADHICET, Kanchipuram.
  - **"Investigations on Electrical Discharge Machining of Haste Alloy C276 Using Taguchi Approach"** in ICAFM'17 during 03-05 May 2017 in ADHICET, Kanchipuram.
  - **"Effect of Textured Tools on Machining of TI-6AL-4V Alloy Under Lubricant Condition"** in ICAFM'17 During 03-05 May 2017 in ADHICET, Kanchipuram.
- Mr. P. Moulai, HOD of ME, presented a technical paper on **"Analysis of Homogeneous Charged Compression Ignition Engine with External Mixture formation of Different Bio Diesel fuels"** in ICTARGET'17 during 30-31 March 2017 in VIT University, Vellore.
- Mr. P. Madhu Raghava, Asst. Prof, published a paper on **"Design & Fabrication of Pneumatic Powered Two Wheeler"** in IJERA, Vol.7, Issue 4, April, 2017.

### PAPER PRESENTATIONS BY STUDENTS:

1. The following students participated in **"MEC-MACHINA 2K17"** in Tadipathri Engg College on 17-03-2017.
  - K. Lakshmi Reddy & B. Madhu Mahesh of III-II won **II Prize** for paper presentation
  - K. Lakshmi Reddy (IIIB.Tech & II semester) has awarded **I Prize** for Idea generation
  - N.Sunil, S.Zakeer Hussain & B.Madhu Mahesh (IIIB.Tech & II semester) has awarded **I Prize** for Model Presentation
2. K. Lakshmi Reddy & E. Diwakar Reddy of III yr has awarded **III Prize** in **Paper presentation** at **"Siddharta Quest 2K17"** in Siddhartha Inst. of Science and Technology on 18-03-2017.
3. T.C Janardhan Reddy, N. Jaya Viswanatha Reddy & K.Lakshmi Reddy of III yr participated in **Paper presentation "ATM 2K17"** in Annamacharya Inst.of Science and Technology on 22-03-2017.
4. R. V Puneeth Kumar, V. Subhash Reddy, C. Sai Gopinath and B. Pranay Kumar of III yr participated in **"ENFUE-2K17"** in KSRM Engg College on 24-03-2017 and won **2<sup>nd</sup> place**.

## Electronics and Communication Department

### PROGRAMMES CONDUCTED BY THE DEPT

#### 1) A TWO-DAY WORKSHOP:



A Two day National Level workshop on **"IoT Based embedded system Applications in Real Time"** was conducted in association with IE & ISTE STUDENTS CHAPTER during **17 - 18<sup>th</sup> March 2017**, with Mrs G.Sowmya as resource person.

#### 2) TWO-DAY WORKSHOP:



A Two day National Level workshop on **"IoT Based embedded system Applications in Real Time, using Rasberry Pi"** was conducted in association with IE & ISTE STUDENTS CHAPTER during **31<sup>st</sup> March, 1<sup>st</sup> April 2017**, with Mrs G.Sowmya as resource person.

#### 3) DEPARTMENT DAY CELEBRATIONS:

On 3/03/2017 E.C.E Dept Celebrated Department day in remembrance of **Alexander Graham Bell** birth anniversary to motivate the young engineer. In this regard, Department conducted some programs and the students participated very enthusiastically.



### STUDENTS INDUSTRY PROGRAMS:



**1) II B.Tech** students visited Kurnool **FM Radio Station** on **9/2/2017**. The Students learned their presentation how FM station control units works and how it tracks different FM stations signals (Hyderabad, Mumbai, Delhi etc., for different frequencies) at Kurnool station.



**2. II B.Tech** students visited **SPROUTS ENERGY Pvt Ltd** Pamulapadu, Kurnool on 8/4/17, they learnt how solar energy is converted to electrical energy and how it is utilized, supplied to Industry.

#### FACULTY JOURNALS/CONFERENCES:

- Mr. C.V Subhaskara Reddy Assoc Prof, has presented a paper on
  - "A Lecture on Cognitive Radio Ad-hoc Network" at Springer 2<sup>nd</sup> International conference ICMEET-2017 on 17/01/2017 at Raghu Engineering Institutions, Vizag, A.P.
  - "Implementation & Performance Evaluation of Various Multicast Routing Protocols in Cognitive Radio Ad-Hoc Networks : A Performance Review" at IEEE International Conference on "Wireless Communication, Signal Processing & Networking (WiSPNET)" during 22-24 March 2017, Chennai, India.
- Mr. B.Prathap Reddy Asst Prof, participated in a Two-Week **ISTE STTP** on **"CMOS, Mixed Signal and Radio Frequency VLSI Design"** conducted by IIT, Kharagpur from **26/12/2016 to 4/2/2017** at Remote centre **"G.Pulla Reddy Engineering College(Autonomous),Kurnool"** with **RC ID: 1356**, under the National Mission on Education through ICT (**NMEICT**), **MHRD**.



- Mrs G.Sowmya Asst prof, of ECE has attended a 10 days **Faculty Development Program** on **“Embedded Real time Systems”** from **1/2/2017 to 10/2/2017** at **JNTUA**, Anantapur conducted by **NIT Warangal**.
- **K. Lakshmi Narasimha** Asst.Prof, has presented a paper on **“Diverse Security Intimidation and Disputes in Mobile Ad-hoc Networks”** in the international conference on **IoT in Social, Analytical and Cloud ( I-SAMAC 2017)** organised by SCAD Institute of Technology in association with **“Electron Devices Society”** and **“IEEE”** - during 10-11 February 2017 Palladam, Coimbatore ,TamilNadu, India.
- **Dr.M.V Subramanyam** Professor of ECE and Principal , has presented a paper on **“Diverse Security Intimidation and Disputes in Mobile Ad-hoc Networks”** in the international conference on **IoT in Social, Analytical and Cloud ( I-SAMAC 2017)** organised by SCAD Institute of Technology in association with **“Electron Devices Society”** and **“IEEE”** - during 10-11 February 2017 Palladam, Coimbatore, TamilNadu, India.
- Mr. Mohan Reddy Asst Professor of ECE, published a paper entitled **“Design and Implementation of Low Power Array Multiplier Using Modified Full adder”**, in IJTRD,ISSN No.2394-9333,Vol. 4(2) in the month of Mar- Apr-2017.
- Mr. N.Sreenivasa Rao, has published a paper entitled **“Clock-Gated Pseudo Random Number Generator with Programmable Polynomial Taps using Clock-Gated Linear Feedback Shift Register(LFSR)”** in IJETT in Mar’2017, Vol 45, No.5

#### **PAPER PRESENTATIONS BY STUDENTS:**

- Miss. S. Karishma (14X51A0417) and Mr. K. Bhargav (14X51A0407) participated in **ENFEU2K17** and presented a paper on **“Life Detection System using L or S Microwaves”** on 24<sup>th</sup> March 2017 KSRM College of Engineering, Kadapa, and won **2<sup>nd</sup> Prize**.
- Mr.T. Lokeshwara Reddy (14X51A0422) and Mr. N.Akhil Chowdary (14X51A0402) participated in **8<sup>th</sup> National level Student Symposium, Siddharth Quest 2K17** and presented a paper on **“Automated Irrigation Process”** on 18<sup>th</sup> March 2017 at Siddhartha Institute of Science and Technology, Puttur, and won **3<sup>rd</sup> Prize**.
- The following students presented papers in **TECHNOFRENZY-2K17**, organized by Siddarha Educational Academy Group Of Institutions, Tirupati on 15<sup>th</sup> March 2017
  - Miss. **Y.Rajeswari** (14X51A0477) and Miss. P. Sumanglai(14X51A0466) presented a paper on **“Flexible Electronics”** and won **2<sup>nd</sup> Prize**.
  - **Ms.I.Sai Sneha(14X51A0453)** & Ms.K.Sravani (14X51A0461) a paper on **“Nanogenerators”**
  - Miss. M. Ratna Deepika(14X51A0455) and Miss. N. Sai Keerrthna (14X51A0461) presented a paper on **“Automatic Sun Tracking System”**

- The following students presented papers in **ATM-17, National Level Students Symposium**, organized by Annamacharya Institute of Technology & Science, Rajampet on 20<sup>th</sup> March’ 17
  - Miss. P.Aparna (14X51A0406) and Miss. V.Ambica (14X51A0403) presented a paper on **“Electronic Tollgate Collection System” & Won the 3<sup>rd</sup> Prize**.
  - Miss. P. Prajwanya (14X51A0439) and Miss. N. Mounika (14X51A0429) presented a paper on **“Transit Elevated Bus”**
  - Miss. M. Hussain Bee (14X51A0414) and Miss. M. Meghana (14X51A0426) presented a paper on **“Anti-collision Device in Indian Railways”**.
- Mr. Naga Rajesh (14X51A0432) is participated in **8<sup>th</sup> National Level Technical Symposium, IGNITE-2K17** and presented a paper on **“Nano Technology”** on 4<sup>th</sup> March 2017 organized by G. Pullaiah college of Engineering & Technology, Kurnool.
- Miss. S. Karishma (14X51A0417) and Mr. K. Bhargav (14X51A0407) participated in **One National level Tech Fest- YOGITECH ECE-2K17** and presented a paper on **“Life Detection System using L or S Microwaves”** on 25<sup>th</sup> March 2017 at Y.S.R Engineering College of Yogi Vemana University,Proddatur, and won **1<sup>st</sup> Prize**.
- Mr.T. Lokeshwara Reddy (14X51A0422) and Mr.A.Pavan Kumar (14X51A0438) participated in **National level Technical symposium, SIGMOID-2K17** presented a paper on **“Electronic Tollgate Collection”** on 8-9<sup>th</sup> April 2017 at Sri venkateswara University, College of Engineering, Tirupati.
- Miss. M.Sai Praveena, Miss. M.Sravani, Miss. O.Renuka Devi, Miss. V.Lavanya of IV ECE, published a paper entitled **“Clock-Gated Pseudo Random Number Generator with Programmable Polynomial Taps using Clock-Gated Linear Feedback Shift egister (LFSR)”** in IJETT in March, 2017, Vol 45, No.5

#### **FACULTY ACHIVEMENTS:**

- **Mr. S. Rambau** has produced 100% result in **VLSI** subject for IV ECE I Semester (2013-2017) batch students.
- **Mr. H.S Ijaz** has produced 100% result in **DIP** subject for IV ECE I Semester (2013-2017) batch students.
- **Mrs O. Mohana Chandrika** has produced 100% result in **ES** subject for IV ECE I Semester (2013-2017) batch students.

## COMPUTER SCIENCE AND ENGINEERING

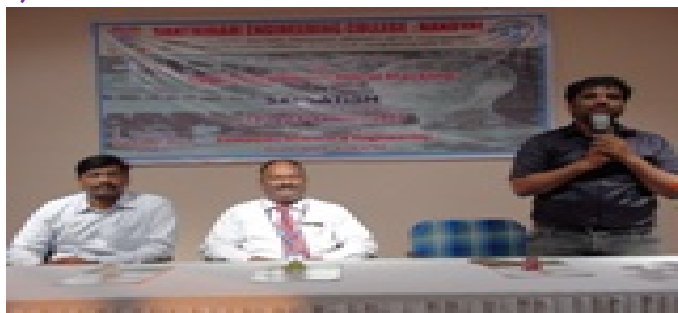
### NEW FACULTY:

The following faculty members were appointed as Assistant Professors in the Department of CSE

- Mr. M.Amareswara kumar, M.Tech
- Mrs. V.Gowthami, M.Tech

### PROGRAMMES CONDUCTED BY THE DEPT:

#### 1) A TWO-DAY INTERNATIONAL WORKSHOP :



A Two-Day International workshop on “**Cyber Security & Ethical Hacking**” during the dates: 22-01-2017 TO 23-01-2017. Mr SAI SATHISH Garu, Administrator of Andhra Hackers, acted as Resource person for this workshop.

#### 2) A THREE-DAY NATIONAL WORKSHOP:



A Three-Days National workshop on Android **App Development** during the dates: 21/02/2017 to 23/02/2017. MR.MEHDI Garu, from Brainovision acted as a Resource person for this workshop.

#### 3) Program under the Department Club, The “COMPUTING AGENT”



The Department of CSE has organized Department club on **COMPUTING AGENTS** on 04/02/2017.

#### 4) ONE DAY INTERNAL PAPER PRESENTATION :



Department conducted a ONE DAY INTERNAL PAPER PRESENTATIONS on 07-04-2017

### FACULTY JOURNALS/CONFERENCES:

- **Mr.S.Md.Farooq**, Asst.Prof published a technical paper titled “**An Health Information System Using Cloud Computing**” in International Journal of Research in Choral Singing, Jan’ 17.
- **Mr. J.David Sukeerthi Kumar**, Asst.Prof published a technical paper titled “**Encryption plan in cloud computing for an efficient file hierarchy attribute**” in International Journal of Electrical and Computer Communication Engineering, ISSN:2533-8945, May 2017.

### FACULTY ACHIEVEMENTS:

- **Mr.J.David Sukeerthi Kumar** Enrolled for **PhD** programme at JNTUA, Anantapur as a part time scholar
- **Mr. K.Nageswara Reddy** Asst Prof, produced 100% pass percentage in “**Human Computer Interaction**” for the Batch of 2013 in IV-I-Sem.
- **Mr.S.Md.Riyaz Naik** Asst Prof, produced 100% pass percentage in the subject “**Real Time Systems**” for the batch of 2013 in IV year –II Sem

### DEPARTMENT ACHIEVEMENTS:

- Santhiram Engineering College is certified as Educational Institute Member (Membership Number: I01342) of Computer Society of India(CSI) for the Academic Year 2017-2018.

### STUDENT ACHIEVEMENTS:

- B.V.Sumanth Kumar [14X51A0568] of III Year CSE had participated and got distinct level **First Prize** in Solo Instrumental Keyboard on 20-01-2017 at Santhiram Engineering College
- B.V.Sumanth Kmar [14X51A0568] of III Year CSE had participated and got **second prize** in university level Solo Instrumental Keyboard on 23-01-2017 at Ananthapuramu.
- M.Devi Venkata Mounika [14X51A0514] of III Year CSE had participated and got **First prize** in solo song in the Unit Level NSS Youth Festival-2017 on 05-01- 2017.



- M.D.V. Mounika[14X51A0514] of III CSE participated & got **2<sup>nd</sup> prize** in solo song in Kurnool Dist Level NSS Youth Festival at SREC on 20-01-2017.
- Sreenivasa Naveen [16X51A0580] of I CSE Secured **28<sup>th</sup> place in State Level & 2<sup>nd</sup> place in District Level** under nineteen state open chess tournament.
- T.Jayadeep [13X51A0514], M.Akbar 13X51A0503], T.Shaikshavali [13X51A0501] participated and got **3<sup>rd</sup> prize** in WEB DESIGNING, in RIPPLE-2K17 at RGM CET, Nandyal on March 10<sup>th</sup> 2017.
- A.Sandeep(13X51A0532), V.Phanindra (13X51A0527) of IV CSE participated in Technical Quiz in RIPPLE-2K17 at RGM CET, Nandyal on 10-03-2017.
- G.Sai Badrish (14X51A0553) and J.Manideep (14X51A0534) Secured All India **400<sup>th</sup> Rank** in Indian Engineering Olympiad (IEO).

#### Paper Presentations by Students:

- The Following students participated in **AMPLE** at Sri Venkateswara Engineering College, Tirupathi (SVEC) on February 22<sup>nd</sup> 2017
  - K.Surya Narayana (15X51A0594) of II year CSE presented a paper on **“Power Generation by using Sand”** and secured **SECOND** prize.
  - T.Eswar (145X51A0515) of III year CSE presented a paper on **“Android Applications”**
- S.Sayeeda Mehjabeen (14X51A0559), L.V.Sravanthi (14X51A0563) of III CSE presented a paper on **“Context Awareness Computing for the IOT”** in **TECHTEST-2K17** at K.L.M.College of Engineering For Women, Kadapa on 22-02-2017.
- The Following students participated in ITPrastan at RGM CET, Nandyal on February 28<sup>th</sup> 2017
  - V.Sujatha(14X51A0567),R.Lalitha(14X51A0531) of III CSE presented a paper on **“Cloud Computing Security:from Single to Multi Cloud”**
  - K.Harshitha (14X51A0524) of III CSE presented a paper on **“A Cloud based Smart Parking System based on IOT Technology”** & secured **1<sup>st</sup> prize**.
- K.Harshitha (14X51A0524) of III year CSE presented a paper on **“A Cloud based Smart Parking System based on IOT Technology”** in **IGNITE-2K17** at Pullaiah Engineering College, Kurnool on 04-03-2017 and secured **FIRST** prize.
- The Following students participated in **RIPPLE-2K17** at RGM CET, Nandyal on March 10<sup>th</sup> 2017.
  - A.Sandeep (13X51A0532), V.Phanindra (13X51A0527) of IV CSE presented a paper on **“Analysis and Research on System Security based on Android ”**
  - K.S.V.N. Lavanya (14X51A0566), of III CSE presented a paper on **“Bit-coin a peer-to-peer Electronic Cash System”**
- The Following students participated in **TECHNOPHILIA-2K17** at SVR Engg College, Nandyal on March 17<sup>th</sup> 2017.
  - K.Harshitha (14X51A0523), Y.Eswaramma (14X51A0516) of III year CSE presented a paper on **“IOT for Smart Cities”**

- R.Lalitha (14X51A0531), of III year CSE presented a paper on **“Building of Smart Home Medical System based on IOT”**
- K.Harika (14X51A0522), V.Naga Ashritha (14X51A0539) of III CSE presented a paper on **“BigData”**
- The Following students participated in **ATM-2K17** at Annamacharya Institute of Science and Technology, Rajampet on March 2<sup>1st</sup> 2017
  - L.V.Sravanthi (14X51A0563), G.Venkata Chaithanya (14X51A0574) of III CSE presented a paper on **“A survey on Mobile Edge Computing”**
  - B.Rajeswari(15X51A0561),C.Shahin(15X51A0578) of II CSE presented a paper on **“Cloud Computing”**
  - P.Saritha(15x51a0576), P.Sivamma(15X51A0580) of II CSE presented a paper on **“Cyber Crime & Security”**
  - B.Ravindra Reddy (13x51a0529), P.Krishna Karthik (13X51A0518) of IV CSE presented a paper on **“Process of load balancing in Cloud computing using Genetic Algotrithm”** and secured **SECOND** prize
  - K.Harshitha (14X51A0524) of III year CSE presented a paper on **“A Cloud based Smart Parking System based on IOT Technology ”**
- The Following students participated in **ENFEU-2K17** at KS.R.M. College of Engg on 24-03-2017
  - D.Subba Reddy (13x51a0508), N.Sushritha (13X51A0539) of IV year CSE presented a paper on **“Holographic Memory”**
  - Manisha Bandari (14X51A0536), K.Mounika (14X51A0538) of III year CSE presented a paper on **“Cloud Computing ”**
- The Following students participated in **YOGITECH ECE-2K17** at Yogi Vemana University on March 25<sup>th</sup> 2017
  - A.Sai Manasa (14x51a0555), P.Yeswanth Sai (14X51A0578) of III year CSE had presented a paper on **“Augmented Reality Technology ”**
  - J.Soujanya (14x51a0562), K.S.V.N. Lavanya (14X51A0566) of III year CSE had presented a paper on **“Security and Privacy Challenges of Internet of things CIOT ”**
  - P.Sai Swetha (15X51A0570) of II year CSE presented a paper on **“Nano Technology”**
- The Following students participated in **SVUCYNOSURE2K17** at S.V.U on 01-04-2017
  - G.Sai Badrish (14x51a0553), P.Yeswanth Sai (14X51A0578) of III CSE presented a paper on **“Context Awareness for the IoT”**
  - B.V.Sumanth Kumar (14X51A0568) of III CSE presented a paper on **“Process of Load balancing in Cloud Computing Generic Algorithm”**

## DEPARTMENT OF MASTERS OF BUSINESS ADMINISTRATION

### PROGRAMMES CONDUCTED BY THE DEPT

#### 1) BUSINESS EXPOSURE:



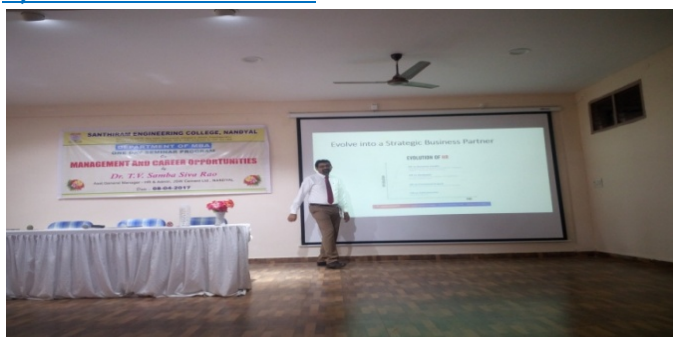
One day programme on **Business Exposure** held on **15/03/2017**. All the MBA students of SREC come up with the idea to establish a SME.

#### 2) MANAGEMENT DAY CELEBRATIONS:



To commemorate the birth anniversary of F.W.Taylor, we celebrated **Management Day** on **21/03/2017**. In this connection, we organized academic related activities like Business Quiz, Paper Presentations etc.,

#### 2) ONE DAY SEMINAR:



A seminar on **"Management & Career Opportunities"** by **Dr. T.V. Samba Shiva Rao**, Asst GM - HR and Admin, JSW Cements Ltd, Nandyal on **08/04/17**.

#### FACULTY ACHIEVEMENTS:

- **Smt.A.K.Neeraja Rani**, produced 100% pass percentage in GHRM (Elective) subject of 2015 Batch MBA-IV sem.
- **P. Sumod Priyatam**, produced 100% pass percentage in Management Science (MS) subject of 2013 Batch CSE in Final Year First Semester(IV-I).

#### FACULTY PUBLICATIONS:

- Mrs. A.K. Neeraja Rani published the following paper
  - **"An Analysis on CSR initiatives towards employees-various companies in southern India"** in International journal, GRD vol 2, Issue - 3, in the month of Feb 2017.
  - **"An analysis on the perceptions and initiatives of CSR on IT industries in Southern India"** in International journal, IJRCM vol.7, Issue -4, in the month of April 2017.
- Ms. M. Umrez, attended two-day workshop held at ALTS, Rajampet, on **"Research Methodology and Data analysis through SPSS"** on 24<sup>th</sup> and 25<sup>th</sup> of March 2017.
- Mr. A.V.V. Subba Rao, attended two-day workshop on **"Digital Marketing"** organized by Department of Management, Rayalaseema University, on 6<sup>th</sup> and 7<sup>th</sup> April 2017.

#### STUDENTS' ACHIEVEMENTS:

- K.Pavani, N.Dharani, & B.Shobha of IIMBA won **First prize** in the HR Event in Management Meet **UNNATHI 2K17** held at Dr.K.V.Subba Reddy Institute of Management, Kurnool.
- K.Pavani, Sd.Nafees has presented paper on **"Effect of Demonetization"** and achieved **Second position** in the paper presentation held at ALTS, Rajampet.
- G.Ashok Anand Reddy, T.Jagadeswara Reddy won **Second position** in the **Marketing event** in the Management Meet **SAMVIDHAN-2K17** at Geethanjali Institute of Technology.
- K.PAVANI, B.SHOBHA RANI won **Second position** in the **HR event** in the Management Meet, **SAMVIDHAN-2K17** at Geethanjali Institute of Technology.
- D.Parameshwar Reddy, B.S.Venkatesh of IMBA has won **Second position** in the **Finance & B-Quiz Event** of Management Meet **UNNATHI 2K17** held at Dr.K.V.Subba Reddy Institute of Management, Kurnool.
- N.Amarnath Reddy won **Second position** in the **HR event** in the Management Meet **SAMVIDHAN-2K17** at Geethanjali Institute of Technology.
- C.Anuradha won **Second position** in the **Finance event** in the Management Meet, **SAMVIDHAN-2K17** at Geethanjali Institute of Technology.



## DEPARTMENT OF BASIC SCIENCES

### 1) NATIONAL SCIENCE DAY ON 28<sup>TH</sup> FEBRUARY

The theme of the year 2017 was "Science and Technology for Specially abled Persons. To give an opportunity to the scientific minded, to encourage the people as well as popularize the Science and Technology, to provide a real platform for the budding scientists to make their career and profession in Science, The Department of BASIC SCIENCES organized National Science Day on 28<sup>th</sup> February 2017.



### 2) ONE DAY SEMINAR:

Department of BASIC SCIENCES organized a one-day seminar on **"ADVANCES IN CHEMISTRY AND ENVIRONMENTAL STUDIES"** on 16/03/2017 by Shri **Dr.Rambabu Gundla**, Assoc prof GITAM UNIVERSITY Hyderabad. He explained the fundamental aspects of polymer chemistry with the ease of understanding.



### 3) ONE DAY SEMINOR ON "ENGLISH AS A GLOBAL LANGUAGE":

Organized a **One Day programme on "ENGLISH AS A GLOBAL LANGUAGE"** on **31/3/2017** by **Dr.V.V.RAJENDRA PRASAD** retired professor of SK University, Anantapuram. An outcome of this session is an action plan to improve and develop the speaking skills of the students.



### FACULTY JOURNALS/CONFERENCES:

- **Dr. R. Venkata Ramana** Asst.Prof published a book titled "SPECTRUM OF LIFE DISPLY IN TV. REDDY HAIKU" IN Research India press ISBN: 978-93-5171-085-1 IN JANUARY 2017.
- The following faculty members attended a **National Level Workshop on ADVANCES IN MATERIAL CHEMISTRY**, held at **Yogi Vemana Unviersity, Kadapa**, during **14<sup>th</sup> & 15<sup>th</sup> of March 2017**.
  - **Dr. P. Jagadeeswara Rao**, Asst.Prof, Dept of Chemistry,
  - **N.Md.Akram**, Asst.Prof, Dept of Chemistry,
  - **Dr.K.Aruna**, Asst.prof, Dept of Physics,
  - **R.Ramadevi**, Asst prof, Dept of Physics,

## SREC - NSS UNIT



**NSS UNIT LEVEL YOUTH FEST** on 05-01-2017 and winners received certificates from Principal of SREC.



Organized **7<sup>th</sup> NATIONAL VOTERS DAY** on 25-06-2017 and all given **oath** of using vote right.



Conducted **DISTRICT LEVEL YOUTH FEST** on **20-01-2017** at **SREC premises**. The students from various colleges around Kurnool Dist. participated. The chief guest **Prof.MLS.DEVAKUMAR**, NSS Coordinator, JNTUA, presented certificates and mementos to winners.



**SREC-NSS UNIT** conducted **BLOOD DONATION CAMP** on **14-03-2017** and 40 units of blood-donated by NSS volunteers.



ON **23-01-2017** SREC NSS Program Officer **RAJASHEKAR** represented in **JNTUA UNIVERSITY LEVEL YOUTH FEST** as **CONTINGENT LEADER** of **KURNOOL Dist.** and he received certificate from **Prof.MMM.SARKAR, V.C, JNTUA**



**SREC-NSS UNIT** conducted **SWACHH BHARAT** program on **16-03-2017** in the presence of **Dr.M.Santhiramudu**, Chairman of SREC and **Dr.M.V.Subramanyam** Principal of SREC.



# PLACEMENTS @ SREC



**INVENSIS, BANGLORE,  
DATE:04-02-2017**



**MERLIN SOLUTIONS HYDERABAD  
DATE:15-03-2017**



**KARVY COMPUTERSHARE, HYDERABAD  
DATE:03-03-2017**



**JUST DIAL,  
DATE:13-05-2017**



**SV TECH SOLUTIONS, HYDERABAD  
DATE:07-03-2017**

# FAREWELLS @ SREC (FOR 2017 OUT GONE BATCHES)

## EEE



The Department of Electrical & Electronics Engineering organized the **Farewell Day** to 2013 Batch Students on **19-04-2017**.

## ECE



The Department of ECE organized **Farewell function** on **20/04/2017** ECE students.

## ME



The Department of Mechanical Engineering has conducted **Farewell Day** on **21/04/2017** for 2013 Batch Students

## CSE



The Department of CSE conducted **Farewell Day** on **18-04-2017** for 2013 Batch students.

## MBA



On **28/04/2017** The Dept of MBA celebrated Farewell day to 2015-17 Batch students.



MBA Senior Students actively taking participation in the games activities.



## GAMES & SPORTS @ SREC

SREC organized SREC Maha Sangram (SMS-2K17) during 18<sup>th</sup> to 20<sup>th</sup> of Feb, 2017. For boys the games events like Volley Ball, Kabaddi, Cricket, and athletic events like Long Jump, Shot-put, 100 mts running etc., and for girl students games like Throw Ball, Tennikoit, Cricket and athletic events like Long Jump, Shot-put, 100 mts running were conducted. Students from various branches and sections participated very enthusiastically with winning spirit. Near about 350 students participated in various games & sports activities.

### GLIMPSES OF SMS-17

