



# KSRMCE NEWS LETTER

**K.S.R.M. COLLEGE OF ENGINEERING, KADAPA-516 003. [A.P.]**

**(AUTONOMOUS)**

**(Approved by AICTE and Accredited by NBA & NAAC, Affiliated to JNTUA, Ananthapuramu)**

ISO 9001: 2008 Certified Institution

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## NEWS LETTER COMMITTEE

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### ***Message from the Desk of Director***



**Prof.K.S.N.Reddy,  
Director,  
Kandula Group of Institutions**

Dear Reader,

The performance of the students in recent examinations is good. However there are some failures in certain branches. Failure is a comma not a full stop. I believe that in life failure can be a bigger motivator than success. It's a given fact that people are going to fail, not just once but multiple times and if you can ruin the concept of fear of failure completely, then you are definitely on to something constructive. People think failure as a dead end and that's the problem.

Do not worry if you lack something. No human being is perfect. At the same time no one is completely imperfect too. Even the greatest of brains may go wrong elsewhere. Do not get scared by failure. Analyze the reasons for failure. Realign your goals. Recalibrate your strategy by plugging the lapses and evolving a "yes I can" morale booster. May the lord and the divine mother shower their grace and blessings on you.

### ***Message from the Desk of Principal***



**Dr.V.S.S.Murthy,  
Principal, KSRMCE**

Hello friends,

Greetings to all. The first quality every person needs is attitude. It is defined as a settled way of thinking or feeling about something. Life as it is very tough and one needs to look at the positive side of the issue. Having the right attitude is important as it takes us places. Having a positive attitude at the work place is imperative. Work would present many problems and only those people are employed who know how to solve them with a positive attitude and with a smile.

The world is looking for people with the go getter attitude. Everyone should knock out the letter 'f' from the word cannot and it becomes can. Once the word turns 'can' the world becomes a better place to live. A positive attitude changes everything.

In whichever race you participate keep on struggle to finish line. It is not always about winning: rather it is about spirit and attitude. It is about the participation as much as winning medals. Wish you good luck.

# ACADEMIC TOPPERS FOR THE YEAR 2014-15

## COLLEGE TOPPER



**B. Pavani**  
EEE 4<sup>th</sup> year  
119Y1A0211  
85.32%

## BRANCH WISE TOPPERS

### IV B.Tech.



**S. Siva Sankar**  
CE  
119Y1A01B9  
81.21%



**B. Pavani**  
EEE  
119Y1A0211  
83.64%



**S. Sriharshini**  
ME  
119Y1A0386  
80.64%



**B. Jahnavi**  
ECE  
119Y1A0405  
78.92%



**M. Navyatha**  
CSE  
119Y1A0555  
78.00%



**M. Lokeswari**  
CSE  
119Y1A0558  
78.00%



**K. Tejeswini**  
IT  
119Y1A1228  
77.28%

### III B.Tech.



**K. Thejesh**  
CE  
129Y1A0164  
74.93%



**K. Kavya**  
EEE  
129Y1A0238  
81.00%



**D. Sasidhar Reddy**  
ME  
129Y1A0319  
76.93%



**G. Sunil Kumar Reddy**  
ECE  
129Y1A0438  
78.06%



**P. Prathibha**  
CSE  
129Y1A0599  
75.33%

### II B.Tech.



**G. Teja Simha Reddy**  
CE  
139Y1A0145  
78.20%



**P. Neha**  
EEE  
139Y1A0287  
80.60%



**R. S. S. Manoj Kumar**  
ME  
139Y1A03A0  
81.93%



**M. Sravya Reddy**  
ECE  
139Y1A0473  
82.00%



**B. Harisha**  
CSE  
139Y1A0507  
76.00

### I B.Tech.



**K. Haritha**  
ECE  
149Y1A0464  
85.54%



**B. V. R. K. S. S. Sai**  
ME  
149Y1A0305  
84.36%



**B. Madhu Latha**  
EEE  
149Y1A0212  
82.72



## **AUTONOMOUS ENGINEERING COLLEGES MEET**

5<sup>th</sup> Meeting of Consortium of Autonomous Engineering Colleges in the region of JNTUA was held on 14-03-2015 (Saturday) in the college at 10.30am. All the Management members, Directors and Principals of 10 Autonomous Colleges in the region of JNTUA were attended.



***Meeting of Consortium of Autonomous Engineering Colleges***

## **'A' GRADE TO KSRMCE**

Department of Technical Education, Andhra Pradesh has given grading (A to D) to all Engineering Colleges based on certain key performance indicators. Our College has been placed in Top A Grade.

## **COMPUTING FACILITIES ADDED**

The college has procured branded Dell Computers (80 Nos.) with configuration Core i3 processor, 4GB RAM, 500GB HDD etc., worth of Rs.23,60,000- and installed in existing departmental computer labs of ECE, ME, CSE and Central library.

## **Ph.Ds. AWARDED**

Sri.V.Lokeswara Reddy, Associate Professor in CSE Department, was awarded Ph.D. in Computer Science & Engineering by JNTUA Ananthapuramu in the month of April 2015, for his thesis entitled "Novel Techniques for Data Hiding in Image, Audio and Video: A Steganographic Approach".

Sri.V.Giridhar, Associate Professor in CE awarded Ph.D. in Faculty of Civil Engineering, in the month of June 2015 from JNTUA Ananthapuramu for his thesis entitled "Experimental studies on strength and durability characteristics of ceramic waste aggregate concrete".



**Dr.V.Lokeswara Reddy**



**Dr.V.Giridhar**

## **BOOKS PUBLISHED BY FACULTY**

Dr.B.Rama Bhupal Reddy, Associate Professor in Mathematics Department authored a text book titled "Probability and Statistics for Engineers", published by Research India Publications (Delhi), 2015 (ISBN:978-93-84443-08-5).

Dr.B.Rama Bhupal Reddy, Associate Professor in Mathematics Department authored a text book titled "Advanced Mathematics for Engineers and Scientists", published by Research India Publications (Delhi), 2015 (ISBN:978-93-84443-09-2).

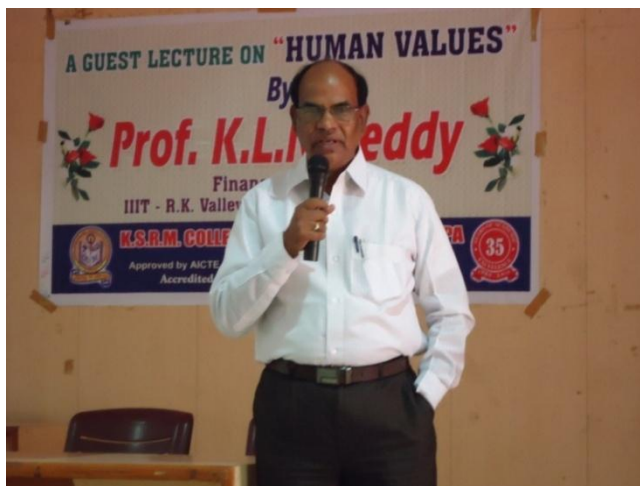
Dr.V.Lokeswara Reddy, Associate Professor in CSE Department, authored a text book titled "Novel Approaches for Multimedia Steganography", Published by Lambert Academic Publishing (LAP), in the month of September 2015 (ISBN:978-3-659-77945-9).

Dr.N.Sreekanth, Associate Professor in ECE Department has written a text book titled "Interference Cancellation Methods in MIMO-OFDM Systems" and the same is published by Lambert Academic Publishing, Germany for the use of the staff and students (ISBN:978-3-659-67451-8).

## **GUEST LECTURES ARRANGED**

A constructive programme was organized by Sri.E.Vijay Kumar, the Director of VIMP, in our K.O.R. Auditorium on 10-09-2015. He delivered a speech on "Communication Skills" and created awareness on the career of students and its importance in the life of students.

A guest lecture on "Human Values" was arranged in our K.O.R. Auditorium on 22-08-2015 at 11.00am by Prof. K.L.N. Reddy, Finance Officer, IIT, Idupulapaya.



***Prof.K.L.N.Reddy delivering a lecture on Human values***



***The students were listening to the guest lecture***

Department of ME arranged guest lectures as detailed below:

1. Dr.B.Sudheer Prem Kumar, Professor, ME, JNTUCE, Hyderabad, given a guest lecture on the topic "Improvements of IC Engines" on 24-07-2015 for IV B.Tech. Students.
2. Sri.V.Vijay Kumar, Kadapa, delivered a guest lecture on the topic "Improvements of Auto CAD & CREO" on 14-08-2015 for II B.Tech. Students.
3. Dr.G.Jaya Chandra Reddy, Professor & Dean of Mechanical Engineering, Yogi Vemana University, Proddatur, delivered a guest lecture on the topic "Introduction to Composite Materials" on 12-09-2015 for IV B.Tech. students.
4. Dr.M.Ravi Sankar, Assistant Professor in Mechanical Engineering Department, IIT Guwahati, delivered a guest lecture on the topic "Advanced Abrasive Nano-

Finishing Processes for furnishing of Macro to Micro Complex 3-D Features" on 15-09-2015 for IV B.Tech. students.

A Guest lecture conducted on "NBA Self Assessment Report Preparation", in conference hall on 26-08-2015 by Dr.G.M.Madhu, Associate Professor, Department of Chemical Engineering, M.S.Ramaiah Institute of Technology, Bangalore. The Heads of the Department of Engineering, NBA Coordinator, NBA Programme Coordinators and module coordinators were attended the programme.



***Dr.G.M.Madhu delivering a lecture on NBA SAR Preparation***

NTV organized a Live telecaste programme on 27-02-2015 at about 4.00PM in our K.O.R. auditorium on the topic "Conduct of EAMCET Examination for Admission into B.Tech. Course is Mandatory or Not". I B.Tech. Students and faculty were participated in that programme.

## **WORKSHOPS ORGANIZED**

1. The Mechanical Engineering Department organized workshop on "Quad Copter" in association with Aertrix on 18<sup>th</sup> - 19<sup>th</sup> March 2015.
2. As a part of Tantrikmela2K15 & Prayathna2K15, Department of CSE organized 2 day workshop on "Android Application Development" on 18<sup>th</sup> & 19<sup>th</sup> March 2015. Mr.M.Sujith, Software Trainer, Techfort Software Services Private Limited, was the main key person for this two day workshop. Other events such as Poster Presentation, Technical Quiz, and Art Gallery were conducted.





**Mr.M.Sujith delivering a lecture in the Workshop**

3. Department of CSE organized one day faculty Development Programme on “IBM Bluemix Cloud Computing” on 30-12-2015. Mr.C.Yuktesh, from IBM, was the key resource person for this workshop. Around 40 faculty members from different engineering colleges took part in this workshop.



**Mr. C.Yuktesh delivering a lecture in FDP**

## EDUCATIONAL TOURS

1. Final Year EEE A/S Students visited 220KV sub-station at Sankarapuram, Kadapa on 25<sup>th</sup> July 2015. The students were accompanied by faculty members Sri.M.Lakshmi Narayana, Sri.C.Harshavardhan Reddy and Smt.P.Ramya.
2. Final Year EEE B/S Students visited Solar Power Plant and 22KV sub-station at Pulivendula on 7<sup>th</sup> October 2015. The students were accompanied by faculty members Sri.N.Siddik, Sri.P.V.Ravi Kiran, Smt.K.Shobha Rani and Smt.C.K.Lakshmi Prasanna.
3. III B.Tech. EEE A/S and B/S Students visited Rayalaseema Thermal Power Plant, Muddanur on 28<sup>th</sup>

February 2015. The students were accompanied by faculty members Sri.B.Mouli Chandra, Sri.P.Durga Prasad, Sri.N.Siddik and Sri.M.Lakshmi Narayana.

4. II B.Tech. EEE B/S Students visited Rayalaseema Thermal Power Plant, Muddanur on 2<sup>nd</sup> April 2015. The students were accompanied by faculty members Sri.C.Harshavardhan Reddy and Sri.M.Lakshmi Narayana.

5. II B.Tech. EEE A/S and B/S Students visited Rayalaseema Thermal Power Plant, Muddanur on 8<sup>th</sup> August 2015. The students were accompanied by faculty members Sri.K.Kalyan Kumar, Sri.M.Lakshmi Narayana, Smt.C.K.Lakshmi Prasanna and T.Lakshmi Bhavani.

## TANTRIKMELA

A two day National Level Technical Symposium and Cultural Meet (TANTRIKMELA15) was conducted on 18<sup>th</sup> & 19<sup>th</sup> March 2015. As part of Tantrikmela2K15, Engineering Departments in the college conducted workshops, paper presentations, poster presentations, technical quiz etc. The students from different engineering colleges participated in various events. The two day fest was ended with cultural events.

## ENGINEERS DAY CELEBRATION

The College celebrated Engineer's Day in commemoration of 155<sup>th</sup> birth anniversary of Sir Mokshagundam Visvesvaraya on 15-09-2015. A workshop on Firefox Development was conducted in our K.O.R.Auditorium. The project model exhibition was also arranged. The students from different branches exhibited their models. Finally the day was ended with cultural events.



**Inauguration of Engineers Day Celebration**



***Project Model Exhibition***

## **TRAINING AND PLACEMENT CELL**

1. A placement drive has been conducted for the client DATALOGICS, Chennai on 16<sup>th</sup> October 2015. They conducted screening test and personal interview for students. They finally selected 06 students and given offer letters.
2. A placement drive has been conducted for the client Precision Engineering, Chennai on 17<sup>th</sup> October 2015. Ten students were selected for that company.
3. A placement drive has been conducted for the client Gleanwood Systems, Chennai on 2<sup>nd</sup> November 2015. Three students were selected.
4. Ten days Campus Recruit Training Programme by M/s. Intelitz IT Solutions Private Limited, Hyderabad for the final year B.Tech. Students have been conducted from 03-08-2015 to 07-08-2015 and from 10-08-2015 to 17-08-2015.
5. Two day workshop on C, C++ by Mr.Srinivas for the Final year B.Tech. Students.
6. Ten days Campus Recruitment Training Programme by Intelitz IT Solutions Pvt. Ltd., Hyderabad for the III B.Tech. Students.



***Selected students in Campus Recruitment Drive***

## **N.S.S. ACTIVITIES**

1. A mega blood donation camp was organized by our NSS volunteers in association with Red Cross Society, Pulivendula & Bhoga Parvathamma Blood Bank, Kadapa at an Old Age Home, Chinna Rangapuram, Pulivendula in which 110 no. of volunteers have donated their blood.
2. Homeo medicine was distributed for "Swine Flu" disease in a village Krishnapuram and also in College Campus by our NSS volunteers on 13<sup>th</sup> February 2015.
3. International Yoga Day was observed in the College Campus on 21<sup>st</sup> June 2015.



***Staff participation in International Yoga Day***

## **CENTRAL LIBRARY**

A three storeyed Central Library of the college, serves the needs of the students as well as faculty members. The library is spacious accommodating nearly 300 members at a time.

At present the library has about 56,842 volumes and is constantly being strengthened by adding new literature in the form of encyclopedias, periodicals, text books, reference books, journals of International and National repute and CD-ROM.

An exclusive reference section containing encyclopedia, rare volumes is made available for reference. A large portion of the Library is demarcated for journals and periodicals. This section gives primary source of information about day-to-day developments in technology and science.



The Central Library also has a book bank for the benefit of students belong to weaker sections, Scheduled Castes and Scheduled Tribes. Students of this category can borrow books for a whole academic year / Semester as the case may be according to the rules framed for this purpose.

The digital library and information centre initiated in central library in promoting e-learning culture and e-readiness and accessing huge e-journals and e-books.

The digital library and information centre of central library provides access to more than 12000 online Bibliographic databases of UG and PG courses, previous years of question papers and GATE papers.

Department	Titles	Volumes	Journals & Magazines
CE	1913	9063	38
ME	1486	9572	46
CSE	4524	14373	44
EEE	824	5425	43
ECE	1198	7919	45
Mathematics	624	4539	07
Physics	226	1369	04
Chemistry	165	1002	03
English	433	1387	--
Management	232	1009	01
General	630	1181	23
<b>Total</b>	<b>12258</b>	<b>56842</b>	<b>151</b>

## ALUMNI ASSOCIATION

KSRM Alumni Association, Kadapa conducted a Guest lecture on "Energy Conservation Mission of India" by Sri.K.Madhu Babu, Green Energy Solutions, Chennai on 12<sup>th</sup> April 2015.

Sri. K.Raghu Rama Prasad, Head Pre Sales Aero Space and Defenses in Techmahendra, Chennai, Alumni of 1982-86 batch, has delivered guest lecture on "Career Orientation Program" for final year students on 25<sup>th</sup> September 2015.

Sri. M.Ravi Sankar, Assistant Professor in ME, IIT Guwahati, 1999-2003 delivered a guest lecture in Mechanical Engineering Department on 25<sup>th</sup> September 2015.

Reunion of 1984-88 Alumni batch of this college took place in Washington D.C., USA from 30<sup>th</sup> October to 1<sup>st</sup> November 2015.



## Reunion of 1984-88 Alumni batch in Washington D.C., USA.

The alumni batches of 1982-86 and 2000-2004 visited the college on 12-12-2015 and 26-12-2015 respectively. They met Principal, Director, and Correspondent on that day and shared their experience in and out of the campus. The alumni gathered in auditorium and shared their experiences.

## ENTREPRENEUR DEVELOPMENT CELL

The Entrepreneur Development Cell organized the following programs during the year 2015-16 and also arranged visits to the nearest industries for the benefit of students.

Entrepreneur Awareness Camp-1 was conducted for III EEE & III ECE students during 5<sup>th</sup> - 7<sup>th</sup> February 2015. The resource Persons for this programme are Sri.S.Rajesh Reddy, CEO, Xploreall.com, Chennai, Sri.C.Ramakrishna Reddy, Project Coordinator, APITCO, Kadapa, Sri.Mddaiah, APITCO, Kadapa, Sri.Y.Babji, A.P.Khadi & village Industries Board, Dr.A.Hariharanath Reddy, Associate Professor in MBA, KLM College of Engineering for Women, Kadapa, Dr.G.Krishna Mohan, Principal, Kandula School of Management, Kadapa.

Entrepreneur Awareness Camp-2 was conducted for III ME & III Civil students during 19<sup>th</sup>- 21<sup>st</sup> February 2015. The resource Persons for this programme are Sri.Varaprasad, JKC, Govt. Arts College, Kadapa,, Sri.C.Ramakrishna Reddy, Project Coordinator, APITCO, Kadapa, Sri.Mddaiah, APITCO, Kadapa, Sri.Y.Babji, A.P.Khadi & village Industries Board, Dr.A.Hariharanath Reddy, Associate Professor in MBA, KLM College of Engineering for Women, Kadapa, Dr.G.Krishna Mohan, Principal, Kandula School of Management, Kadapa.





**Dr. K. Rajagopal, HOD MED, addressing the gathering**

### KSRMCE STUDENTS CLUB

To enrich interpersonal skills and communication skills a students club is established. In this regard students will have exposure to participate in various events conducted by various clubs such as Opinion Club, Innovative Club, Placement and Project Club, Art & Gallery Club, Social Welfare Club and Sports Club. Mr. J. Manjunath, IV CSE has been nominated as Club Secretary for the academic year 2015-2016. The following are the some of the activities conducted by Student Club: Jam session, Essay writing, AMCAT mock tests, workshop on Firefox development, Model presentation, cultural fest, GATE mock tests, Awareness on Foreign Languages, Power point presentation skills, Interview skills, TCS mock test, etc. The students from different branches actively participated in the events.

### DEPARTMENT OF PHYSICAL EDUCATION

The Andhra Cricket Association (ACA) and KSRMCE jointly developed our college cricket grounds. The ACA has entered into an agreement with our college to conduct state level and interstate level cricket matches. Recently our college hosted Under-14 and Under-19 Interstate cricket matches.



**Under-14 Inter State Cricket Match in progress**

The following students were selected to the JNTUA University team for the academic year 2015-16 in different games given below.

SL. No	Name of the Student	Class	Game
1.	C.Kiran Kumar	III ME	Hand Ball
2.	Ravi Kumar	IV CSE	Table Tennis
3.	P.Sandeep	IV CE	Ball Badminton
4.	B.gowtham	IV ECE	Badminton
5.	K.Chaitanya Krishna Reddy	IV ME	Football

The District level Eenadu Cricket Tournament organized by Eenadu Publishers during 19-24<sup>th</sup> December 2015. In this tournament we secured runner up and received cash prize of Rs.2,500/-.

### SPOKEN TUTORIALS PROJECT

As a part of Spoken Tutorial Project, IIT Bombay, 25 students from III B.Tech. (CSE), were successfully cleared C test. The training was provided by Faculty from IIT Bombay in the form of video lectures to the students. The online test was conducted on 28-05-2015, by IIT Bombay. Sri K.Chandra Sekhar, Assistant Professor, Co-ordinated with Spoken Tutorial Project team. Prof. K.S.N. Reddy, Director, Dr. V.S.S. Murthy, Principal congratulated and presented certificates to the students.

### HOVERCRAFT DESGIN

S.Mohammad Rafi, T.Yogeswar, U.Ysawanth Kumar Achari, B.Ravichandra and K.Lokesh, B.tech. Final Year students of Mechanical Branch have designed and fabricated the "Radio Controlled Hovercraft" with the cost of Rs.25,000/- in one month under the guidance of Sri.A.Hari Krishna, Asst. Professor. The Hovercraft is functioning over land, water and mud or ice and other surfaces and also key tool to search and rescue operation. The lifting capacity of the above craft is 13.8 kg and thrust produced is 1.4 kg., and the final velocity of hovercraft is 1.8 m/s.

### FACULTY RECRUITED

The following staff members recruited during the period from 01-01-2015 to 31-12-2015.

Faculty Name	Designation	Dept.
Miss.K.Ravali	Asst. Professor	CE
Sri.P.Damodar	Asst. Professor	CE
Sri.M.Rajasekhar	Asst. Professor	CE

Miss.S.Pravallika	Asst. Professor	EEE
Miss.T.Lakshmi Bhavani	Asst. Professor	EEE
Sri.N.Sharief	Asst. Professor	EEE
Sri.V.Adinarayana Reddy	Asso. Professor	ECE
Sri.B.Sandeep Kumar Reddy	Asst. Professor	ECE
Miss.S.Jabeen	Asst. Professor	ECE
Sri.M.D.V.Satya Swaroop	Asst. Professor	ECE
Miss.K.Divya Lakhmi	Asst. Professor	ECE
Sri.P.Krishnateja Yadav	Asst. Professor	ECE
Sri.K.Sudershn Kumar	Asst. Professor	ME
Sri.K.Md.Jabiullah	Asst. Professor	ME
Sri.M.Suresh	Asst. Professor	ME
Sri.K.Bhaskar	Asst. Professor	ME
Sri.Ch.John Marie Britto	Asst. Professor	ME
Sri.D.Hari Krishna	Asst. Professor	ME
Miss.P.Ramya	Asst. Professor	ME
Sri.S.Mallikarjuna Reddy	Asst. Professor	ME
Miss.M.Jyotheeswari	Asst. Professor	CSE
Miss.K.Jyothsna	Asst. Professor	CSE
Sri.K.Venkateswara Prasad	College Librarian	Library

## FACULTY RETIRED

The following teaching and non-teaching staff members were retired from their services on attaining the age of superannuation on the dates mentioned against them.

Name of the Staff	Designation	Date of Retirement
Dr.K.J.Pillai	Professor & HOD, Mathematics	31-03-2015
Sri.Y.Nagamuni Reddy	Record Asst. in Exam Section	30-09-2015
Sri.C.Ramulu	Carrier Boy	31-05-2015



Dr. K.J.Pillai



Sri. Y.Nagamuni Reddy



Sri. C.Ramulu

## FACULTY PUBLICATIONS IN JOURNALS

Dr. V.S.S.Murthy , Dr. K.Rajagopal, Dr. D.Ravikanth and Sri.C.Nagaraja published a paper titled “Fabrication of a Model Go-Kart (with Low Cost)”, IOSR Journal of Mechanical Engineering & Civil Engineering, Vol.12, Issue.6, November-December 2015.

Dr. V.S.S.Murthy, Dr.K.Rajagopal and Sri.A.Harikrishna published a paper titled “Design and Fabrication of Kids Bike”, in international Journal of Research, Vol.2, Issue.10, October 2015.

Dr. K.Rajagopal published a paper titled “Structured and Thermal Analysis on rotor disk brake by varying materials by using Ansys”, in International Journal of Research, Vol.2, Issue.11, November 2015.

Sri. M.Veeranjaneyulu, Dr.D.Ravikanth published a paper in International Journal of Research titled “Impact Strength Analysis” on passenger seat during crash by using hyper works” , Vol.2, Issue.10, October 2015.

Sri. R.Rama Krishna Reddy, published papers (i) “Design and Analysis of pressure die casting die for side differential cover of mini truck”, published in International Journal of Research (IJR), vol.2, Issue.12, December 2015, (ii) “Simulation Analysis of Capered Beam”, in International Journal of Emerging Engineers Research and Technology, issue.5, May 2015.

Sri. K.Suresh Kumar published a paper titled “Mono Composite Leaf Spring-Design and Analysis by using FEA under Static Load Condition”, in the International Journal of Innovative Science, Engineering and Technology, Vol.2, Issue.3, March 2015.

Dr.M.Sreenivasulu published papers (i) “Implementation of authorized duplication in hybrid computing model”, in International Journal of Engineering and Management Research, Vol.5, No.4, August 2015, (ii) “Implementation of decentralized access control with anonymous authentication in cloud”, in IJEMR, Vol.5, No.6, 2015.

Dr. V.Lokeswara Reddy published papers (i) “Novel Chaos Based Steganography for Images Using Matrix Encoding and Cat Mapping Techniques”, in International Journal of Information Security and Computer Fraud, Science and Education Publishing (SCIEP), (ii) “Dithering Technique for Digital Image Steganography, in International Journal of Computer Applications, USA, Vol.123, No.5, (iii) “Novel QR Code Image Watermarking using Wavelet Transform”, in International Journal of Computer Applications, USA, Vol.123, No.17, 2015, (iv) “Combine use of

Steganography and Visual Cryptography”, in IJCA, USA, Vol.124, No.06, , August 2015.

Sri. K.Srinivasa Rao published papers (i) “Mining user interests from web log data using long period extracting algorithm”, in International Journal of Applied Engineering Research, vol.10, No.10, July 2015, (ii) “Mining user interests from web log data using long period extracting algorithm”, in International Journal of exploring emerging trends in engineering, Vol.2, Issue.1, Mar-Apr 2015, (iii) “Sensitive and privacy sensitive attributes in data mining with discrimination”, in IJEETE, Vol.2, Issue.3, May-June 2015, (iv) “Inferring user search goals for a query by clustering the feedback sessions”, in International Journal & Magazine of Engineering , Technology, Management and Research, Vol.2, Issue.4, April 2015.

Sri. G.Nagendra Babu published papers (i) “A comparative analysis of routing protocols for WSNs with mobile sim”, in International Journal of Engineering, Management and Research, vol.5, Issue.4, August 2015, (ii) “Multilevel priority based packet scheduling scheme for WSNs” (iii) “Efficient mechanisms for data gathering in wireless sensor networks by mobile collectors”, in IJEMR, Vol.5, Issue.4, August 2015.

Sri. B.Peda Narayana published papers (i) “Enabling creating meta data for document through Annotate-As-you create”, in International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.32, August 2015, (ii) “Leakage resilient cryptosystem for sharing of partial data along with accumulated key in cloud storage”, in IJSETR, Vol.4, Issue.24, July 2015.

Miss. A.Haritha Published a paper titled “ORUTA: Enabling security and public batch auditing for distributed data in the cloud”, in International journal of Scientific Engineering and Technology Research, vol.4, Issue.32, August 2015.

Smt. M.V.Rathnamma published a paper titled “A relationship based approach for energy aware secure routing in manets”, in Index Science Publisher, Vol.4, July-August 2015.

Miss. K.Jyothsna published a paper titled “Dithering Technique for Digital Image Steganography”, In International Journal of Computer Applications, vol.123, No.5, August 2015.

Dr. T.Kiran Kumar published a paper titled “Evaluation of fertility index on watersheds in Rayalaseema Region”, in International Journal of Research in Engineering and Technology.

Dr. V.Giridhar published papers (i) “Experimental Studies on Clay Bentonite, and Leachate Mixer as Liner Material”, in International Journal of Innovative Research in Advanced Engineering, Vol.2, Issue.1, January 2015, (ii) “Development of regression models for strength of ceramic waste aggregate concrete”, in International Journal of Emerging Trends in Engineering and Development, Vol.1, Issue.5, December 2015, (iii) “Seismic Base Isolation with Geo-Synthetic Linea-Current Research”, IJETED, Issue.5, August 2015.

Sri. N.Amarnath Reddy published a paper titled “Study on use of polyster resin as course aggregate in concrete”, in National Journal of Earth Sciences and Engineering, April 2015.

Smt. C.N.Arputha published a paper titled “Enhancement of transient stability in power system with distributed static series compensator (DSSC) and fuzzy controller”, in International Journal of Eminent Engineering Technologies, Vol.3, Issue.5, September 2015.

Sri. M.Bhaskar Reddy published papers (1) Medium voltage through – Power converter topology for 10MW wind generation with the large permanent magnet wind generator systems”, in International Journal and Magazine of Engineering, Technology, Management and Research, Vol.2, 2015, (ii) “Loading balance of distribution feeders with loop power controllers considering fuel cell generation”, in International Journal of Research in Advanced Engineering technologies, Vol.5, Issue.5, September 2015.

Sri. K.Amaresh published papers (i) Implementation of UPQC in Micro Grid Applications with Renewable Energy Resources”, in International Journal of Scientific and Technology Research, vol.4, Issue.36, September 2015, (ii) Fault Current Interruption by the Dynamic Voltage Restorer Based on Fuzzy Logic Controller”, in International Journal of Professional Engineering Studies, Vol.5, Issue.4, September 2015.

Smt. Saleha Tabassum published papers (i) “Application of Inductive Filtering method for suppression of harmonic transfer”, in International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.36, 2015, (ii) “Implementation of active power filter in IEEE 6-bus system with non-linear load application”, in International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.40.

Sri. K.Kalyan Kumar published papers (i) “Improvement of voltage profile using statcom with



adaptive PI control”, in International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.34, 2015 (ii) “Positioning of superconducting fault current limiters for the smart grid applications using simulink”, in International Journal of Eminent Engineering and Technologies, Vol.3, Issue.3, August 2015.

Sri. P.Durga Prasad published a paper titled “Transmission of Offshore Wind Power with Low-Frequency”, in International Journal of Research in Advanced Engineering Technologies, Vol.4, Issue.5, September 2015.

Sri. T.Kishore Kumar, published papers (i) “A New Method for Islanding Detection of Inverter – Based Distributed Generation using DC-Link Voltage Control”, in International Journal of Innovative Technologies, Vol.3, Issue.10, (ii) Improved Transformerless Inverter with Common-Mode Leakage Current Elimination for a Photovoltaic Grid – Connected Power”, in International Journal of Research in Advanced Engineering Technologies, Vol.5, Issue.1, September 2015.

Sri. M.Lakshmi Narayana presented a paper titled “A Single Stage Power Conversion PV-Battery System using Reconfiguration Solar Converter”, in International Journal of Professional Engineering Studies, vol.5, Issue.3, August 2015.

Prof. P.V.S.Murali Krishana published a paper titled “Two new first order all pass filters based on differential difference complementary current conveyer”, in International Journal of Control Theory and Application, Vol.8, No.1, June 2015.

Dr. M.Venkata Narayana published a paper titled “Palm print recognition for colour images using histogram of oriented lines”, in Journal of Research in Electrical and Electronics and Communications, Vol.2, July 2015.

Smt. G.Hema Latha published papers (i) Process of visual evoked potentials using mode deviation”, in International Journal of Engineering Trends and Technology, Vol.24, No.3, June 2015 (ii) “Processing of visual evoked potentials”, in International Journal of Applied Engineering Research, Vol.10, Issue.4, (iii) “An efficient DFT based channel estimation for OFDM systems that maintains complexity-complexity performance tradeoffs and with leakage suppression”, in Journal of Research in Electrical and Electronics (JREECS), November 2015.

Sri. A.Valli Basha published a paper titled “ Robust lossless data hiding using clustering and statistical quantity histogram”, in International Journal of

Innovative Research in Technology, Vol.1, Issue.8, 2015.

Smt. S Sharmila Banu published a paper titled “ PAPR reduction in MIMO-OFDM by using P-Offset SLM Method”, In International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.34, August 2015.

Sri. N.Nagendra Prasad published a paper titled “Improving cervical cancer classification on MRI using learning machine approximation and fuzzy segmentation”, in International Journal of Scientific Engineering and Technology Research, Vol.4, Issue.19, June 2015.

Dr. M.Sugunatha Reddy presented papers (i) “Globalization and its impact on Indian Economy: Developments and Changes, in International Journal of Multi Disciplinary Research Centre, Vol.1, Issue.3, 2015, (ii) “ A comparative study of load performance in selected Indian Public Sector Banks”, in International Journal of Engineering, Management and Research, Vol.5, Issue.4, 2015.

Sri. K.Khasim Peera published a paper titled “ A comparative study of load performance in selected Indian Public Sector Banks”, in International Journal of Engineering, Management and Research, Vol.5, Issue.4, 2015.

Sri. K.Vijaya Bhaskar Reddy published papers (i) “ The friction criticism of F.R.Leavis”, International Journal of Engineering, Vol.6, Issue.4, 2015, (ii) “Works on fiction criticism of F.R.Leavis”, ”, in International Journal of English Language, Literature and Translation Studies, Vol.2, issue.3, 2015.

Sri. K.Eswar Reddy published a paper titled “Works on fiction criticism of F.R.Leavis”, in International Journal of English Language, Literature and Translation Studies, Vol.2, issue.3, 2015.

Dr.B.Rama Bhupal Reddy published papers (i) Modeling and optimization of shape of a heat sink fins on motherboard”, in International Journal of Computer and Mathematical Science, Vol.6(5), 2015, (ii) “Optimization of petrol engine flywheel for variable speeds”, in IOSR-JMCE, Vol.12, Issue.3, 2015.

## **FACULTY PARTICIPATION IN CONFERENCES**

Sri.G. Nagendra Babu presented a paper titled “Adaptive Solutions for Security Issues in WSNs”, in National Conference NCACT 2015 at KCG College of Engineering, Technology, Chennai.

Dr. T.Kiran Kumar presented papers (i) "Impact Assessment of Subsurface Dams and its effects on water quality and water quantity", in National Conference NCWES-2015, (ii) "Ground water recharge through subsurface dams and their impact soil fertility status and agricultural productivity", in National Seminar on Water Resources, Department of Geophysics, Andhra University, Visakhapatnam, (iii) "Evaluation of fertility index on watersheds in Rayalaseema Region", National Conference on Climate Change and Sustainable Water Resourcing Management,

Dr. V.Giridhar presented a paper titled "Influence of ceramic waste aggregate properties on strength of ceramic waste aggregate concrete", in International Conference at Department of Civil Engineering, Osmania University, Hyderabad, 12-14<sup>th</sup> December 2015.

Sri. P.Rajendra Kumar attended conferences (i) Indian Geotechnical Conference (IGC-2015) on 17-19<sup>th</sup> December 2015, (ii) OPTUM G2 Geo-Technical Engineering", at Chennai on 30<sup>th</sup> December 2015.

Sri. P.Suresh Praveen Kumar attended conference "OPTUM G2 Geo-Technical Engineering", at Chennai on 30<sup>th</sup> December 2015.

Sri. P.Kishore Kumar Reddy presented a paper titled "Ground water recharge through subsurface dams and their impacts on soil fertility status and agricultural productivity", in National Seminar on Water Resources, Andhra University, Visakhapatnam, 10<sup>th</sup> July 2015.

Sri. Syed Zahiruddin presented a paper titled " A high frequency tunable sinusoidal oscillator using single CCCII", in IEEE conference on Control Instrumentation Communication and Computation Technologies at ICCIICCT-2015, Kumaracoil, Tamilnadu, 2015.

Sri. Y.Satheesh Kumar Reddy, Smt.G.Radha, Sri.G.Sreedhar and Sri.V.Ramachandra Reddy attended National Conference on Recent Developments in Application of Mathematics in Science and Engineering, Department of Humanities, AITS, Rajampet, 10<sup>th</sup>-11<sup>th</sup> January 2015.

Dr. N.Sulochana Presented a paper titled "Structure of Ordered Semirings", in National Conference on Recent Developments in Application of Mathematics in Science and Engineering, Department of Humanities, AITS, Rajampet, 10<sup>th</sup>-11<sup>th</sup> January 2015.

Sri. Y.Satheesh Kumar Reddy attended National Conference on Research Methodologies and LATEX, at Department of Mathematics, MITS, Madanapalle.

## FACULTY PARTICIPATION IN WORKSHOPS

Smt. M.V.Rathnamma, CSE attended workshop on "Role of Women in Engineering Education through IEEE", at JNTUACE, Ananthapuramu, 19-09-2015.

Sri. V.Chandra Sekhar, CSE attended workshop on "Model Workshop", at MITS, Madanapalle, 11<sup>th</sup> & 12<sup>th</sup> September 2015.

Sri. M.Purushothama Reddy, CSE attended workshop on "Programming in C & Data Structures", at JNTUA CE, Ananthapuramu, 25-26<sup>th</sup> March 2015.

Dr. T.Kiran Kumar CE attended workshop on "Participatory Irrigation Management", at VNR & VJIET, Hyderabad, 25-31<sup>st</sup> May 2015.

Sri. G.Venkateswarlu, CE attended workshop on "Participatory Irrigation Management", at VNR & VJIET, Hyderabad, 25-31<sup>st</sup> May 2015.

Sri. P.Kishore Kumar Reddy CE Attended workshops (i) Offshore Coastal and Ship Structures", at IIT Bombay 21-31<sup>st</sup> January 2015, (ii) "Past, Present and Future Scenario in Water Resources Coastal and Ocean Engineering", at NIT, Suratkal, (iii) "Research Methodology", BITS, Hyderabad, 3-4<sup>th</sup> April 2015, (iv) "Fundamental of Fluid Mechanics through Experiments", at IIT, Bombay, 2015, (v) "Numerical Ocean Hydrodynamics", IIT Kharagpur, 8-13<sup>th</sup> June 2015, (vi) "Fundamental of Applications of FEA/CFD in Engineering", at Mepco Schlock Engineering Colleges, Shivakasi, (vii) "Matalab on Engineering applications", on 29<sup>th</sup> August 2015, (viii) "Numerical Modeling of Free Surface flows in Coastal and Ocean Engineering", at IIT Bombay, 11<sup>th</sup> September 2015, (ix) "Dynamics Analysis and Design Ocean Structures", at IIT Bombay, 21-25<sup>th</sup> September 2015.

Sri. P.Rajendra Kumar , CE attended workshop on "Past, Present and Future Scenarios in Water Resources, Coastal and Ocean Engineering", at NIT, Surakal, 11<sup>th</sup> March 2015.

Sri. K.Amaresh, EEE attended workshops (i) "Outcome Education based on Washigton analysis tools", at JNTUA, Ananthapuramu, 04-08-2015 (ii) "Awareness on power systems simulation analysis tools", at JNTUA, Ananthapuramu, 22-09-2015, (iii) "Panel of Conference Organizer", AITS, Rajampet, 30-12-2015.

Sri. B.Sandeep Kumar Reddy, ECE attended workshop on "Digital VLSI System Design suing Verilog HDL", at C-Dac, Hyderabad, 14-19<sup>th</sup> December 2015.

Sri. Y.Venkateswar Raju, Sri.J.Sreenivasa Reddy, Sri.M.Rammurthy Naik and Sri.N.Radha Krishna, ECE

department attended workshop on “Cloud Computing on IBM Blue Mix”, at AITS, Rajampet, 28-12-2015.

Sri. N.Radha Krishana, ECE attended workshop on “Linear IC Applications using TIASLK Pro”, at GPREC, Kurnool on 29<sup>th</sup> – 30 June 2015.

## **ENDOWMENT PRIZES FOR MERITORIOUS STUDENTS**

1. An endowment prize in the name of Late Sri Sanivarapu Venkata Reddy is being awarded cash prize of Rs.20,000/- by younger brother of College Chairman Sri Sanivarapu Sankar Reddy to the College topper, Bollu Pavani, EEE branch, Roll No.119Y1A0211 who scored highest marks from I B.Tech. to IV B.Tech. among all branches for the academic year 2014-15.

2. An Endowment prize in the name of Dr.S.Subba Rao, Retired Professor, Department of Physics, K.S.R.M.College of Engineering, Kadapa is being awarded by his children to the students who secured highest marks in I B.Tech. every year and also to the students who secured highest marks in the subject of Physics every year. The following students are selected for the above prizes for the academic year 2014-15. Topper in I B.Tech.: Kommuri Haritha, Roll No. 149Y1A0464, 85.54% and Topper in Physics Subject: Bingimalla Nikitha, Roll No.149Y1A0511, 86 Marks.

3.Cash prize awards and certificate of merit are issued to the students who stood college topper, branch wise and class wise toppers from the Correspondent, Secretary, Director and Principal.



***Academic toppers with the Correspondent, Secretary, Director & Principal***

## **MERIT CERTIFICATES RECEIVED BY STUDENTS**

1. ME Students T.Sai Kamal and Mubarak Basha of presented a paper titled self healing composites by Micro Vascular Network in National Level Symposium, AMPLE at S.V.Colleges, Tirupati on 30<sup>th</sup> January. He was awarded First Prize.

2. K.Thejesh, IV B.Tech. Civil II Sem got Merit Certificate in Grand Manson held at KSRMCE, Kadapa.

3. K.Surendra, IV B.Tech. Civil II Sem got First Prize in Treasure Hunt CREADORS-2K15 held at SVU, Tirupati.

## **STUDENTS PAPER PRESENTATION IN TECHNICAL SYMPOSIUMS / CONFERENCES**

D.Ashok Kumar and B.Vinod Kumar EEE, presented a paper titled “Implementation of robotics in transmission lines”, in SPARX-2K15 at SVUCE, Tirupati on 31<sup>st</sup> March – 1<sup>st</sup> April 2015.

T.Venkata Subbaiah, B.Thirumalaiah EEE, presented a paper titled “Electro Magneto Hydro Dynamics”, at SVUCE, Tirupati on 31<sup>st</sup> March – 1<sup>st</sup> April 2015.

S.Manasa EEE, presented a paper titled “SCADA”, in Tantrikamela-15 at K.S.R.M.College of Engineering, Kadapa on 15, 18-19<sup>th</sup> March 2015.

D.Ashok Kumar, S.Gousia, EEE, presented a paper titled “Implementation of robotics in transmission lines”, in Tantrikamela-15 at KSRMCE, Kadapa.

M.Venugopal, EEE, presented a paper titled “Space Power Satellite”, in LAVA2K15, at Narayana Engineering College, Nellore, on 23<sup>rd</sup> March 2015.

G.Praveen Kumar and D.Ashok Kumar, EEE presented a paper titled “Space Power Satellite”, in EEL2K15 at JNTUACE, Pulivendula on 2-3<sup>rd</sup> March 2015.

P.Harish Kumar, D.Ashok Kumar, EEE presented a paper titled “Protection of Transmission line suing GPS”, in KORMTECHFEST-15 at KORMCE, Kadapa.

S.Manasa, EEE presented a paper titled “Regenerating Braking system for Hybrid Electro Vehicles” in Techfest-2015 at KLMCEW, Kadapa on 27-03-2015.

P.Harish Kumar, P.Ananjaneya Prasad, EEE presented a paper titled “Gaint Sea Snake – A Non Conventional Energy Method”, in EEL2K15 at JNTUACE, Pulivendula on 2-3<sup>rd</sup> March 2015.



Sri.C.V.Nagendra, EEE, presented a paper titled “Prepaid Energy Meter using Smart Card”, in NECTS15 at Narayana Engineering College, Nellore on 19<sup>th</sup> March 2015.

D.Ashok Kumar, EEE presented a paper titled “Autonomous Inspection robot for Power Transmission Liner”, in TECHFLASH-2K15 at Balaji Institute of Technology & Science, Proddatur.

K.Sudarshan, CSE presented a paper titled “5G Mobile Technology”, in Sarvagya2K15 at JNTUA College of Engineering, Pulivendula, on 4<sup>th</sup> – 6<sup>th</sup> March 2015.

K.Deepak, CSE presented a paper titled “Two Step Method for Clustering Mixed Categories and Numerical Data”, in Sarvagya2K15 at JNTUACE, Pulivendula, on 4<sup>th</sup> – 6<sup>th</sup> March 2015.

P.Sravani, CSE presented a paper titled “Android”, in Yuva Inspire-2K15, at Srinivasa Institute of Technology and Science (SRTS), Kadapa on 26<sup>th</sup> – 27<sup>th</sup> March 2015.

W.Manoj, CSE presented a paper titled “Electronic Waste”, in Yuva Inspire-2K15, at SRTS, Kadapa 26<sup>th</sup> – 27<sup>th</sup> March 2015.

D.Vishnu Vardhan & D.Veena, CSE presented a paper titled “Data Mining: Clustering of Data”, in Cynosure-2K15, at SVUCE, Tirupati on 9<sup>th</sup> – 10<sup>th</sup> March 2015.

K.Thejesh, CE presented a paper title “Green Highways”, in CREDDOS-15 at SVU, Tirupati.

T.M.Sabharish & V.Yogesh Kumar, CE presented a paper in Konvergenz-15 at KSRMCE, Kadapa.

V.Bhavani and M.Akhila CE presented a paper in Mohan a Mantra at Sri Vidyanikethan Engineering College, Tirupati.

K.Surendra, IV B.Tech. CE organized an event ANVESHA in Tantrikamela-2K15 held at KSRMCE, Kadapa.

## **STUDENTS PARTICIPATION IN WORKSHOPS / TRAINING PROGRAMMES**

M.Suvarna, EEE attended workshop “Solar and Smart Energy System”, on 16-18<sup>th</sup> October 2015.

R.Vamsi Krishna, R.Srinivasulu, EEE attended workshop on Solar and Smart Energy System on 16-18<sup>th</sup> October 2015.

Mr.L.Prabhu Kumar EEE attended workshop Solar And Smart Energy System on 16-18<sup>th</sup> October 2015.

Mr.C.G.Karthik, ME attended workshop Industrial Automation at Shastra, IIT Madras.

M.Chenna Krishna Reddy, K.V.Rohith Kumar Reddy, K.Venkata Dileep Kumar and M.Rajeswar Reddy attended workshop on Computational Fluid Dynamics, at Sri Vidyanikethan Engineering College, Tirupati.

K.Thejesh, IV B.Tech. CE attended workshops (i) Anvesh Treasure Hunt in Tantrikmela-15, KSRM College of Engineering, Kadapa on 18-19<sup>th</sup> March 2015, (II) SWECHA CCCAMP2K15 (Industry Oriented Training Camp, K.L. University, June-July 2015 (III) Indians Biggest Workshop on Bridge Design Construction, IIT, Bombay.

K.Keerthi and S.Sai Prasanthi, III B.Tech. CE attended in Tantrikmela-15 held at KSRMCE, Kadapa.

S.Jagadish Sai and U.Sreekanth Reddy attended workshop Mohan a Mantra Toll Building Design, Sri Vidyanikethan Engineering College, Tirupati.

P.Hareesh & V.Yogesh Kumar, III B.Tech. CE attended workshop Technirman-15 , Skulp Track, Held at Tadipatri.

First B.Tech. students attended National Youth Convention on 20<sup>th</sup> and 21<sup>st</sup> November 2015 at Ramakrishna Mission, Kadapa. Students were given away participation certificates.

