			1	
A.Anudeep	ECE	Caste Regidities		Andhra University, Visakhapatnam
P.Sesha Sai T.Vinod Kumar	ECE	e-Waste		Global College of Engg., Kadapa
P.Aswini	ECE	IOT		Global College of Engg., Kadapa
P.Sreelatha S.Sadik	ECE	IOT	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
P.Sreelatha	ECE	Stoarranger		Global College of Engg.,
S.Sadik M.Sridevi	ECE	Spintronics	MOHANMANTRA	Kadapa SVNEC, A.Rangampet, Tirupati
M.Jayasree L.Pavani	ECE	Surface Mount		Global College of Engg.,
L.Rupakala K.Sandya	ECE	Technology Cryonics		Kadapa Global College of Engg.,
S.Hajimunnisa Begum	202			Kadapa
M.Sajeeda Parveen	ECE	Surface Mount Technology	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
Md.Hazira Shahareen	ECE	Nano Electronics and Nano Technology	MOHANMANTRA	SVNEC, A.Rangampet
Md.Hazira Shahareen	ECE	Wirelss Power		Global College of Engg.,
M.Kumari Susmitha	ECE	Transmission Communication A	PHOTON'16	Kadapa MITS, Madanapalle
		Passport to the World		
S.Sadik K.Sai Bhargav Krishna	ECE	MEMS		Global College of Engg., Kadapa
B.Chandrahasa Reddy	ECE	Embedded Systems		Global College of Engg.,
J.Vijay Kumar	505			Kadapa
S.V.Madan Kumar	ECE	Nano Technology		Global College of Engg., Kadapa
S.V.Madan Kumar	ECE	IOT	ETE 2016	RGMIT, Nandyal
S.V.Madan Kumar S.Suresh Reddy	ECE	IOT – Real Applications		Global College of Engg., Kadapa
S.Mahesh S.Sarath	ECE	Wireless Technology		Global College of Engg., Kadapa
V.Tejomayee	ECE	English	PHOTON'16	MITS, Madanapalle
S.Saranya Jyothy V.Nirosha	CSE	Big Data & Analytics	JIGNASA 2016	GPREC, Kurnool 3 rd & 4 th October 2016
W.Manoj	CSE	Big Data	SANKETAH-2K16	CBIT, Proddatur 05-03-2016
K.Rajeswari	CSE	English Skills & Effective Writing	PHOTON'16	MITS, Madanapalle 04-04-2016
K.Rajeswari V. Priyadarshini	CSE	Nano Materials (Won 2 nd Prize)	TECH BLOOM-2016	SVCE for Women, Tirupati, 23-04-2016
K.Rajeswari V. Priyadarshini	CSE	Cloud Computing (Won 3 rd Prize)	SAPIENCE-2016	Sri Vasavi Engg. College, Nandamuru, Krishna Dt. 23-12-2016
A.Lavanya V.Bhargavi	CSE	Applications of Differential Equations (Won 2 nd Prize)	TECH BLOOM-2016	SVCE for Women, Tirupati, 23-04-2016
A.Lavanya V.Bhargavi	CSE	Internet of Things	SAPIENCE-2016	Sri Vasavi Engg. College, Nandamuru, Krishna Dt. 23-12-2016
S. Ganaga Swarna	CSE	Importance of Calculus in Engineering field	PHOTON'16	MITS, Madanapalli 4 th April 2017
V. Priyadarshini	CSE	Effective Writing and Technical Skills	PHOTON'16	MITS, Madanapalli 4 th April 2017

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STUDENTS PARTICIPATION IN WORKSHOPS / TRAINING PROGRAMMES

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STUDENT NAME	DEPT.	NAME OF THE WORKSHOP	VENUE & DATES	
G.Ganga Bhavani	EEE	Solar & Smart Energy Systems	SVNEC, A.Rangampet, Tirupati	
			08-10-2016	
K.Sai Bhargava Krishna	ECE	ARDUBOTICS	IISc., Bangalore	
P.Alli Basha	ECE	Animatronics	SVNEC, A.Rangampet,	
M.K.Susmitha			Tirupati.	
S.Fayaz Ahammed	ECE	IOT	GPREC, Kurnool	
K.Anudeep	ECE	Gesture Robotics	SVNEC, A.Rangampet, Tirupati	
A.Preethi	ECE	Cloud Computing	SVNEC, A.Rangampet, Tirupati	
C.Swathi	ECE	Inernship program	BSNL, Ananatapuramu	
M.Sridevi	ECE	Inplant Training	BSNL, Kadapa	
P.Sreelatha				
K.Ramesh	ECE	Game Developing (Java)	Visakhapatnam	

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KSRMCE NEWS LETTER

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

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Website: www.ksrmce.ac.in

E-mail: ksrmcengg@yahoo.co.in

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January 2016 - December 2016



Inauguration of JNTUA Autonomous Colleges Sports Meet



Sri K.Sivananda Reddy, Correspondent presenting certificate to winner



Sri.K.Rajamohan Reddy garu presentingtrophy

NEWS LETTER COMMITTEE

Prof. K.S.N. Reddy, Editor-in-Chief Sri. S.Prakash Reddy, Member

Dr. V.S.S.Murthy, Editor Sri. K.Subba Reddy, Member Dr. M. Sreenivasulu, Coordinator Sri.D.Guru Prasad, Member

2



Message from the Desk of Director

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

The world has become globally competitive in all spheres, especially in education. Science and Technology dominates every sphere of life. Earlier, man had to compete with fellow men to achieve in career and personal life. But in the present world, man has to compete with technology as well. The quality of education thus should empower mankind. Our college is progressing in the right direction towards enriching education, with the motto "EDUCATE TO ELEVATE". The curriculum is designed with the recent advances in the respective subjects with frequent updates to meet the challenges. It is certain that in future, knowledge is the key to success. Our biggest challenge will be to deliver knowledge for developing core competency, fortified by communication and problem solving skills.

KSRMCE is on its relentless journey for the past 37 years surmounting hurdles of indigenous and exotic nature on its way and has passed through the tests of accreditation towards the status of excellence.

Message from the Desk of Principal

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



I am very happy to meet you through this page

"A desire can change nothing, a decision can change something but a determination can change everything".

Technology has got profound effect on the world and engineering plays an important role in all aspects of technological development. An engineer has to solve problems in their domain areas with strong innovative ideas with scientific knowledge. Your commitment to become an engineer by devoting four year academic journey in K.S.R.M. College of Engineering will be fruitful and enjoyable in every aspect and the experience you gain from here and the moments you spend here will be cherished by you throughout your life.

2

STUDENTS PAPER PRESENTATION IN TECHNICAL SYMPOSIUMS / CONFERENCES

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STUDENT NAME	DEPT.	PAPER TITLE	NAME OF THE SYMPOSIUM	VENUE & DATES
M.Satish Kumar Reddy P.Maheswar Reddy	EEE	Digital India (Won 3 rd Prize)	GNOSOS-2K16	NBKRIST., Vidyanagar 20-02-2016
K.Pranay	EEE	Smart Cities	GNOSOS-2K16	NBKRIST., Vidyanagar
M.Pavan S.Sahithi Reddy	EEE	Smart Grid	E-SAHATVA 2K16	20-02-2016 JNTUACE, Kalikiri
G.Venkateswari		Smart Sma	2 3/11/11 7/12/13	19-02-2016 to 02-03-2016
B.Datha priya Sri Lakshmi	EEE	Renewable Resources	E-SAHATVA 2K16	JNTUACE, Kalikiri
R.Latha				19-02-2016 to 02-03-2016
L.Madhulika	EEE	Wireless Power Transmission	GNOSOS-2K16	NBKRIST., Vidyanagar 24-09-2016
		(Won 1 st Prize)		
L.Madhulika K.Pranay	EEE	Organic Farming	ETE2016	RGMIT, Nandyal 03-10-2016
K.Ganga Sireesha K.Revathi	EEE	Solar Power Conversion Technologies & Energy Storage Systems	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
G.Ayesha S.Chaitanya	EEE	Wireless Electricity	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
S.Mubarak Basha	ME	Frictionless Compressor	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
T.Sak Kamal B.S.Gayathri	ME	(Won 2 nd Prize) Self Healing Materials	MOHANMANTRA	07-10-2016 SVNEC, A.Rangampet, Tirupati
K.Rajeswar Reddy		_		07-10-2016
M.Chenna Krishna Reddy K.Naresh Reddy	ME	Antimatter	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
K.Omprakash Reddy	ME	Flying Wind Mills	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
D.Dhathatreya Reddy	ME	Automobile Proto Typing	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
C.G.Keerthi	ME	Automobile Prototyping	DYNAMICS2016	JNTUA, Anantapuramu
S.Mubarak Basua	ME		M Explore 2016	SVU, Tirupati
K.Saranya	ECE	Wireless Charging	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati 07-10-2016
C.Swathi	ECE	Advanced Materials	PHOTON'16	MITS, Madanapalle
C.Swathi K.Saranya	ECE	Simple Mobile Detector	Mini Project	KSRMCE, Kadapa
K.Chandra Kala A.Preethi	ECE	Aqua Communication		Global College of Engg.,Kadapa
A.Sreeja C.Vimala	ECE	Gate Diffusion Logic	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
A.Sreeja C.Vimala	ECE	Mobile Communication Using Smart Antennas		Global College of Engg., Kadapa
D.Sivalatha	ECE	Gate Diffusion Logic		Global College of Engg., Kadapa
D.Sivalatha A.Preethi	ECE	Design of High Speed and Low Power 64 bit- ETA	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
G.Divya Sri J.Lakshmi Chaitanya	ECE	Mobile Communication Using Smart Antennas	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
J.Lakshmi Chaitanya G.Divya Sri	ECE	Design of High Speed and Low Power 64-bit ETA		Global College of Engg., Kadapa
G.Divya Sri	ECE	Vanity Fair		KSRMCE, Kadapa
J.Chandana	ECE	Sixth Sense Technology		Global College of Engg., Kadapa
C.Shanmugam Naidu	ECE	Wireless Mobile Charging		Global College of Engg., Kadapa
S.Fayaz Ahammed S.Sadak	ECE	Road Light Gateway	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati
S.Fayaz Ahammed K.Anudeep	ECE	Mobile Train Radio Communication	ETE2016	RGMIT, Nandyal
S.Fayaz Ahammed	ECE	Wireless Communication	ETE206	RGMIT., Nandyal
K.Ramesh	ECE	LTE Networks		SVU, Tirupati
K.Ramesh	ECE	Wireless Communication		GPREC, Kurnool
K.Anudeep	ECE	Semiconductors	PHOTON'16	MITS, Madanapalli
K.Anudeep	ECE	Wireless Broadband		Malla Reddy Inst. of Technology,Hyderabad
K.Anudeep	ECE	Design and Implementation of Error Tolerant Adder	MOHANMANTRA	SVNEC, A.Rangampet, Tirupati

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Indium (III) and Iron (II)", JCPR, September 2016, (iii)"Simultaneous 0975-7384, Derivative Spectrophotometric Determination of Chromium (VI) and Indium (III)", JCPR, 8(8), October 2016, Issue 10, (iv) "Simultaneous Derivative Spectrophotometric Determination of Chromium (VI) and Vanadium (V)", JCPR, September 2016, 8(8).

Dr. M. Swetha published papers(i) "Synthesis, Spectroscopic Characterization and DNA binding studies of Fe (II) Complexes", in EJBPS, April 2016, 3(4) (ii) "Synthesis and Characterization and Cyclic Volta metric studies on Transition metal complexes of 2,4dihydroxyacetophenone nicotinoylhydrazone",

WJPPS, May 2016, iii) "Non extractive Spectrophotometric Determination of Mo(VI) using 5-BrSAINH, in IJAPBC, June 2016, 5(1) (iv) "Synthesis of 2-hydroxy-3-Methoxybenzaldehyde-p-hydroxy

Benzoichydrazone (HMBAHBH) and its application for direct spectrophotometric determination of heavy metal Cadmium (II) in Environmental Samples", in EJBP, June 2016, 3(7).

Sri. N.Ravi Sankar Reddy presented papers (i) "Pattern use of Electronic Resources at KSRM College of Engineering (Autonomous), Kadapa, Andhra Pradesh: A Study at GITAM University", published article with ISBN:978-93-84502-44-7, (ii) "Impact of NPTEL in Kandula Group of Institutions Kadapa District, Andhra Pradesh: A Case Study", in IJMITE, Vol.6, Issue.11, November 2016.+

FACULTY PARTICIPATION IN CONFERENCES

Sri. K.Kalyan Kumar presented a paper entitled "PV Inverter with Voltage Source Control in CERTS Micro Grid", in National Conference on Recent Advancement in Power & Energy Systems conducted by Annamacharya Institute of Technology & Science, Rajampet, during 25th – 26th April 2016.

Dr.G.Hema Latha presented a paper entitled "Enhancement of Visual Evoked Potentials", in International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT) on 04-03-2016 and published in IEEE Xplore Digital Library with IEEE catalog 978-1-4673-9939-5/16/\$31.00 © 2016 IEEE.

Dr. V.Lokeswara Reddy presented a paper entitled "Improved secure data transfer using video steganography, in ICINC-2016, Sri Kashibai Navole College of Engineering, Pune 26th to 28th February

Dr. I. Sreevani, attended conference "104th Indian Science Congress", 3-7 January 2017, held in Sri Venkateswara University, Tirupati.

Sri.N.Ravi Sankar Reddy, Asst. Librarian presented papers (i) " Information Technology in Libraries", in National Conference on 23rd and 24th December 2016, organized by GITAM University, Visakhapatnam, (ii) "eCONTENT 2016: Library Services & Management - A Platform Approach", on 21st November 2016 at Hyderabad.

FACULTY PARTICIPATION IN WORKSHOPS

Dr. K.Amaresh attended (i) one day workshop on "Wind Energy Conversion System" conducted JNTUA, Anantapuramu on 20th April 2016 (ii) One day Orientation Program for Prospective PIAs of DDUGKY conducted by NIRD & PR, Hyderabad on 15 July 2016. Dr. N.Sreekanth attended 2-day workshop on "Hands on Training on ns-3 for next generation mobile networks", at Anna University, Chennai, on 19th & 20th

Dr. M.Venkata Narayana attended one day workshop on "Crafting powerful questions", on 16th July 2016 at JNTUA, Anantapuramu.

Sri. R.V.Sree Hari, Sri.S.Zahiruddin and Smt.K.Divya Lakshmi attended 2-day workshop on "MSP 430 & TIVA Micro Controller", during 23rd and 24th July 2016 at JNTUCE, Pulivendula.

Sri. V.Chandra Sekhar and Sri. Shaik Khaja Khijar attended a worksop on "Google Android Workshop" at VVIT, Guntur, during 07th & 11th November 2016.

Sri. N.J.Pramod Dhinakar attended a wokshop "Cashless Transactions" at Nagariuna University on 25th November 2016.

Smt. G.Radha attended a workshop on "Science Academics Lecture Workshop on Theoretical and Computational Fluid Dymaics (SALW-206)", 21st & 22nd March 2016 at Sri Venkateswara University, Tirupati.

Sri. K.Eswar Reddy attended two day workshop on "English Lnaguage and Literature - Shnchrony", sponsored by UGC, SERO, Hyderabad on 29th & 30th December 2016 at Department of English, Government College of Men (Autonomous), Kadapa.

ENDOWMENT PRIZES FOR MERITORIOUS

STUDENTS

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1. An Endowment prize in the name of Sri Late Sanivarapu Venkata Reddy vuraf Pedda Reddy is being awarded cash Rs.20,000/- by his younger brother of College Chairman Sri Sanivarapu Sankar Reddy to the students i.e. College toppers who secured highest marks from I B.Tech. to IV B.Tech., I B.Tech. to III B.Tech. and I B.Tech. & II B.Tech among all branches every year.

The below mentioned students are selected for the above cash prize for the year 2015-16.

Year	Name of the Student & Branch	%	Cash Prize (Rs.)
I to IV	G.Sunil Kumar Reddy,	81.27	10,000/-
B.Tech.	ECE		
I to III	M.Kumari Susmitha,	83.04	5,000/-
B.Tech.	ECE		
I to II	B.V.R.K.S.S.Sai,	87.18	5,000/-
B.Tech.	ME		

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 2015-16. Topper in I B.Tech.: P.Hema Latha, Roll No. 159Y1A04A7, 91.75% and Topper in Physics Subject: K.Praveen, Roll No.159Y1A0462 and V.Priyadarshini, 97 Marks.

ACADEMIC TOPPERS FOR THE YEAR 2015-16

COLLEGE TOPPER

G.Sunil Kumar

EEE4th Year 119Y1A0438

BRANCH WISE TOPPERS

IV B.TECH



129Y1A0164 81.28%



EEE 129Y1A0286 79.85%



ME 129Y1A0361 79.71%



ECE 129Y1A0438 81.64%



CSE 129Y1A0599 76.57%





139Y1A0145



P.Neha EEE 139Y1A0287



M.Rajeswar Reddy 139Y1A0376



M.Kumari Sushmitha ECE 139Y1A0469 81.69%



CSE 139Y1A0529 71.45%





6.Harini Reddy 149Y1A0147



B.Tulasi EEE 149Y1A0215



B.V.R.K.S.S.Sai 149Y1A0305



ECE 159Y5A0407



CSE 149Y1A0539





P.Hema Latha ECE

159Y1A04A7

91.75%



S.M.S.Ameer Basha CE 159Y1A01E4 88.43%



P.Venkata Siva Reddy CE 159Y1A1B6 88.37%



JNTUA AUTONOMOUS ENGINEERING COLLEGES SPORTS MEET

The 4th Inter Autonomous Engineering Colleges Games Tournament -2016-2017 (AATA2K16) organized for the Autonomous Engineering Colleges affiliated to JNTUA, Anantapuramu form 22nd December 2016 to 24th December 2016 in K.S.R.M.College of Engineering College, Kadapa. The Tournament was inaugurated by Sri.B.Joji Reddy, Secretary, Sports Council of JNTUA, Anantapuramu. Prof. K. S. N. Reddy, Director, Dr. V. S. S. Murthy, Principal, Sri. T. Narayana, Physical Director, Smt. K. Rajeswaramma, Smt. S. Padmavathamma, Management members, and Sri. M. Venkata Siva Reddy, Ex. MLC graced the function. The Physical Directors and the student teams from 11 Autonomous Engineering Colleges of JNTUA, JNTUCE, Pulivendula and JNTUCE, Anantapuramu, were attended the inaugural function. The students from the autonomous colleges were actively participated in the various sports events.

The particulars of the Winners and Runners of the institutions in various games are furnished hereunder. The prizes to the team winners were awarded by Sri. K. Sivananda Reddy, Correspondent, and Sri. K. Rajamohan Reddy, Management member.



Introducing with kabaddi players



Smt.K.Rajeswaramma Distributing Shuttle Trophy to the winners



Basket Ball match in progress

SL. No	Name of the Event	Winner	Runner
1.	Cricket	KSRMCE, Kadapa	NBKRIST., Vidyanagar
2.	Volley Ball (Men)	KSRMCE, Kadapa	SVCET, Chittoor
3.	Volleyball (Women)	GPREC, Kurnool	RGMCET, Nandyal
4.	Throw Ball (Women)	GPREC, Kurnool	RGMCET, Nandyal
5.	Tennikoit (Women)	GPREC, Kurnool	NBKRIST., Vidyanagar
6.	Shuttle (Men)	GPREC, Kurnool	KSRMCE, Kadapa
7.	Shuttle (Women)	GPREC, Kurnool	NBKRIST., Vidyanagar
8.	Chess (Men)	GPREC, Kurnool	KSRMCE, Kadapa
9.	Table Tennis (Men)	GPREC, Kurnool	NBKRIST, VIdyanagar
10.	Table Tennis (Women)	NBKRIST., Vidyanagar	GPREC, Kurnool
11.	Handball (Men)	NBKRIST.,Vidyanagar	KSRMCE, Kadapa
12.	Kabaddi (Men)	Adisankara, Gudur	GPREC, Kurnool
13.	Ball Badminton (Men)	Adisankara, Gudur	NBKRIST., Vidyanagar
14.	Basketball (Men)	SVNEC, Rangampet	RGMCET, Nandyal
15.	Basketball (Women)	RGMCET, Nandyal	SVCET, Chittoor

The following students were selected to the JNTUA University team in different games for the academic year 2016-17.

SL. No	Name of the Student	Class	Game
1.	P.Subhan	IV ME	Cricket
2.	Shaik Junaid	l Civil	Cricket
3.	Shaik Inthiyaz	II CSE	Hockey
4.	K.Gopi Krishna	I Civil	Soft Ball
5.	P.Ravi Teja	II Civil	Volley Ball
5.	P.Abdul Gafoor	II MBA	Volley Ball

RESEARCH CENTRES

JNTUA, Anantapuramu has accorded permission to our college for Recognition of Research Centre in the disciplines of CE, ECE, ME & CSE for full time Ph.D. Programme for three years, starting from the academic year 2016-2017 to 2018-2019.

BOOKS PUBLISHED BY FACULTY

Dr.B.Rama Bhupal Reddy Associate Professor & Head, Mathematics Department authored text books titled (i) "Elementary Engineering Mathematics, Research India Publications (DELHI), 2016, (ii) "Mathematical Statistics", Research India Publications (DELHI), 2016.

Dr.N.Sreekanth, Associate Professor in ECE authored a text book titled "PAPR REDUCTION TECHNIQUES IN MIMO OFDM SYSTEMS", published by Lambert Academic Publishing), April 2016.

Dr.K.Amaresh, Associate Professor in EEE, authored a text book titled "Distribution System Reliability Analysis using Distributed Generation", published by Lambert Academic Publishing, December 2016.

Ph.D. AWARDED

Sri.K.Amaresh, Associate Professor in EEE Department, was awarded Ph.D. in Electrical & Electronics Engineering, by J.N.T.U.A. University, Anantapuramu in the month of May 2016 for his thesis entitled "Certain Reliability Optimization Techniques using Radial Distribution System including Distributed Generation".

Smt. G.Hemalatha, Associate Professor in ECE Department, was awarded Ph.D. in Electronics and Communication Engineering, by Sri Venkateswara University, Tirupati in the month of October 2016 for her thesis entitled "Bio-Medical Signal Processing".







Dr G Hema Latha

Sri. N.Siddik published a paper entitled "Power Quality Improvement of PV Solar Form as STATCOM Night and Day using Fuzzy Logic Control", in IJMETMR, Vol.3, Issue.8, August 2016.

Sri. M.Lakshmi Narayana presented a paper entitled "A New Breed of Converter", in IJPRES, Vol.6, Issue.4, June 2016.

Sri. C.Harsha Vardhan Reddy published a paper entitled "Parasitic Boost Circuit for Transformer less Active Voltage Quality Regular using Fuzzy Logic", in IJPES, Vol.6, Issue.3, July 2016.

Miss. C .K. Lakshmi Prasanna presented a paper entitled "Performance Analysis of Electric Springs in Reducing the Power drawn from 21 Bus System during Uncertanities", in IJMETMR, Vol.3, Issue.8, August 2016

Prof. P.V.S.Murali Krishna Published a paper titled "Bilateral Filtering for Colour Images", in International Journal of Advanced Technology and Innovative Research, ISSN:2348-2370, October 2016.

Dr. G.Hemalatha published papers (i) "Detection of Artifacts in Visual Evoked Potentials", in IJIREEICE, vo.4, Issue.3, March 2016 (ii) "Salient Object Detection in Videos Based on SPATIO-Temporal Saliency Maps and Colour Features", IJMETMR, vol.3 (2016), Issue No.10 (iii) "Enhanced Decimal Matrix Code for Detection and Correction of Multiple Cell Upsets in SRAM", in IJATIR, Vol.08, Issue.18, October 2016.

Dr. M.Venkata Narayana published a paper entitled "Bispectrum Technique to Image Recovery", in International Journal of Industrial Electronics and Electrical Engineering", vol.4, Issue.11, November 2016.

Sri. S.Zahiruddin published a paper entitled "Low Complexity Tree Architecture for Finding the First Two Minima", in Journal Research in Electrical Electronics and Communication", , August 2016.

Sri. Md. Mahaboob Pasha published a paper entitled "Performance Evaluation of Compressed Sensing Recovery Algorithms for Non-Stationary Signals", in Journal Research in Electrical, Electronics and Communication. November 2016.

Sri. K.Pavan Kumar published a paper entitled "Reversible Picture Data Hiding with Contrast Enhancement", in International Journal of VLSI Design and Communication Systems, Vol.4, Issue.08, August 2016.

Sri. M.Prabhakar published a paper entitled "A Probabilistic Approach for Colour Correction in Image Mosaicking Applications", in International Journal of VLSI System Design and Communication Systems, Vol.4, Issue.08, August 2016.

Dr. K.Rajagopal published a paper entitled "Design and material optimization of the piston by using PROE and ANSYS" in IJASTEMS in September 2016.

Sri. A.Harikrishna published a paper entitled "Design and analysis of a large transportable vacuum insulated cryogenic vessel", in IJASTEMS in July 2016.

Sri. J.Suresh Babu, published a paper entitled "Optimization of thermoset and thermoplastic gears by using asymmetric and symmetric tooth profile", in JJASTEMS in July 2016.

Sri. B.Subbarayudu, published a paper entitled "Design and Analysis of Escalator Frame", in IJASTEMS in September 2016.

Sri. S.Vijay Kumar, published a paper entitled "Design and study of different parameters of a submarine random by using ANSYS", in IJASTEMS in September 2016.

Dr. M.Sreenivasulu, published a paper entitled "A novel approach for tweet summarization through timeline generation", in International Journal of Computer Science, Mathematics & Engineering (IJCSME), Vol.3, Issue.6, pp:43-46.

Dr. V.Lokeswara Reddy, published papers titled (i) "An Efficient Scalable Graph Based Raning Model for Constant based Image Retrieval", in Journal of Computer Science & Applications, USA, Vol.4, No.3,

(ii) "Image Steganography Method to improve the Stego Image quality and security using Reversible Texture Synthesis", in International Journal of Computer Applications, USA, Vol.147, No.14, pp:9-11.

Sri. K.Srinivasa Rao, published papers titled "A survey report on extracting frequent patterns using FP growth algorithm & apriori algorithm", in IJWDWD, Vol.1, Issue.2, August 2016. (ii) "A new approach for inferring Uxi interest for user search goals with web log sessions", in IJWDWD, Vol.1, Issue.2, August 2016 (iii) "Enhanced protection for personalized Web Search", in IJWDWD, Vol.1, Issue.2, August 2016. (iv) "Short period algorithm for extracting users interests", in IJCSEST, Vol.1, Issue.3, June 2016. (v) "Identifying query groups and maintaining user search histories", in IJCSEST, Vol.1, Issue.3, June 2016 (vi) "A study on identifying and removing sensitive attributes in Data Mining", in IJCSEST, Vol.1, Issue.2, March 2016.

Sri. G.Nagendra Babu, published papers titled (i) "Improved Malicious data injection resilient hierarchical data aggregation in WSSNs", in IJCSTET, ISSN:2277-4408, Issue.6, Vol.2, July 2016 (ii) "Dynamic routing to preserve data integrity in WSNs, in IJCSEST, ISSN No.6201-3454, August 2016.

Sri. B.Peda Narayana published a paper entitled "Two layer epidemic model for malware propagation from network to network", in IJCSEST ISSN No.6201-3454, August 2016 (ii) "Multiparty privacy policy controlling on photo sharing in online social networks", in IJCSEST, ISSN No.6201-3454, September, 2016.

Dr. B.Rama Bhupal Reddy published a paper entitled "Solar Tracking using Micro Controller", in IOSR Journal of Electronics and Communication Engineering (IOSR-JECE, vol.11, issue.3, Ver.III(May-June 2016), (ii) "A Longest Path within a Short Period" to Reach Using Optimization Techniques,", Vol.7(9), 477-481, September 2016 (iii) "Design of Movie Theatre by STADD Pro Analysis and LSM — A Study", in IOSRJM, Vol.12, Issue.6, Ver.I (November — December 206), pp 09-27 (iv) "Public Auditing Architecture Allows the Detector to Verify the Truthfulness by using Homomorphic Linear Autenticator", in IJSETR, Vol.5, Issue.46, November 2016.

Dr. B.Rama Bhupal Reddy and Sri.G.Sredhar Published a paper entitled "A Study on Fuzzy Transportation Problems under Approximation Methods", in JCMS, Vol.7(9), 459-468, September 2016.

Dr. N.Sulochana presented papers (i) "Properties of Completely Regular Semirings", in SEABM (2016), 40:933-930 (ii) "Structure of Some Idempotent Semirings", in JCMS, Vol.7(5), May 2016 (iii) "A Study on the Class Semirings", in IJMRET, vol.1, issue.2, July 2016, (iv) " A Note on Left Regular Semirings", in IJERA, vol.6, issue.8 (part-4), August 2016, pp 08-10. (v) " Structure of Multiplicatively Sub Idempotent Semirings", in International JRJES, vol.5, issue.8, August 2016 (vi) "On the Structures of Regular Semirings", in WJERT, 2016, vol.2, issue.5, (vii) "A Stuy on the Classes of Semirings and Ordered Semirings", in Advances in Algebra, ISSN:0973-6964, vol.9, no.1 (2016) (viii) "Classes of K-Regular Semirings", in IOSR-JM, vol.12, issue.5, ver.1 (September -November 2016) (ix) "A Simple Study on the Structures of Zeroid and ordered semirings", in IJAES, Vol.1, Issue.4.

Dr. I.Sreevani and Dr. M. Swetha published papers titled (i) "Non-extractive Spectrophotometric Determination of Cu(II) using 2-Hydroxy-3-Methody Benzaldehyde Thiosemicarbazone (HMBATSC)", IOSR JAC, 9(9), September 2016 (ii) "Simultaneous Derivative Spectrophotometric Determination of

FACULTY RECRUITED

The following staff members have been recruited during the period from 01-01-2016 to 31-12-2016.

Faculty Name	Designation	Dept.
Sri.J.Balaji	Asst. Professor	EEE
Sri.Y.Narasimha Reddy	Asst. Professor	EEE
Sri.G.Jagan Mohan	Asst. Professor	EEE
Smt.S.P.Sathyavathi	Asst. Professor	EEE
Sri.A.Ramaswamy	Asst. Professor	EEE
Reddy		
Smt.B.Veera Mounika	Asst. Professor	CE
Miss.V.Sindhuri	Asst. Professor	CE
Smt.P.Bhargavi	Asst. Professor	ECE
Miss.C.Blessy	Asst. Professor	ECE
Sri.T.V.Chalapathi	Asst. Professor	ECE
Sri.Y.Nagarjuna Reddy	Asst. Professor	ME
Smt.P.Meramma	Asst. Professor	ME
Sri.V.A.Dheeraj	Asst. Professor	ME
Sri.P.Sivaseshu	Asst. Professor	ME
Miss.C.Fakrunnisha	Asst. Professor	ME
Sri.N.J.Pramod	Asst. Professor	CSE
Dhinakar		
Dr.R.Rushula Devi	Asst. Professor	Humanities
Miss.M.Vijaya Lakshmi	Asst. Professor	Humanities

STAFF RETIRED

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

Name of the Staff	Designation	Date of Retirement
Sri.M.Somanna	G-III Technician	29-02-2016
Sri.S.Jamalvalli	Attender, Office	29-02-2016
Sri.S.Rajendra	Driver	31-07-2016
Sri.Y.Gangi Reddy	Driver	31-07-2016
Sri.S.V.Krishna Rao	G-I Technician	31-08-2016
Sri.P.V.Naraiah	G-I Technician	31-12-2016





Sri.Y.Gangi Reddy





Sri.S.V.KrishnaRao



Sri.S.Rajendra

Sri.P.V.Naraiah

JIL JIL JIGA

ETV management organized an entertainment programme in our college as a part and Parcel of Jil Jil Jiga. The main motto for conducting this event is to extract the talents of the students from various angles. This event organized for 5 days in our college during 06-12-2016 to 10-12-2016. The students from all the departments participated in the event is very actively. The organizers distributed prizes to the winners of the events.

FACULTY PUBLICATIONS IN JOURNALS

Prof. A. Mohan published a paper entitled "An Experimental Study on Strength Characteristics of Expansive Soil treated with Mill Scale" in Journal of Remote Sensing, GIS & Geotechnical Engineering, Issue. 1, Vol. 2, December 2016.

Dr. G. Sreenivasa Reddy published a paper entitled "A Study on Strength of Clay Soils Treated with Lime Columns" in International Journal of Science and

Sri. V. Giridhar Published a paper entitled "Exposure Effect of HCl on Strength Properties of Ceramic Waste aggregate concrete", in IJCTER, Vol-2. Issue.4, April

Sri V. Ramesh Babu Asst Professor published papers titled (i) "Stabilization of Blok Cotton Soil with sand and Cement as a sub grade pavement", in IJCIET, Volume 8, Issue 2, March- April-2016 (ii) "An experimental study on effect of reinforcement in polymer and fiber forms on CBR Value", in IJCIET, Valume7-Issue 2, March- April 2016 (iii) "A study on sub grade characterizes of Block Cotton Soil treated with lime and phosphogypsum", in IJCIET-Volume 3, Issue 12, and DEC 2016.

Sri. P.Suresh Praveen Kumar published a paper entitled "A Study on Renolith Mixed Black Cotton Soil for Subgrade" in JRSGISGE, Issue. 3, Vol. 1, December

Miss. S. Sandhya Rani and Sri.P. Suresh Praveen Kumar presented a paper entitled "A Study on Behaviour of Stone Column in Layered Soil" in JMME, Issue. 3, Vol. 1, December 2016.

Smt. C.N.Arpitha published papers titled (i) "Modular Multilevel Converter Topology for Fault Blocking Capacity Improvement in HVDC Transmission System", in IJSETR, Vol.5, Issue.18, July 2016, (ii) "HVDC converters Protection against DC side Faults with Current Suppression Capability", in IJSETR, Vol.5, Issue.18, July 2016.

Sri. M.Bhaskar Reddy published papers (i) "Mitigation of Power Fluctuation by Individual Pitch Control of Variable Speed Wind Generating System with DFIG", in IJSETR, Vol.5, Issue.18. July 2016 (ii) "Maximum Power Extraction from Wind Turbine with Permanent Synchronous Generator using MPPT Control Scheme", in IJSETR, Vol.5, Issue.20, August 2016.

Dr. K.Amaresh published papers (i) "ANN Control based Micro Grid Frequency & Voltage Deviation Reduction with Attached Storage System", in AJREAS, Vol.1, Issue.7, July 2016 (ii) "Modeling of Unbalanced Radial Distribution System", in AJREAS", Vol.1, Issue.7, July 2016.

Smt. S.Saleha Tabassum published papers titled (i) "Performance of DC/AC/DC system to interconnect HVDC System", in IJSETR, Vol.5, Issue.18, July 2016 (ii)

"Efficient Power Transfer Capability of the Inductive Power Transfer System using Frequency Breaking Method", in IJSETR, Vol.5, Issue.18. July 2016.

Sri. K.Kalyan Kumar published a paper entitled "Two Level Inverter based STATCOM for High Power Applications with PQ Converter", INMETMR, Vol.3, Issue.7, July 2016.

Sri. P.Durga Prasad published a paper entitled "Three Phase Grid Connected Hybrid Generating System with Robust Non-Linear Controller", in IJSETR, Vol.5, Issue.18, July 2016.

Sri. T.Kishore Kumar published a paper entitled "Residential Distribution System Harmonic Compensation using PV Interfacing Inverter", in IJSETR, Vol.5, Issue.18, July 2016.

ORIENTATION PROGRAMME

Orientation programme for 1st B.Tech. students was conducted on 11-07-2016. Sri. S.Sankara Reddy, Chairman, Sri.K.Sivananda Reddy, Correspondent, Prof. K.S.N.Reddy, Director, Dr.V.S.S.Murthy, Principal, KSRMCE, graced the occasion. The first B.Tech. students, their parents, and Head of the Departments attended the meeting.



Sri.S.Sankara Reddy, Chairman, addressing the gathering in orientation programme



I B.Tech. Students & Parents in orientation programme

GUEST LECTURES ARRANGED

Guest lecturers can provide profound knowledge for overall development of the students. The following is the list of guest lecturers arranged in some of the departments.

Topic	Date &
	Students
	Attended
Convergence of	27-12-16,
engineering	IV B.Tech.
technologies	ME
Practical	28-12-16,
Applications of	IV B.Tech.
Finite Element	ME
Analysis	
Recent Trends in	20-09-16,
Signal Processing	ECE
	Convergence of engineering technologies Practical Applications of Finite Element Analysis Recent Trends in



Dr.T.Kishore Kumar, NIT, Warangal, delivering the lecture

Dr.K.Amaresh delivered a Technical Talk on "Skill Development for Young Engineers to Reform Core Sector: Vision 2025", at Institution of Engineers (India), Local Centre, Kadapa on behalf of 49th Engineers Day Celebrations held on 15th September

TRAINING AND PLACEMENT CELL

On campus recruitment drives were conducted in the college campus. The following is the list of companies visited for selection of students from the eligible branches.

Company	Eligibility branches	Date
Data Logics	ECE, CSE & EEE	29-12-2016
Windcare	CE, ME & EEE	14-12-2016
Vector Works	CE	29-12-2016
Tulasi Technologies	CSE	24-01-2017

Some more companies have given their consent and dates for conducting campus recruitment drives. Few of them are: M/s. BIZTIME IT SOLUTIONS PVT LTD, Bangalore, M/S. EFFTRONICS INDIA LTD, Vijayawada, M/s. VISIONET SYSTEMS INC, Bangalore, M/s. SHARDA MOTOR INDUSTRIES LIMITED, Hyderabad, M/s. ZOOMCAR INDIA PVT LTD, Hyderabad, etc.

The Training and placement cell has arranged guest lectures and workshops for the benefit of students. Few of them are tabulated below.

Name of Programme	Industry / Speaker	Date	Branches
Awarenessprorgramme GATE & PUC	BEL, Bangalore	13-01-17	ECE & EEE
SDLC	Kube Technologies, Hyderabad	05-01-17	III CSE & ECE
Workshop on Data Structures, C, C++	S.Sreenivasulu, Richman & Freeland, Hyderabad	28-07-16	IV EEE, ECE & CSE
Workshop on Java	S.Sreenivasulu, Richman & Freeland, Hyderabad	24-09-16	IV CSE

One day Faculty Development Programme on "The Importance of life skills", was conducted in auditorium for faculty members on 21st November 2016. The resource person for this programme is Mr. C.S Valmiki.



Sri.C.S.Valmiki delivering lecture in FDP

Training & Placement Cell has conducted AMCAT (Aspiring Minds Computer Adaptive Test) for the final year B.Tech Students on 25.10.2016.

Our college has MOU with Career conduit Management Solutions Pvt Ltd and Tapasya Infotel for proving campus recruitment training to the students. Career conduit Management Solutions Pvt Ltd had given training around 700 students of IV B.Tech 2017 passing out batch. While, Tapasya Infotel had given training around 1200 students of III B.Tech & II B.Tech in the year 2016.

APSSDC

The Andhra Pradesh Government has taken an initiation to develop the skills among the UG / PG students by providing continuous training (Inhouse) and also faculty development programmes for faculty. For this, the AP state Government has established a separate venture i.e. APSSDC (Andhra Pradesh State Skill Development Corporation).

Our College is also associated with APSSDC from the academic year 2016-17. Currently, more than 350 students from different engineering departments have registered with APSSDC for various training programmes. The APSSDC conducting various online courses to II & III B.Tech. students.

N.S.S. ACTIVITIES

1. Tree Plantation Drive was conducted in and around the college campus on 28.07.2016.



Saplings of plants by NSS volunteers

2. A road safety awareness program was conducted on N.S.S day i,e 24.09.2016. An essay writing competition on the theme "role of youth in nation building "was also conducted and prizes were distributed to the winners of the competition.



Sri.K.Sivananda Reddy Garu with NSS volunteers during the clean and green program

A blood donation camp was organized in the college campus on 18.10.2016 in association with Boga parvathamma blood bank - kadapa,in the memory of Late sri Kandula Srinivasa Reddy ,in which 65 number of students voluntarily donated their blood.

A blood donation camp was organized along with Nehru park walkers association at Nehru park on 13.11.2016,in which 50 number of students voluntarily donated their blood. Sri. K.V.Satya Narayana, District Collector, inaugurated the blood donation camp.



Students volunteers donating blood at blood donation camp at Nehru Park

BEST ENGINEER AWARD

Sri V.Ramesh BabuAsst Professor CE Dept., received Best Engineer Award from Sri. K.V.Satyanarayana Collector & District Magistrate Kadapaduring 49h Enginees Day Celebrationsheld on 15 September 2016 at IEI, Kadapa



Sri.V.Ramesh Babu receiving Best Engineer Award from Sri.K.V.Satya Narayana, District Collector, Kadapa

WORKSHOPS ORGANIZED

Department of ECE organized (i) two day National level workshop on "Internet of Things", on 25th and th March, 2016. Sri M. Surendranath Reddy, Quantel Software solutions, Hyderabad, was the resource person, (ii) two day workshop on "Android App Development", on 22nd and 23rd October, 2016. Sri man Narayana, Technical Lead, Samsung Su Electronics, Bangalore was the resource person. The B.Tech. ECE students participated in these two workshops.

EDUCATIONAL TOURS

Education tours are very important for the overall development of a student. It gives them an opportunity to learn from their own experiences and from the experience of others. The students from different branches visited nearby industries / places. The details are tabulated below:

Class / Section	Industry Visited	Month & Year
IV EEE A/S, B/S	Sri Sailam Hydal	September
& C/S	Power Project, Srisailam	2016
III EEE C/S	Suzlon Wind Mills,	December
	Gandikota	2016
IV ME	Zuari Cements,	September
	Sri Sailam Hydal Power Project	2016
III ECE B/S & C/S	SDSC, Shar	April 2016
III ECE A/S	NARL, Gdanki	April 2016
IV ECE C/S	NARL, Gdanki	October 2016
III ECE B/S	SDSC, Shar	December 2016

ALUMNI ASSOCIATION

KSRMCE Alumni Association has arranged guest lectures for benefit of students. The details are:

1."CONVERGENCE OF ENGINEERING DISCIPLINE" by Sri S. Hari Nagendra Prasad, ALKOSENS, SWEDON on 27.12.16 for Final B.Tech ECE students.



Sri.S.Hari Nagendra Prasad, delivering the guest lecture

2. "Carrier Orientation" by M.V. Hareesh, K.Siyananda Reddy and A. Raj Kumar, Alumni of 2014 batch on 07.01.2017, for III B.Tech ECE students.

ENTREPRENEUR DEVELOPMENT CELL

The Entrepreneur Development Cell organized the following programs during the year 2016-17 and also arranged visits to the nearest industries for the benefit of students.

Entrepreneur Awareness Camp-1 was conducted for III ME & III Civil students during 25th - 27th February 2016. The resource Persons for this programme are Sri.Chandra Sekhar, Industrial Promotion Officer, Kamalapuram, Kadapa, Sri. C. Ramakrishna Reddy,

Project Coordinator, APITCO., Kadapa, Sri.Amrunaik, SFC, Kadapa, Dr.G.Krishna Mohan, Principal, K.S.R.M. College of Management Studies, Sri. Varaprasad, JKC, Government Arts College, Kadapa.



Students were listening to lecture in Entrepreneur Awareness Camp

Entrepreneur Awareness Camp-2 was conducted for III EEEE & III ECEI students during 31st March – 1st April 2016. The resource Persons for this programme are Smt.Sujana, Industrial Promotion Officer, Jamallamadugu, Kadapa, Sri.C.Ramakrishna Reddy, Project Coordinator, APITCO., Kadapa, Sri.Amrunaik, SFC, Kadapa, Dr.G.Krishna Mohan, Principal, K.S.R.M. College of Management Studies, Sri. Varaprasad, JKC, Government Arts College, Kadapa, Dr.A.Harinatha Reddy, Asst. Professor in MBA, K.L.M.College of Engineering for Women, Kadapa.



Industrial visit by students

INNOVATION CENTRE

Arranged a talk on "Understanding Innovation" by Prof. A. Mohan on 29th Nov, 2016. Faculty members from all departments attended the talk.

A training program on "Front-End Web Technologies" is conducted during 28th Nov to 21st Dec, 2016. Topics Covered are: HTM, Java Script, J Query, CSS and Angular JS. Sixty students from all branches attended the training program. The Coordinators are Prof. A. Mohan and Mr. K. Anil.

1. On group projects:

Final year Civil Engineering students are working on a project to Design and Fabricate Soil Moisture Sensor.

Proiect TAMARIND: A technology demonstration project. This project involve design and fabrication of a cluster computer suing Raspberry Pi.

Project EXAM: A software project to implement the processor for Examination Section of the college.

AWARESNESS ON CASHLESS TRANSACTIONS

The Ministry of Human Resource Development, Government of India has launched "VITTYA SAKSHARATA ABHIYAN (VISAKA)" a campaign for promoting a digital economy through Youth volunteers from the High Educational Institutions of the country from 12th Dec 2016 to 12th Jan 2017. The student volunteers along with faculty members were participated in the campaign for cashless transactions at different villages like C.K.Dinne (Mandal) and Krishnapuram (village) and created awareness to shop holders and public on usage of on line transactions

The faculty members Sri. S. Khaja Khizar, Sri. N.J. Pramod Dinakar, and Sri. M. Prabhakar has participated along with the students and they clarifies the doubts of village peoples on cashless transactions.



Awareness on cash less transactions at C.K.Dinne Mandal

DEVELOPMENT OF KSRMCE app

Mr.K. Bharath Kumar Reddy bearing roll No.139Y1A0533, IV B.Tech. CSE student developed android app "KSRM notice board" and later with minor changes released a new app "KSRMCE", for the benefit of students. The circulars which are to be sent to class rooms and also to display in department or college main notice boards will be posted in app. The students can view the circulars or can download the circulars from app. The app has already been deployed and the students are using the app for knowing the latest circulars.

KSRMCE STUDENTS CLUB

An initiation to extracurricular activities in the form of KSRM Students club took place with the help of all the students. Every Saturday, the club organizes events, activities and workshops for the integral development of the students.



A project model execution

The following is list of events / activities conducted by the student club during from 01-01-2016 to 31-12-2016.

S.No.	Event Date	Event Name
1.	06-02-16	1.C Language Workshop
		2.Awareness & Competition on
		Group Discussion 3.Sell if you can (Fun event)
2.	13-02-16	Vanity Fair
3.	20-02-16	Aptitude & Reasoning Test
<u> </u>	27-02-16	Mock Interview
5.	05-03-16	Awareness on Project Management
6.	16-07-16	1.Awareness on core software of
		Individual branches
		2.Classes on Microsoft Office
7.	23-07-16	1.Personality Assessment Test
		2.Aptitude and Reasoning Test
8.	06-08-16	1.GATE Exam
		2.Awareness on Communication and Soft Skills
9.	13-08-16	1.Essay Writing 2.Electution
		3.Debate
10.	20-08-16	1.Lecture on Communication and
		Soft Skills
		2.Career Guidance Programme
11.	15-09-16	Engineer's Day
		1.Model Presentation
		2.Competition on C-Programming Language
12.	24-09-16	Awareness Program on GATE
13.	31-12-16	RECALL
	51 12 10	1.Mad arts 2.50 ka funda
		3.Logo context 4.Treasure Hunt
		5. Tip to type
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