



# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi, Recognized by A.P. State Government and Accredited by NAAC)

NBA Accreditation : B.Tech - CSE for 5 Years, EEE, ME, ECE & IT for 2 Years (Provisionally)

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**Dr. G. V. S. N. R. V. Prasad**, M.Tech, MS, Ph.D.,  
Professor of Computer Science Engineering &  
Dean Academic Affairs

REF: GEC/IQAC/2015/

02<sup>nd</sup> November 2015

To

**The IQAC Committee,**  
Gudlavalleru Engineering College,  
Seshadri Rao Knowledge Village,  
Gudlavalleru.

Respected Sir,

The **Fourth Meeting of the Internal Quality Assurance Cell** of Gudlavalleru Engineering College (Autonomous) will be held on **13-11-2015, Friday at 10-45 AM** in the Management Conference Hall of the college. You are requested to make it convenient to attend the meeting.

## AGENDA

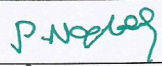

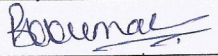
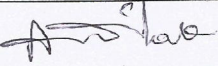
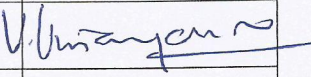

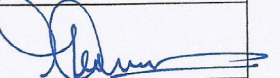
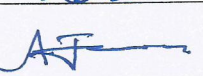
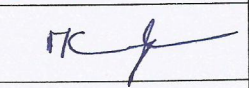
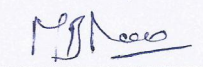
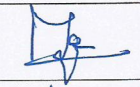
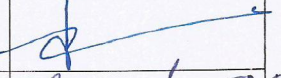
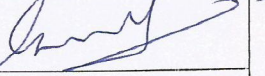
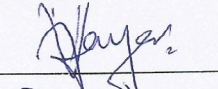
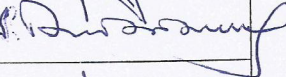

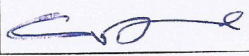
- 1) To review the various academic activities of the departments and institute since last meeting.
- 2) To discuss the methodologies to be adopted for improving the technical, programming and communication skills of the students.
- 3) Any other matter with the permission of the chair.

  
(Dr. G V S N R V PRASAD)  
Coordinator



**The Fourth Internal Quality Assurance Cell Meeting of Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru is held today i.e. 13-11-2015 (Friday) at 10-45 AM in the Conference Hall of the Management's Office of the college under the Chairmanship of Dr. P. Nageswara Reddy.**

**MEMBERS PRESENT:**

Sl. No.	Name of the Person and Details		IQAC Committee	Signature
1	Dr. P. Nageswara Reddy	Principal	Chairman	
2	Dr. P. Ravindra Babu	Vice Principal, Dean Students Affairs	Member	
3	Prof. B. Karuna Kumar	Dean Planning and Monitoring	Member	
4	Dr. A.V.N. Tilak	Dean PG Studies, R&D and Consultancy	Member	
5	Sri V. Vinayaka Rao	Office Superintendent	Member	
6	Dr. P. Kodanda Rama Rao	Professor & Head Department of CE	Member	
7	Dr. M. Siva Kumar	Professor & Head Department of EEE	Member	
8	Dr. A. Jawahar Babu	Professor & Head Department of ME	Member	
9	Dr. M. Kamaraju	Professor & Head Department of ECE	Member	
10	Dr. M. Babu Rao	Professor & Head Department of CSE	Member	
11	Dr. M. V. L. N. Raja Rao	Professor & Head Department of IT	Member	
12	Dr. Ch. Nirmal Chand	Professor & Head Department of MBA	Member	
13	Dr. G.S. Bhaskara Rao	Professor & Head Department of BS&H	Member	
14	Dr. M. Vijaya Lakshmi	Associate Professor & Head Dept. of English	Member	
15	Dr. S.R.K. Reddy	Professor of CE (Management Representative)	Member	
16	Dr. Yerneni Venkateswara Rao	Former Principal, ANR College, Gudivada (Member from Local Society)	Member	
17	Ms. Chitta Bala Saranya	Student Representative	Member	Could not attend
18	Sri Vallurupalli Venkata Kiran	Alumni Representative	Member	Could not attend
19	Sri K.R.S.R. Krishna	Vice President, Petrofac Engg. Services, Chennai (Employer)	Member	Could not attend
20	Sri Rajeev Konduri	CEO, VR Cyber Securities, Hyderabad (Industrialist)	Member	Could not attend
21	Sri T. Seshadri Rao	Assistant Engineer, Doordarshan, Vijayawada (Member from Stakeholders)	Member	Could not attend
22	Dr. G. V. S. N. R.V. Prasad	Dean Academic Affairs	Coordinator	



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**Minutes of the Forth Meeting of the Internal Quality Assurance Cell held on 13-11-2015, Friday at 10-45 AM in the Management Conference Hall.**

## **4.01 To review the various academic activities of the departments and institute since last meeting.**

The Principal has presented a report on various academic activities taken up during the current academic year and the achievement of the students in co-curricular & extra-curricular activities, placements provided, industrial visits arranged, faculty development programs conducted, faculty publications, etc. The details are given in Annexure – I (See page No. 2)

The Principal has suggested the Heads of the Departments to conduct some more training programs for students and faculty development programs and utilize the funds allotted before 31<sup>st</sup> March 2016. He also suggested utilizing the budget allotted under in-house R&D projects.

## **4.02 To discuss the methodologies to be adopted for improving the technical, programming and communication skills of the students.**

The various methodologies to be adopted for improving the technical, programming and communication skills are discussed. The following methodologies are recommended to adopt from the 2<sup>nd</sup> year onwards for all classes of B.Tech:

- Reviewing the fundamental concepts and applications of some of the prominent engineering subjects which are likely stressed in interviews and has more weightage in competitive examinations two periods in a week.
- Conducting special classes and training sessions on Programming Skills by industry experts on Saturdays and internal faculty during week days.
- Arranging training on Communication Skills two periods in a week by internal and external faculty.
- Conducting pre-placement training classes four periods per week by internal and external trainers.

## **4.03 Any other matter with the permission of the chair.**

- i. It is recommended to depute the members of IQAC to premier institutes like NITs, IITs, etc. in groups to go through the various quality initiatives / measures undertaken and implement the same in the college after discussion and approval.

*P. Nageswara Rao*

## Annexure – I

### 1. Workshops / Seminars / Guest Lectures / Training programs organized for faculty:

Dept	workshop/ seminar/ guest lecture/ training program	Title	Duration	Funding organization	Name , designation and organization of Resource person(s)	No. of Faculty Participated	
						Internal	External
CE	Seminar	Recent Developments In Retrofitting, Repairs and Rehabilitation of Structures	11– 12 July, 2015	Institution of Engineers (India) local Center, Vijayawada	Dr. K. Ramanjaneyulu, Director, SERC, Chennai; Dr. K. V. G. D. Balaji, Professor, Civil Engineering Department, GITAM university, Visakhapatnam; Dr.M.Pandu Ranga Rao, Retd. Professor, NIT, Warangal & Sri K.Madhu Kumar, Retd.AGM, NTPC, Chennai	33	35
ME	One Week Workshop	Training Program on ANSYS	22-27 June, 2015	Institute	Dr. C. Ravi Kumar Reddy, Professor of Civil Engineering, K L University, Guntur	67	12
					S. Vijay, Sr.Gr. Asst. Professor, Bapatla Engineering College, Bapatla		
					U.Sreenu, Senior Design engineer, CYIENT, Hyderabad		
	One Week Workshop	MATLAB Applications In Mechanical Engineering	7– 11 Sept. 2015	Institute	Dr. T. Srinivas, Professor, Co <sub>2</sub> Research & Green Technologies Centre, VIT University, Vellore	67	12
					Dr. M. Siva Kumar, Professor & Head, Dept. of EEE, GEC		
					Dr. L.R. Srinivas Professor of EEE, GEC, Gudlavalleru		
					Sri B. Mahesh Babu, Asst. Prof., of EEE, GEC, Gudlavalleru		
ECE	Guest Lecture	Detection and Estimation of SONAR Signal Processing	1 Aug. 2015	Gudlavalluru Engineering College	Dr. S. Koteswara Rao, Former Scientist, NSTL-DRDO, Visakhapatnam, RPAC Chairman, KLU, Vaddeswaram	40	

IT	Workshop	Ethical Hacking	6-7 Oct. 2015	Students Association of Information Technology	Mr. D. Sai Satish CEO of Indian Servers Hyderabad	22	
	Guest Lecture	Selenium using Python	4 Sept. 2015	GEC	Mr. M. Sampath Kumar, Sr.Q.A.Analyst, Cognizant Technology Solutions, Hyderabad	22	
ENG	Training Programme	Developing Writing Skills	1 Day	GEC	Dr P Ramanujam Director, ELT Center and Senior Professor of English,GEC	13	-
	Training Programme	Reading Skills	1 Day	GEC	Dr P Ramanujam Director,ELT Center and Senior Professor of English, GEC	13	-
	Training Programme	How to setup and Guide Projects	1 Day	GEC	Dr P Ramanujam Director, ELT Center and Senior Professor of English. GEC	13	-
MBA	FDP	Effective Class Management and the Role of Communication	8 – 9 Oct 2015	College	Prof. T.Umamaheswara Rao Registrar, K L University  Dr. M. C. Das, Professor and Management Consultant  P. Raj Kumar, Director, Campus Recruitment Training- Visvodaya Group.	24	14

**2. Workshop/seminar/ guest lecture/ training programme attended by faculty in external organizations :**

Sl. No.	Dept	Name of the faculty	Workshop/ Seminar/ Guest Lecture/ Training Program	Title	Duration	Venue
1	CE	Mr.G.Saikrishna	Seminar	Advances in Water Resources Engineering	26 Sept. 2015	R.V.R & J.C. College of Engg. and Indian Geotechnical Society, Guntur
2		Dr.P.Kodanda RamaRao	Workshop	Introduction to Structural Engineering	28 Sept. to 02 Oct 2015	Indian Institute of Technology, Kharagpur
3	EEE	Ch.Sujatha	Faculty Development Programme	Application of Optimization Techniques to Electrical Systems	7-12 Sept 2015	Sri Vishnu Engineering College For Women, Bhimavaram.

4		B.Dasu	Faculty Development Programme	Application of Optimization Techniques to Electrical Systems	7-12 Sept 2015	Sri Vishnu Engineering College For Women, Bhimavaram
5		B. Satish & K. Suresh	Workshop	Computer Aided Analysis of Power Converter	13 - 14 August 2015	Devineni Venkataramana & Dr.Himasekhar MIC College of Technology, Kanchikacherla
6		Mr. K.Ch. Kishor Kumar	Two day conference	National Conference on Condition Monitoring	26 September 2015	NS&TL DRDO, Visakhapatnam
7		Mr. R. Jithendra Kumar, Mr. J. Varun Kumar	One day workshop	Recent Trends in Mechanical Engineering	31 August 2015	Department of Mechanical Engineering, S.R.K.R. Engineering College, Bhimavaram
8	ME	Dr. A. Jawahar Babu	Two Day National Seminar	Smart Materials and Structures	28-29 August, 2015	Department of Mechanical Engineering, VR Siddhartha Engineering College, Kanuru, Vijayawada
9		Dr. P. Ravindra Babu	First Indian Engineering Dean's Council Global Summit	Engineering Education - Current Scenario & Future Prospects	31 July – 1 August 2015	GRT Grand – Convention Centre, Chennai, India
10		Mr. P. Tejomurthy, Mr. G. Karuna Kumar and Mr. M. Vamsi Krishna	Two day workshop	Recent Trends in Manufacturing Technology	30-31 July 2015	V. R. Siddhartha Engineering College Vijayawada
11		Dr.M.Kamaraju	Workshop	Real Time Signal & Image Processing using Xilinx Vivado and Zynq-7000 SOC	11-12 September 2015	SRK Institute of Technology, Vijayawada
12	ECE	Dr.V.V.K.D.V.Prasad	Workshop	Advanced Digital Signal Processing & Applications	12-13 September 2015	VR Siddhartha Engineering College, Vijayawada
13		Sri B.Raja Sekhar	Faculty Development Programme	Advanced Digital Signal Processing- Applications	12 -13 September 2015	VR Siddhartha Engineering College, Vij.

14		Mrs.T.Subhashini	Workshop	Real Time Signal & Image Processing using Xilinx Vivado and Zynq-7000 SOC	11-12 September 2015	SRK Institute of Technology, Vijayawada
15		Sri B.R.B.Jaswanth	Faculty Development Programme	Advanced Digital Signal Processing- Applications	12 -13 September 2015	VR Siddartha Engineering College, Vijayawada
16		Mrs. G. Bharathi, Mr. K. Bhaskar	Workshop	Big Data and Hadoop	31 July & 01 Aug 2015	VKR, VNB & AGK College of Engineering, Gudivada
17		Mr. G. Vijayadeep, Mr. K. Ashok Reddy	Workshop	Internet of Things	21- 22 Aug 2015	Vasavi College of Engineering, Hyderabad
18		Mr. M.L. Phaneendra, Mr. P. Avinash	Workshop	Database Design and Programming with SQL	17-27 Aug 2015	NIT, Warangal
19	CSE	Mr. K. Bhaskar, Mr. M.N Satish kumar	Seminar	High Performance Computing, Cloud & Big Data	08 Sept 2015	JNTUK, Kakinada
20		Ms. S. Vineela Krishna Ms. G. Hymavathi Ms. B. Asha Teja, Ms. V. Manya, Ms. Ch. Saranya	FDP	Effective Class Management and the Role of Communication	08-09 Oct 2015	Gudlavalleru Engineering College, Gudlavalleru
21		Mr. K. Bhaskar	Conference	Research Trends in Computer Science & Technology	09-10 Oct 2015	CMR college of engineering and Technology, Hyd
22		Sri Y. K. Viswanadham Sri M. Dileep Kumar	Workshop	Code Based Crypto Workshop	28-30 Sept 2015	University of Hyderabad
23		Mr.T.Ramanjaneyulu Mr. M. Vamsi Krishna	Workshop	Recent Trends in BIG DATA Analytics	28-29 August 2015	KL University Vaddeswaram
24		Mr.T.K.K.Praneeth Mr.I.Lakshmi Narayana	Workshop	Internet of Things (IoT)	21-22 August 2015	Vasavi College of Engg. Hyderabad
25	IT	Mr.P.S.S.Sreedhar Mr.I.Ananda Babu	Faculty development program	Database Management Systems	17-27 August 2015	NIT, Warangal
26		Smt.CH.Suguna Latha Mr.I.Ananda Babu	Workshop	Big Data & Hadoop	31 Aug – 1 July 2015	VKR, VNB & AGK College of Engg. Gudivada
27		Sri Y.K.Viswanadham	Seminar	University-Industrial Cooperation,	10 Sept. 2015	VRSEC, Vijayawada

				Creativity, Diversity and Entrepreneurship in Computer Science		
28	BS&H	R.Swetha	Presented a paper on International conference	“Chemical Reaction and Thermal Radiation Effects on Mhd Free Convective Flow Past An Accelerated Inclined plate Embedded In porous Medium with variable Temperature & Mass Diffusion.” “Mathematical Sciences (ICMS-2015)”	13-15 July 2015	Dept. Of Mathematics, Sri Venkateswara University, Tirupati,
29		Mr. S.Suresh	Two day national seminar	Emerging Techniques in Physics Teaching and Training	07-08 August 2015.	S.V.R.M. College, Nagaram, Guntur
30		Mr. S.Suresh	A National nodal centre conference	VALUE Virtual Labs	9 Sept. 2015	Amrita Vishwa Vidyapeetham University
31	MBA	Mr.M.Vinod	Workshop	Modern Teaching Tools	24 July 2015	IBS Business School
32		Mr.T.Hemanth Kumar	Workshop	Modern Teaching Tools	24 July 2015	IBS Business School
33		Ms.Masarat Jahan & Ms. Ch. Naga Ramya Kiran	Training Programme	Goal Setting	08 Aug 2015	CII, Vijayawada
34		Dr.Ch.Nirmal Chand	Guest Lecture	Winning Qualities of Highly Successful People	06 Sept 2015	Vijayawada Chamber of Commerce
35		Mr.P.V.M.Raju	Workshop	DAIRYBIZ INDIA 2015	10 – 11 Sept 2015	APTDC and CII
36		Mr. G. Kamal & Mr.S.Ramesh Babu	National Seminar	Consumer Protection in the Era of Advanced Technology	23 – 24 Sep 2015	Ministry of Consumer Affairs, Foods and Public Distribution Govt.of India at KLU Business School

### 3. Deputation of faculty to higher studies (Ph.D/M.Tech):

Dept.	Name of the faculty	Program	Duration	University/Institute
ME	Sri T. Siva Krishna	Ph.D	3 years	NIT Calicut, Calicut, Kerala



#### 4. Faculty publications in referred journals/Conferences:

S. No.	Dept	Names of Author(s)	Title of the paper	Name of Journal/Conference with vol., page Nos., month and year
1	CE	Dr. S.R.K.Reddy & Dr.P.Kodanda Rama Rao	Recent Developments In Retrofitting, Repairs And Rehabilitation of Structures	E-Souvenir, Issue.1, 11 <sup>th</sup> -12 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4
2		Dr. S. R.K. Reddy, Dr.P.Kodanda Rama Rao, Mr.K. Venkateswara Rao & Mr.A.H.L. Swaroop	Seismic Evaluation and Retrofitting of R. C. Columns using Jacketing technique	E-Souvenir, Issue.1, 11 <sup>th</sup> -2 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4.
3		Dr.P.Kodanda Rama Rao	Review on various retrofitting and strengthening methods employed for bridges, buildings and load bearing structures	E-Souvenir, Issue.1, 11 <sup>th</sup> -12 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4.
4		Mr.K.Venkateswara Rao & Ms.K.Sailaja	Advanced Retrofitting Techniques for RC Structures	E-Souvenir, Issue.1, 11 <sup>th</sup> -12 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4.
5		Mr.A.H.L.Swaroop	Retrofitting of Reinforced Concrete Structures Using Low Cost Materials	E-Souvenir, Issue.1, 11 <sup>th</sup> -12 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4.
6		Mr.P.S.S.Anjaneya Babu	Repair Works For A Cyclone Relief Building Uppada, Bheemunipatnam	E-Souvenir, Issue.1, 11 <sup>th</sup> -12 <sup>th</sup> July,2015, ISBN No.978-1-4276-5542-4
7		Dr. S.R.K.Reddy & Dr.P.Kodanda Rama Rao	A Review on impact of agriculture & aquaculture practices on environment	WET center, S.R.K.R. Engineering College, Bhimavaram & Science and Engineering Research Board (SERB), New Delhi. During 28 <sup>th</sup> & 29 <sup>th</sup> August, 2015.
8		Ms.B.Harika, Sri N.Abilash, Sri G.Sai Krishna & Sri G.T.N.Veerendra	Assessment of surface water quality parameters for irrigation on Godavai river at polavaram, Pydipaka, Pattisima	WET center, S.R.K.R. Engineering College, Bhimavaram & Science and Engineering Research Board (SERB), New Delhi. During 28 <sup>th</sup> & 29 <sup>th</sup> August, 2015.
9	EEE	Dr.M.Siva Kumar& Gulshad Begum, PG Student	Order Reduction of Linear Interval System Using Differential Evolution Algorithm	IJAER, International Journal of Applied Engineering Research Vol-10 No14, pp.4316-4323 2015
10		Dr.M.Siva Kumar& D.SrinivasaRao	Design of Robust PI and PID Controller for DC Motor Fuzzy Parametric Approach	GJMS Special Issue for Recent Advances in Mathematical Sciences and Applications-13 GJMS Vol 2 pp.77-83 2015
11		Dr.L.Ravi Srinivas & B.Mahesh Babu	Improving And Controlling Of Power Quality Variations Using Interline Unified Power Quality Conditioner.	International Conference on Recent Developments in Engineering Research at Hotel Ganesh Mahal, Salem, 18 <sup>th</sup> October, 2015.
12		Dr.L.Ravi Srinivas & B. Mahesh Babu	Multilevel inverter hybrid D-STATCOM topology for power quality improvement	International conference on current innovations in Engg. and technology,IAETSD 2015, October 2015, ISBN:978-1514782-127
13		Dr. L.Ravi Srinivas & B. Mahesh Babu	Enhancement of Power Quality with Sliding Mode Controlled	International Journal of Engineering Research &

			Hybrid Active Power Filter Based on Variable Scaling Hybrid Differential Evolution	Technology (IJERT), Vol. 4 Issue 10, Oct-2015, ISSN 2278-0181
14		Ch. Sujatha	Enhancement of Power Quality with Shunt Active Power Filter Using Fuzzy Adaptive Hysteresis Controller	International Journal of Engineering Research and Technology (IJERT), Vol.4, Issue 10, October-2015, ISSN:2278-0181
15		B. Satish	MPPT Algorithm for Effective Utilization of Solar Energy to Drive SPWM based VSI Fed IM	International Journal of Engineering Research and Technology (IJERT), Vol.4, Issue 10, October-2015, ISSN:2278-0181
16		D. Sundar Singh	Closed Loop Control of Modular Multilevel DC/DC Converters with Phase shift Control Scheme for HVDC Based System	International Journal of Scientific Engineering and Technology Research(IJSETR), Vol.04, Issue.42, October 2015, Pages:9275-9282, ISSN:2319-8885
17		D. Srinivasa Rao	Enhancement of Power Quality in Distribution System by Ultra Capacitor Integrated Power Conditioner	International Journal of Research(IJR), Volume 2, Issue 10, Oct 2015, e-ISSN:2348-6848, p-ISSN:2348-795X
18		J. Hema Sunder	Closed Loop Control of Three Phase Interleaved PFC AC-DC Converter	International Journal of Scientific Engineering and Technology Research(IJSETR), Vol.04, Issue.42, October 2015, Pages:9245-9250, ISSN:2319-8885
19		K. Santhosh Kumar	Over Voltage and Fault Current Limiting in PV Systems using Active SFCL	International Journal of Scientific Engineering and Technology Research(IJSETR), Vol.04, Issue.42, October 2015, Pages:9101-9105, ISSN:2319-8885
20	ME	Dr. A. Jawahar Babu	Qualification of Subjectivity for better Decision making-Role of Mathematics	GEC's International Journal of Innovation Technology and Management - ISSN No.2394-594 X - Vol No.2 P.No.66 to 69, Aug 2015
21		Sri P.V. Siva Teja	Finite Element Analysis in Drilling GFRP Composites	Indian Journal of Science and Technology, Vol 8(15), 59588, July 2015, ISSN (Print) : 0974-6846
22		Dr. T. Babu Rao	Optimizing Machining Parameters of AI7075/Sicp composites using wire-EDM based on an integrated statistical approach—an experimental investigation	International journal of Advances in Manufacturing – Springer Verlog
23		Dr. T. Babu Rao Dr. P. Ravindra Babu Sri P.N.S. Srinivas	3D Elastic–plastic Finite Element Model for Three Tube Spinning	International conference on Computer Aided Engineering-2015
24		Dr. T. Babu Rao Dr. P. Ravindra Babu	Numerical simulation of Friction stir welding for residual stresses, maximum temperature and heat affected zone	International conference on Computer Aided Engineering-2015
25		Dr. T. Babu Rao	A Comparative Analysis on Cutting Tool Temperatures of Rotary and Conventional Turning Tools	International conference on Computer Aided Engineering-2015
26	ECE	G.Sreelatha, B.Rajasekhar,	A Robust reliable Gender Driven Emotion Recognition System	IFERP International Conference, Visakhapatnam,

		M.Kamaraju		ISBN:9788192958021,pp:7-10, August,2015
27		Y. Sasirekha Y.SriChakrapani, M. Kamaraju	Design and Implementation of Low Power, Light Weight Cryptographic Core using Hummingbird2 Algorithm	International Journal of Scientific Engg. and Technology, Research, Vol.04,Issue.35, August-2015, pp:7086-7089
28	CSE	Dr. Ch. Kavitha	Efficient Novel Sentence Level Text Clustering	International Journal of Modern Trends in Engg. and Research (IJMTER), Vallabh Vidyanagar : IJMTER, Volume 2, Issue 7, Page No: 14-19, July 2015
29		Mr. Ch. Suresh Babu	Efficient Design And Deployment Of Aqua Monitoring Systems Using WSNs And Correlation Analysis	International Journal Of Computers Communications & Control, CCC Publications, Volume-10, No. 4, Page No: 471-479, August-2015
30		Mrs. P. L. Padmaja	Ensuring Data Integrity for decentralized disruption- Tolerant Military Networks	International Journal of Computer & Electronics Research (IJCER)
31	IT	Ms. V. Alekya	Efficient video sharing in online social networks	Internal Journal of Research in Information Technology (IJRIT)
32		Ms. D. Hema Sindhu	Survey on Adoptive position update for Geo-routing using mobility prediction and on demand learning in MANETS	Internal Journal of Research in Information Technology (IJRIT)
33		Mrs. R. Swetha et.al	“Chemical Reaction and Thermal Radiation Effects on Mhd Free Convective Flow Past An Accelerated Inclined plate Embedded In porous Medium with variable Temperature & Mass Diffusion.”“Mathematical Sciences (ICMS-2015)”	International Journal of Scientific and Innovative Mathematical Research (IJSIMR) Volume 3, Special Issue 3, July 2015, PP 1111-1117, ISSN 2347-307X (Print)
34		Dr. Ch. Chakrapani et.al	“Preparation of Mesoporous Activated Carbon From Jackfruit PPI-1 Waste and Development of Different Surface Functional Groups”	International Letters of Chemistry, Physics and Astronomy Vol. 54(2015) PP 189-200, ISSN : 2299-3843.(July).
35	BSH	Dr. Ch. Chakrapani et.al	“Removal of Cationic Textile Dye (C.I. Number 11105) from Aqueous Solution by Adsorption on to Prepared Activated Carbon”	International Journal of Chemical Science Review and Letters 2015, PP 4(14), ISSN : 2278-6783.(July)
36		Mr. S.Suresh et.al	“Physical and spectroscopic of multi-component Na <sub>2</sub> O - PbO”- Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass ceramics with Cr <sub>2</sub> O <sub>3</sub> as nucleating agent”,	Optical Materials, Volume 47, September 2015, Pages 315-322.
37		Mr. S.Suresh et.al	“Structural investigations of lead germanosilicate glasses doped with Nb <sub>2</sub> O <sub>5</sub> by means of spectroscopic and dielectric studies”,	Journal of Molecular Structure, Volume 1098, 15 October 2015, Pages 181-190.
		Mr. S.Suresh et.al	“Influence of local structural disorders on spectroscopic properties of multi-component CaF <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> glass ceramics with Cr <sub>2</sub> O <sub>3</sub> as nucleating agent”	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 153, 15 January 2016, Pages 281-288.



## 5. Participation of faculty in invited lectures :

Dept.	Name of the faculty	Name of the topic/event	Duration	Venue
EEE	Dr.M.Siva Kumar, Dr.L.RaviSrinivas & B.MaheshBabu	One week Faculty Development Programme on MATLAB Applications In Mechanical Engineering”	7 – 11 September 2015	Department of Mechanical Engineering, Gudlavalleru Engineering College,Gudlavalleru
ME	Dr. A. Jawahar Babu	Key note address National Conference on “Advances in Materials and Manufacturing Systems”	26 Sept. 2015	QIS College of Engineering & Technology, Ongole
MBA	Dr.Ch.Nirmal Chand	Winning Qualities of Highly Successful People	6 Sept. 2015	Vijayawada Chamber of Commerce, Vijayawada
ENG	Dr P Ramanujam	‘Effective Classroom Management and the Role of Communication’	9 October 2015	Department of Business and Management Studies,GEC
	Dr P Ramanujam	‘Soft skills’	19 October 2015	VV Institute of Pharmaceutical Sciences, Gudlavalleru,

## 6. Awards/recognitions received by faculty:

S.No.	Names of the faculty	Nature of award / recognition	Month & year	Awarding / recognizing organization
EEE	Dr. M.Siva Kumar	Editorial Board Member	August 2015	Journal of Electrical Engineering and Science (JEES)
CSE	Ch. Suresh Babu	Reviewer	August 2015 (received in Oct, 2015)	ELSEVIER

## 7. R&D Activities

### a) Research Project Proposals submitted to Funding Agencies:

Sl. No.	Department	Funding Agencies	No. of Project proposals submitted	
			Minor	Major
1	Civil Engineering	UGC	2	-
2	Electrical and Electronics Engineering	UGC	4	-
3	Mechanical Engineering	UGC	7	-
4	Electronics and Communication Engg.	UGC	7	-
5	Computer Science and Engineering	UGC	9	-
6	Information Technology	UGC	3	-
7	Master of Business Administration	UGC	6	-
8	Basic Sciences & Humanities	UGC	1	-
9	Basic Sciences & Humanities	CSIR	-	1
<b>Total :</b>			<b>39</b>	<b>1</b>

**b) In-House R&D Project Proposals Submitted:**

Sl. No.	Dept.	Name of the Project	Name of the funding agency / Industry	Total grant received
1	CE	Generation Of Geographical Information Of Maps For Entire Krishna District	In-House	2,30,000/-
2	CE	Fabrication And Execution Of Mobile House Using Precast Elements	In-House	90,000/-
3	EEE	Multi-input DC-DC Converters for Integrating Solar Energy Resources with Storage Systems	In-House	1,80,000/-
4	ME	Bend and Re-bend Tests on Cracked Components	In-House	1,90,000/-
5	ECE	Development of FPGA based license plate Recognition in Toll Gate System	In-House	2,00,000/-
6	ECE	Smart Colonies based on Wi-MAX Technology	In-House	85,000/-
7	CSE	Smart Controlling and Monitoring System with Internet of Things	In-House	1,25,000/-
8	IT	Agricultural guidance system using Kiosk	In-House	1,50,000/-
9	IT	Students and Staff Information Retrieval system using Kiosk	In-House	1,40,000/-
10	MBA	Advancing an organizational Innovation: Strategies & Practices for promoting a periodical in International Market	In-House	99,000/-
<b>Total :</b>				<b>14,89,000/-</b>

**8. Workshops / Guest Lectures / Training Programs organized for students:**

Dept.	Workshop/ guest lecture/ training program	Title	Duration	Name , designation and organization of Resource person(s)	Grant received in Rs.	Targeted Audience	No. of participants	
							Internal	External
CE	Workshop	Soil foundation analysis	21-22 August 2015	Er. Akhil Mittal, Roxent & Technologies, New Delhi	-	B.Tech	209	191
	Guest Lecture	Recent Advances in Structural Engineering Research	15 Sept. 2015	Er. P.Gandhi, Sr. Principal Scientist, SERC, Chennai	15,000/-	III & IV B.Tech	150	
EEE	workshop	Control Of Power Electronic Converters Using Matlab/Simulink and Control System Toolbox- Hands on Experience	05-10 Oct. 2015	Dr. M. Siva Kumar, Professor & HOD,GEC Sri E. Vargil Kumar, Associate Professor Sri N.Kiran Kumar, Assistant Professor	--	IV B.Tech	180	
	workshop	PCB Design	08-09 Oct. 2015			B.Tech	80	70

	Guest lecture	Power System Components	15 Sept. 2015	T. Srinivasa Rao,ADE, EHV lines & Substations, APTRANSCO, Gunadala,AP,India		II & III	386	
	Guest lecture	Basic Components of Electrical Protection & Relay Systems	08 Sept. 2015	B.Raju,ADE, KTPS, Paloncha		III B.Tech	190	
	Guest lecture	Different types of Substations in Grid and its elements	27-28 Aug. 2015	B.Raju,ADE, KTPS, Paloncha		IV B.Tech	180	
	Workshop	Control of Power Electronic Converters Using MATLAB / SIMLINK and Control Systems Tool Box – Hands on Experience	5 - 10 October, 2015	Dr.M.Siva Kumar E.Vargil Kumar N.Kiran Kumar	--	IV B.Tech	180	0
	Workshop	PCB DESIGN	8 - 9 October 2015	Mr.Nishanth Manoj Singh, Research Engineer, ARK Technosoulution	--	I,II,III & IV B.Tech	103	104
ME	Workshop	ROBO-ZEST'16	15-16 Sept. 2015	RoboSpecies Technologies Pvt. Ltd, Noida	NA	All B.Tech	123	--
	Guest Lecture	Applications of Composite Materials	11 Sept. 2015	Dr. Viswanath Chinthapenta Department of Mechanical & Aerospace Engineering, Indian Institute of Technology, Hyderabad	17 080/- (10,225/- GEC + 6855/- MEA)	III B.Tech	144	--
	Guest Lecture	Career Guidance	7 Sept. 2015	Mr. T.P. Sameer Kumar	--	III B.Tech	162	--
	Guest Lecture	Non-Destructive Testing	27 Aug. 2015	B.Srinivas Manager M/s Kalva Institute OF NDT & Quality Management, Hyderabad	8015/- (6500/- GEC + 1515/- MEA)	III/IV B.Tech	200	--
ECE	Workshop	Emerging Technology : Internet of Things	21-22 Sept. 2015	Mr.Dinesh, Design Engineer, Mr. Nisanth Singh, Design Engineer,	12,000/-	All B.Tech	338	211



				M/s.ARK Techno Solutions, Bombay				
	Guest Lecture	Future of Production/ Solution Development	5 Sept. 2015	Er.S.Bhavani Shankar, Design Engineer, M/s.Efftronics Systems Pvt. Ltd., Vijayawada	7,000/-	II B.Tech	200	---
	Guest Lecture	ALIEN VISION: Exploring Electromagnetic Spectrum with Imaging Technology	15 Sept. 2015	Er.P.Phani Kumar, Manager, M/s.Bharat Electronics Ltd., Machilipatnam	6,700/-	III B.Tech	150	---
CSE	Work shop	Windows Azure	2 <sup>nd</sup> sep 2015	J.M.Rajasekhar Reddy, J,Chaitanya varma, Roopesh Gupta, Sravan Kumar, (Founders of Campusify)	19000/-	III,IV B.Tech	75	0
	Workshop	Windows 10 Application Development	6-7 Aug 2015	Abdul Shahed Feroz Khan Microsoft student partner ,Microsoft India	2541/-	III,IV B.Tech	93	0
	Workshop	Internet of Things	6-7 Oct. 2015	Amarender k, Technical Manager, VSES Pvt Ltd, Hyderabad	6,000/-	II, III, IV B.Tech	123	0
IT	Workshop	Ethical Hacking	6-7 Oct. 2015	D.Sai Satish CEO, Indian Servers, Hyd		II, III & IV B.Tech	148	58
	Guest Lecture	Selenium using Python and how to plan your future	4 Sept. 2015	Mr.M.Sampath Kumar, Sr.Q.A.Analyst, Cognizant Technology Solutions, Hyd		II, III & IV B.Tech	160	0
	Guest Lecture	How to improve your technical skills for getting a job in Software Industry	19 Sept. 2015	Ms.I.Jalaja ADP Systems Hyderabad Ms.K.Prathyusha Chaitanya Tech Mahindra Limited Chennai		III & IV B.Tech	82	0
MB A	Guest Lecture	OD Interventions	6 July 2015	Dr.A.Chandra Mohan, Professor of Management	8,250/-	MBA	150	-

				Studies, SRM School of Management, SRM University, Chennai				
	Guest Lecture	Career Planning	4 Sept. 2015	Sri Ch.P.S.Govind, HDFC Bank	4,140/-	MBA	170	
ENG	Workshop	Transition+Peer Mentoring	17 Oct. 2015	Dr P Ramanujam, Director, ELT Centre, and Senior Professor of English as the Project Director & Principal Investigator and Chief Facilitator of the workshop. Dr M Vijaya Lakshmi, Mr G Raja Kumar Mr G V Chandrasekhar and Mr B Kalyan	Rs. 18,000 (approximately)	All I B.Tech	325	0

#### 9. Industrial Tours Arranged:

Sl. No.	Class & Branch	Name & Address of the Industry	Duration	No.of Students
1	CE III Year	M/s. Structural Engineering Research Centre , Chennai	8 October 2015	66
2	EEE III Year	NTTPS, Vijayawada, Gunadala Substation (220/132KV) and Srisailem Left and Right Power Plants	11– 13 September 2015	75
3	CSE III Year	M Power Global Pvt. Ltd and Infosys Campus Mysore	1 - 3 October 2015	108
4	IT III Year	M/s.M Power Tech, Bangalore and Infosys Campus, Mysore	1 – 4 Oct 2015	30
5	MBA II Semester	M/s.The Krishna District Milk Producers Mutually Aided Co-op. Union Limited, Vijayawada	19 June 2015	86

#### 10. Co-curricular & Extra Curricular Activities:

- Our college teams received prizes in the following events in JNTUK Central Zone Tournaments organized by JNTUK, Kakinada on 3<sup>rd</sup> – 4<sup>th</sup> April 2015:
  - Ball Badminton(Men) : Winners
  - Kho-Kho (Men) : Runners
- Our college Boys & girls teams got 81points in various games & sports events in JNTUK inter-collegiate Central Zone Tournaments and received over all championship for the Academic year 2015-2016

#### University Blues:

- Mr. V. Murali Krishna of IV B.Tech Civil Engineering (Roll No.13485A0112) has been selected for South Zone Inter University Kabaddi Tournament hosted by Kuvempu University, Shimoga, Karnataka State from 15 – 19 October 2015.

*P. N. S. S. S.*

# 11. Placements (Till date):

## Total Number of Placements for the class of 2015

Class of	CE	EEE	ME	ECE	CSE	IT	MBA	M.Tech	Total
2015	25	58	49	140	109	37	29	1	448
2016	-	6	3	33	15	5	-	1	63

## Company-wise Placement details since Last Meeting

### Class of 2015

S. No.	Name of the Company	Number Placed							
		CE	EEE	ME	ECE	CSE	IT	MBA	Total
1	P.B.Systems India Pvt. Ltd.	-	-	-	3	1	-	-	4
2	T C S	-	1	-	4	-	-	-	5
3	Convergys	-	-	-	1	5	-	-	6
4	CADeploy Engineering Pvt. Ltd.	8	-	-	-	-	-	-	8
5	NCL Alltek & Seccolor Ltd	-	-	3	-	-	-	-	3
6	FOCUS Academy	-	3	-	1	1	1	-	6
7	VEE Technologies Pvt. Ltd.	-	3	2	3	2	2	-	12
8	Global Logic Pvt. Ltd.	2	3	5	7	5	4	-	26
9	Great India Mining Pvt. Ltd.	-	11	12	-	-	-	-	23
10	Efftronics Systems Pvt. Ltd.	-	-	-	-	1	-	-	1
11	Bajaj Allianz Life Insurance Co. Ltd.	-	-	-	-	-	-	12	12
12	Zealous Services Pvt. Ltd.	6	18	13	35	25	10	-	107
13	Sutherland Global Services	-	-	-	1	-	-	-	1
14	TATA-Business Support Services Ltd.	-	3	2	6	1	1	-	13
15	NCC Limited	4	-	-	-	-	-	-	4
16	United Online Software Dev. (India) Pvt Ltd.	-	-	-	-	1	-	-	1
37	CAPGEMINI	-	-	-	1	2	-	-	3
38	HIGHRADIUS	-	2	-	1	-	-	-	3
<b>Total:</b>		<b>20</b>	<b>44</b>	<b>37</b>	<b>63</b>	<b>44</b>	<b>18</b>	<b>12</b>	<b>238</b>

### Class of 2016

S. No.	Name of the Company	Number Placed							
		CE	EEE	ME	ECE	CSE	IT	M.Tech	Total
1	TCS	-	6	3	28	10	3	1	51
2	OSMOSYS	-	-	-	5	4	1	-	10
3	Financial Software Services	-	-	-	-	1	1	-	2
<b>Total:</b>		<b>-</b>	<b>6</b>	<b>3</b>	<b>33</b>	<b>15</b>	<b>5</b>	<b>1</b>	<b>63</b>

*P. S. S. S. S. S.*