



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/2014/

31st July 2015

To

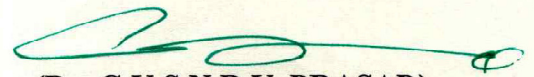
The IQAC Committee,
Gudlavalleru Engineering College,
Seshadri Rao Knowledge Village,
Gudlavalleru.

Respected Sir,

The **Third Meeting of the Internal Quality Assurance Cell** of Gudlavalleru Engineering College (Autonomous) will be held on **08-08-2015, Saturday at 02-30 PM** in the Management Conference Hall of the college. You are requested to make it convenient to attend the meeting.

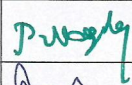
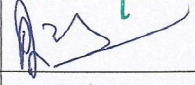

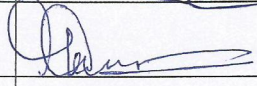
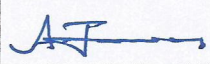
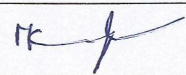
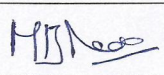
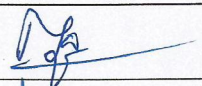
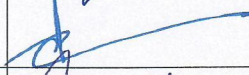
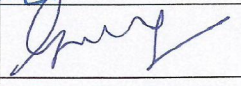
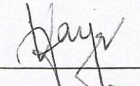
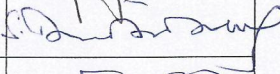
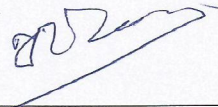

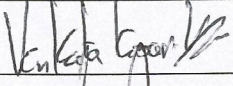
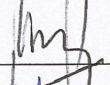
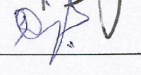

AGENDA

- 1) To assess the quality parameters developed and followed during the academic year 2014-15.
- 2) To review the strategies adopted in creating learners-centric environment conducive to quality education.
- 3) To discuss and approve Annual Quality Assurance Report (AQAR) to be submitted to the NAAC for the academic year 2014-15.
- 4) Any other matter with the permission of the chair.


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

The Third Internal Quality Assurance Cell Meeting of Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru is held today i.e. 08-08-2015 (Saturday) at 02-30 PM 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	Could not attend
4	Dr. A.V.N. Tilak	Dean PG Studies, R&D and Consultancy	Member	could not attend
5	Sri N. Krishna Rao	Administrative Officer	Member	could not attend
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	
18	Sri Vallurupalli Venkata Kiran	Alumni Representative	Member	
19	Sri K.R.S.R. Krishna	Vice President, Petrofac Engg. Services, Chennai (Employer)	Member	
20	Sri Rajeev Konduri Konduri KONDURI	CEO, VR Cyber Securities, Hyderabad (Industrialist)	Member	
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 Third Meeting of the Internal Quality Assurance Cell held on 08-08-2015, Saturday at 02-30 PM in the Management Conference Hall.

3.01 To assess the quality parameters developed and followed during the academic year 2014-15.

The quality parameters such as admissions, participation of Industry experts in the curriculum design and the flexibility provided in the form of core and open electives, students performances in the semester end examinations, co-curricular and extra-curricular activities, training programs / workshops organized, faculty development programs conducted, faculty achievements, etc. are reviewed. The details are given in **Annexure – I** (See Page No. 2)

3.02 To review the strategies adopted in creating learners-centric environment conducive to quality education.

Learner-centric environment that has been provided and being followed during the current academic year is reviewed. The following are the learner-centric approaches adopted:

- Use of ICT and adopting modern pedagogical techniques.
- Arranging Guest lectures on advanced topics by the Eminent Academicians and industry experts.
- Setting Innovative assignments to cater the requirements of meritorious students.
- Conducting seminars by students on certain portion of the syllabus.
- Encouraging the students to undertake design / analysis based project works in the industry.
- Introducing the laboratory component in all thrust areas along with theory subjects.
- Conducting Group discussions and technical quizzes.

3.03 To discuss and approve Annual Quality Assurance Report (AQAR) to be submitted to the NAAC for the academic year 2014-15.

The Annual Quality Assurance Report (AQAR) prepared for the academic year 2014-15 is presented and the same is approved for submitting to the National Assessment and Accreditation Council (NAAC).

3.04 Any other matter with the permission of the chair.

- i. Members opined to conduct the Academic and Administrative audit for the calendar year 2015 by the external experts.
- ii. It is recommended to provide a common incubation center for core branches of Engineering to take up multi disciplinary projects by the students.

P. N. Seshadri Rao

Annexure - I

Assessment of Quality Parameter for the Academic Year 2014-15

A) Admission Quality:

I) B.Tech Programs

Range of EAMCET Ranks

Branch	Rank Range					Total
	0 - 10000	10001-20000	20001-50000	50001-100000	> 100000	
CE	0	1	25	55	32	113
EEE	1	2	31	38	43	115
ME	1	5	48	47	14	115
ECE	4	21	67	39	26	157
CSE	1	5	55	37	26	124
IT	0	0	9	43	14	66
Total	7	34	235	259	155	690

Total Intake : 1080

Total No.of Admission : 972

No.of Admissions with EAMCET Ranks : 690

II) B.Tech Lateral Entry

Range of ECET Ranks

Branch	Rank Range					Total
	0 - 1000	1001-2000	2001-5000	5001-10000	>10000	
CE	6	7	12	2	-	27
EEE	14	11	16	4	0	45
ME	8	10	3	11	4	36
ECE	14	12	7	5	2	40
CSE	22	8	8	1	-	39
IT	1	1	0	0	0	2
Total	65	49	46	23	6	189

Total Intake with leftover seats : 254

No.of Admissions : 195

No.of Admissions with ECET Rank : 189

III) MBA Program

Range of ICET Ranks

Program	Rank Range					Total
	0 - 5000	5001-10000	10001-20000	20001-30000	> 30000	
MBA	8	6	20	11	34	79

Total Intake : 120

Total No.of Admission : 94

No.of Admissions with ICET Ranks : 79

P. N. S. S. S.

IV) M.Tech Program

Range of GATE / PGECET Ranks

Specialization	GATE			PGECET				Total
	10000 - 15000	15001 - 20000	> 20000	0 - 2000	2001- 5000	5001- 10000	> 10000	
SE	0	0	0	7	10	1	0	18
MD	0	0	0	3	6	3	0	12
PEED	2	1	1	4	4	4	4	20
CS	0	0	0	5	4	0	4	13
DECS	6	0	0	3	4	1	8	22
ES	5	0	0	5	3	3	4	20
CSE	0	0	1	6	9	6	6	28
Total	13	1	2	33	40	18	26	133

Total Intake : 216

Total No.of Admission : 152

No.of Admissions with GATE Ranks : 16

No.of Admissions with PGECET Ranks : 117

B) Curriculum:

i) Participation of industry and academia in curriculum design and development

Following is the list of subject / industrial experts on Boards of Studies of various departments.

Name of the Dept.	Name of Expert	Designation	Name of the Society / Organization
CE	Dr. I. S. N. Raju	Chief Engineer (Rtd)	I & CAD Dept & Chairman, A.P. State Centre, IE(I)
	Er. K. Srinivasa Rao	Superintending Engineer	I & CAD Dept.
	Dr. G. N. Pradeep Kumar	Professor and Head of CE	SV University, Tirupathi
	Dr. K. Rama Mohan Rao	Professor and Head of CE	JNTU Hyderabad
	Dr. Ramana Murthy V	Associate Professor, Dept of CE	NIT Warangal
EEE	Dr. K. Shanti Swarup	Professor	Indian Institute of Technology Madras, Chennai.
	Dr. V. T. Somasekhar	Professor	National Institute of Technology, Warangal.
	Sri P. Trimurthulu	Associate Director, Scientist - G Naval Science & Technology Laboratory	Defence Research and Development Organization (DRDO), Ministry of Defence, Vigyan Nagar, Vizag.
	Dr. K. A. Gopala Rao	Principal	GVP for Women's Engineering College, Visakhapatnam.
ME	Dr. G. Ranga Janardhan	Professor of ME & Director – Foreign Universities Relations	JNTUK, Kaakinada
	Dr. P. Bangaru Babu	Prof. of Mech. Engg.	NIT, Warangal

	Dr. B. Sudheer Prem Kumar	Prof. & HoD of Mech.Engg.	JNTUH, Hyderabad
	Mr. H. Sudhir Kumar	Digital Designer	Hyundai Motors India Engineering Pvt. Ltd., Hyd.
	Er. J.S.R.K. Prasad	Managing Director	Better Castings Pvt. Ltd. Vijayawada
	Sri B Rama Krishna	Managing Director	Efftronics Ltd, Vijayawada
ECE	Sri. S.R.T. Ramasamy	Vice president R&D	Efftronics Systems Pvt., Ltd.,
	Sri. K. Jagadeesh Kumar	Verification engineer	Sicon Design Technologies Pvt., Ltd.,
	Dr. K. Babulu	Professor and Head, Dept of ECE	JNTU Kakinada
	Dr. K. Rajeswari	Professor of ECE & Principal	Viswanadha Institute of Technology & Management
	Prof. Ganapati Panda	Professor	School of Electrical Sciences, IIT Bhubaneswar
CSE	Mr. Satya Thopalli	AGM, RMG- Campus	Tech Mahindra
	Mr. K. V. S. Prasad	Software Engineer	Penn Information Technologies Pvt. Ltd.
	Dr. JVR Murthy	Professor and Director of Training Programmes	JNTU Kakinada
	Dr. V. Valli Kumari	Professor	Andhra University
	Dr. VS Ananta Narayana	Professor and Head, Dept of IT	NIT, Surathkal
IT	Dr. K. Babu Rao	Technical Director	Navayuga Infotech, Hyderabad.
	Dr. Ch. D. V. Subba Rao	Professor	Dept. of CSE, S.V.University
	Dr. P. S. Avadhani	Professor	Dept. of CSE, Andhra University
	Dr. Y. Srinivas	Professor	Dept. of IT, Gitam University
	Mr. P. Praveen Kumar	Team Leader	Paypal India Pvt. Ltd.
MBA	Dr. T. Uma Maheswara Rao	Professor	KL University Business School, KL University, Vaddeswaram, Vijayawada
	Prof. M. Madhusudhana Rao	Professor and Head	Department of Commerce and Management Studies, Andhra University, Visakhapatnam.
	Prof. G. V. Chalam	Dean – CDE and Professor	Commerce and Business Administration, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur
	Sri S. Phani Kumar	Executive Director	Sri Anantha Lakshmi Spinning Mills Pvt.Ltd., Guntur
	Sri V. Ch. D. Prasanth Kumar	Asst. Manager	Housing Loan Department, Axis Bank, Vijayawada.
English	Prof. S. Prasanna Sree	Professor of English	Andhra University, Viakhapatnam
	Prof. D. S. Kesava Rao	Professor of English, Head, Humanities & Social Science	NIT, Warangal.

	Prof. S. P. Dhanavel,	Professor of English	Anna University Campus, Chennai
Maths	Dr. J. V. Ramana Murthy	Professor & Head of Mathematics	NIT, Warangal.
	Prof. V. Ravindranath	Professor & Head of Mathematics	J.N.T. University Kakinada, Kakinada.
	Prof. Chidella Srinivasa Rao	Associate Professor of Mathematics	IIT Madras, Chennai.
Physics	Prof. N. Veeraiah	Professor & Head of Physics	Acharya Nagarjuna University, Guntur
	Prof. Sai Shankar M.	Professor & Head of Physics	NIT, Warangal.
Chemistry	Prof. M. V. Basaveswara Rao	Special Officer	Dr. M.R.A.R. Krishna University PG Center, Nuzvid
	Prof. K. Laxma Reddy	Professor of Chemistry	NIT, Warangal
ENS	Prof. K. Kameswara Rao	Professor of Environmental Studies	Andhra University, Visakhapatnam.
	Prof. G. R.K. Naidu	Professor Emeritus	Department of ENS, S. V. University, Tirupathi

ii) **Quality and relevance of curriculum to the present day industrial / societal needs.**

The curriculum is designed to meet the present day needs of the industry with special focus on emerging trends in various fields of Engineering. Following are the industry related subjects introduced in the course structure.

1. VLSI Design
2. Testing and Verification of VLSI circuits
3. Automotive Electronics
4. Digital Switching and Multiplexing
5. Electronic System Design
6. FPGA Design
7. Embedded Real Time Operating Systems
8. Microcontrollers and Embedded Systems
9. Sensors and Instrumentation
10. DSP Architectures and Applications
11. Consumer Electronics
12. Big Data
13. Cloud Computing
14. Wireless Networks
15. E-Waste Management
16. Computer Forensics
17. Power plant instrumentations
18. Electrical Machine Design
19. Special Electrical Machines
20. Un-conditional Machining
21. Computational Fluid Dynamics
22. Rapid Proto Typing
23. Green Engineering

P. Nagaraj

iii) Flexibility

More number of core electives, open electives and self study courses are offered to have greater flexibility for a student to choose the elective courses in his / her area of interest and future plans.

Course structure consists of

5 core electives with four options under each elective,

3 open electives with 12 options under each open elective,

1 self study course with 10 options,

besides basic sciences and humanities, core theory and laboratory subjects.

C) Teaching – Learning

I) Students

i) Pass Percentage:

B.Tech - Class of 2015

Branch	Appeared	Passed				Pass %
		Distinction	First Class	Second Class	Total	
Civil Engineering	128	71	33	8	112	87.5
Electrical and Electronics Engineering	138	57	51	5	113	81.8
Mechanical Engineering	130	58	45	7	110	84.6
Electronics and Communication Engg	204	120	57	5	182	89.2
Computer Science and Engineering	196	91	82	11	184	93.8
Information Technology	83	34	33	6	73	87.9

Overall Pass Percentage : 88.05

No of students passed in First class with Distinctions : 431

No of students passed in First Class : 301

No of students passed in Second Class : 42

M.Tech - Class of 2015

Branch	Appeared	Passed				Pass %
		Distinction	First Class	Second Class	Total	
PEED	32	25	6	0	31	96.87
CS	12	10	2	0	12	100.00
DECS	23	10	9	0	19	82.60
ES	29	13	12	0	25	86.20
CSE	31	18	10	0	28	90.32

Overall Pass Percentage : 90.55

No of students passed in First class with Distinctions : 76

No of students passed in First Class : 39

P. N. Ganesan

Branch	Appeared	Passed				Pass %
		Distinction	First Class	Second Class	Total	
MBA	91	10	64	5	79	86.81

B.Tech

Branch	Class of 2013	Class of 2014	Class of 2015
CE	84.85	87.30	87.5
EEE	84.09	93.33	81.8
ME	82.58	88.49	84.6
ECE	84.85	85.51	89.2
CSE	85.27	84.29	93.8
IT	78.31	78.00	87.9
Overall	83.53	86.43	87.45

Specialization	Class of 2013	Class of 2014	Class of 2015
PEED	91.17	89.28	96.87
CS	100.00	86.66	100.00
DECS	94.11	89.65	82.60
ES	86.11	96.87	86.20
CSE	97.14	94.44	90.32

Program	Class of 2013	Class of 2014	Class of 2015
MBA	93	100.00	86.81

GATE - 2015

Branch	No.of Qualified Students	Rank Range			
		1-2000	2001-5000	5001-10000	>10000
CE	05	0	1	2	2
EEE	04	0	1	1	2
ME	03	0	0	0	3
ECE	10	0	1	4	5
CSE	01	0	0	0	1
IT	00	0	0	0	0
Total	23	0	3	7	13

Class of	No. of Placements									
	CE	ME	EEE	ECE	CSE	IT	MBA	MCA	M.Tech	Total
2015	25	58	49	140	109	37	29	-	1	448

Pragmatics

Maximum package : Rs. 4.5 Lakhs Per Annum

Minimum package : Rs. 2.4 Lakhs Per Annum

Average Package : Rs. 2.8 Lakhs Per Annum

Company-wise Placements

S. No.	Name of the Company	Number Placed									Total
		CIVIL	EEE	ME	ECE	CSE	IT	M.Tech	MCA	MBA	
1	TECH MAHINDRA	4	9	6	38	11	1	-	0	0	69
2	RETAIL ON	-	-	-	-	2	-	-	-	-	2
3	V R CYBER SECURITY	-	-	-	8	11	11	-	-	-	30
4	NTT DATA	-	1	-	2	4	-	-	-	-	7
5	OPEN TEXT	-	-	-	-	1	1	-	-	-	2
6	IBM LTD.	-	1	-	5	2	1	1	-	-	10
7	VIRTUSA	-	-	-	-	6	-	-	-	-	6
8	MPHASIS	-	1	-	6	1	1	-	-	-	9
9	MINDTREE	-	-	-	1	-	1	-	-	-	2
10	Glenwood Systems	-	-	-	-	1	-	-	-	-	1
11	PETROFAC Engg. Services	1	-	1	-	-	-	-	-	-	2
12	MPHASIS	-	-	-	3	-	-	-	-	-	3
13	ICICI Prudential	-	-	-	-	-	-	-	-	17	17
14	OSMOSYS	-	-	-	3	2	-	-	-	-	5
15	AMARA RAJA BATTERIES	-	-	3	-	-	-	-	-	-	3
16	INFOSYS	-	2	-	3	1	-	-	-	-	6
17	RIKTAM Technologies	-	-	1	-	-	-	-	-	-	1
18	NALSOFT	-	-	-	3	3	-	-	-	-	6
19	MIRACLE Software Solutions	-	-	-	3	19	2	-	-	-	24
20	CSS CORP	-	-	1	2	1	1	-	-	-	5
21	P.B.Systems India Pvt. Ltd.	-	-	-	3	1	-	-	-	-	4
22	T C S	-	1	-	4	-	-	-	-	-	5
23	CONVERGYS	-	-	-	1	5	-	-	-	-	6
24	CADeploy Engineering Pvt. Ltd.	8	-	-	-	-	-	-	-	-	8
25	NCL Alltek & Seccolor Ltd	-	-	3	-	-	-	-	-	-	3
26	FOCUS Academy	-	3	-	1	1	1	-	-	-	6
27	VEE Technologies Pvt. Ltd.	-	3	2	3	2	2	-	-	-	12
28	GLOBAL LOGIC Pvt. Ltd.	2	3	5	7	5	4	-	-	-	26
29	GREAT INDIA MINING Pvt. Ltd.	-	11	12	-	-	-	-	-	-	23
30	Efftronics Systems Pvt. Ltd.	-	-	-	-	1	-	-	-	-	1
31	Bajaj Allianz Life Insurance Co. Ltd.	-	-	-	-	-	-	-	-	12	12
32	Zealous Services Pvt. Ltd.	6	18	13	35	25	10	-	-	-	107
33	SUTHERLAND GLOBAL SERVICES	-	-	-	1	-	-	-	-	-	1
34	TATA-Business Support Services Ltd.	-	3	2	6	1	1	-	-	-	13
35	NCC Limited	4	-	-	-	-	-	-	-	-	4
36	United Online Software Dev. (India) Pvt Ltd.	-	-	-	-	1	-	-	-	-	1
37	CAPGEMINI	-	-	-	1	2	-	-	-	-	3
38	HIGHRADIUS	-	2	-	1	-	-	-	-	-	3
	TOTAL:	25	58	49	140	109	37	1	0	29	448

v) No.of Startups Established:

Branch	Number Established	Name(s) of the Startup
EEE	01	Cloud Cryptza
ECE & IT	02	Technology tangled.com & 12nuit.com
CSE	01	Campusify Technologies LLP
Total	04	

vi) No.of Training programs / Workshops conducted:

Department							
CE	ME	EEE	ECE	CSE	IT	MBA	Total
6	3	2	9	25	4	1	50

vii) Participation in academic endeavours and achievements:

Department	No.of Paper Presentations	Prizes Won			No.of Projects/ Models	Prizes Won		
		I Prize	II Prize	III Prize / consolation		I Prize	II Prize	III Prize / consolation
CE	07	2	0	1	02			
EEE	16	1	1	14	36 /14	1	1	14
ME	16	1	1	0	--			
ECE	34	4	3	1	28	3	-	-
CSE	31	4	1	0	22	3	1	0
IT	12	1	1	10	--			
MBA	09	-	-	9	--			
Total	125	13	07	35	88 / 14	7	1	14

viii) Participation in co-curricular and extra-curricular activities and achievements:

a) Students Achievements In Inter Collegiate Tournaments:

- 1) National Level Fest competitions conducted at Nalanda Institute of Technology, Sattenapalli from 14th to 16th March 2015.
 Table Tennis (Men) : Winners Kho-Kho (Men) : Runners
 Table Tennis (Women) : Winners Tennikoit (Women) : Winners
 Kho-Kho (Women) : Winners Ball Badminton (W) : Runners
 Volley Ball (Men) : Runners
- 2) Girl Students Received Overall Championship Trophy In 3rd JNTUK Weight Lifting & Power Lifting Intercollegiate Tournament organized by Chirala Engineering College, Chirala from 3rd & 4th December 2014.

SL. No.	Name of The Student	Roll No.	Year Branch	Weight Lifting Category	Medal	Power Lifting Category	Medal
1	K. Prathyusha	14481E0021	I MBA	69kgs	Gold	69kgs	Silver
2	P. Rajini	12481A03C8	III ME	52kgs	Silver	52kgs	Gold
3	P. Anusha	13481A1231	II IT	57kgs	Gold	57kgs	Silver
4	G. Sowjanya	12481A0241	II EEE	84kgs+	Silver	84kgs+	Silver
5	G. Sireesha	13485A0309	III ME	52kgs	Gold	52kgs	Silver

- 3) Girl students received the following medals at the 3rd JNTUK Inter Collegiate Athletics' meet organized by JNTUK College of Engineering, Kakinada on 12th & 13th Dec 2014.

Name	Class and Roll No.	Event	Medal
K. Sowbhagyam	III CSE 12481A0566	1500 Mts. Running	Silver
		4X400 Relay	Silver
K. Naga Durga	III CSE 12481A0575	800 Mts. Running	Silver
		4X400 Relay	Silver
		400 Mts. Running	Bronze
A. Naga Chandrika	III ECE 12-406	4X400 Relay	Silver
K. Vineetha	II ME 13481A0381	4X400 Relay	Silver
D. Prasanthi	IV EEE 11481A0221	Long Jump	Bronze

- 4) Girl students received Overall Championship Trophy in JNTUK Single Zone Inter – Collegiate Girls Games Meet organized by Gudlavalleru Engineering College on 18th & 19th February 2015.

Ball Badminton	: Winner	Throw Ball	: Winners
Volley Ball	: Winner	Table Tennis	: Winners
Kho-Kho	: Winner		

b) University Blues:

Sl. No.	Name of the Student & Class	Tournament	University	Duration
1	Ms. P. Tejaswi, IV EEE	Table Tennis	S R M University, Chennai from	30 th Sept to 03 rd Oct 2014
2	Ms. M.S.S.Akshitha , IV EEE	Hand Ball (Women)	Periyar University, Salem (TN)	29 th Sept to 03 rd Oct 2014
3	Ms. K. Srilatha, IV ECE,			
4	Ms. P. Gnana Jyothi, III CSE			
5	Ms. P. V. Saraswathi, II ECE			
6	Ms. P.T. Ysaswini, II ECE			
7	Mr. M. Ashok IV ME,	Hand Ball	Periyar University, Salem (TN)	29-09-2014 to 03-10-2014
8	Mr. M. Moosa Baig III ECE			
9	Mr. S. Amardeep III ECE			
10	Ms. S. Akshitha IV EEE,			
11	Ms. K. Srilatha IV ECE,			
12	Ms. P. Gnana Jyothi III CSE,			
13	Ms. P. V. Saraswathi II ECE,			
14	Ms. P. T. Ysaswini II ECE			
15	Ms.MVN.Tejaswini III EEE,	Kho-Kho	Anna University, Chennai (TN)	18-22,Oct 2014
16	Ms.K.Nagadurga III CSE			
17	Ms.G.Naga Bindu II ECE			
18	Ms. G. Sirisha II ME	Kabaddi	Kannur University, Kerala	1-5 Nov 2014
19	Ms. P. Deena II CE			

20	Ms. M.S.S. Akshitha IV EEE,	Basket Ball	Hindustan University Chennai (TN)	4-9, Nov 2014
21	Ms. S. Vanaja Rani III EEE			
22	Ms. P. Gnana Jyothi III CSE			
23	Ms. G. Bhavani IV IT,	Ball Badminton	B. S. Abdur Rahman University Chennai (TN)	26-30, December 2014
24	Ms. P. Sowjanya IV IT,			
25	Ms. H. Ramya IV CSE			
26	Ms. Ch. Nagalaxmi IV CSE			
27	Mr.JP Manikanteswara Rao IV CE	Ball Badminton	S R M University Chennai (TN)	20-24 Dec 2014
28	Mr. Y. Sunilkumar I EEE			
29	Mr.A.Suresh Kumar III CE	Foot Ball	University of Calicut, Kerala	13-20 Dec 2014
30	Ms.Y.Veera Kumari IV EEE	Volley Ball	University of Madras, Chennai	26-30 Dec 2014
31	Ms. S. Devika IV, CSE			
32	Mr.A.Tharun Kumar Varma IV CSE	Hockey	Anna University Chennai (TN)	
33	Ms.G.Sireesha III ME	Weight Lifting & Power Lifting	PTU Jalandhar	
34	Mr. K. Manikyala Rao IV EEE	Kho-Kho	Anna University, Chennai (TN)	26-30 Dec, 2014

c) NSS Activities:

Sl. No	Program	Activities Undertaken	Place	Date
1	Swatch Bharath	Clean & Green	Gudlavalleru	20/10/2014
2	Children's day Celebrations	Conducted Games and distributed Prizes	Ambedkar Nagar, Gudlavalleru	14/11/2014
3	Plantation Program	Clean & Green and Plantation Program	Ambedkar Nagar, Gudlavalleru	15/11/2014

II) Faculty

i) Qualification and experience:

Name of the Department	No.of Faculty with Ph.D.	No.of Faculty with M.Tech	No.of Faculty with B.Tech	No.of Faculty with MA/MSc	No.of Faculty with M Phil	No.of Faculty with MBA
CE	3+1*	23	9	-	-	-
EEE	2	44	-	-	-	-
ME	4	34	10	-	-	-
ECE	4	56	-	-	-	-
CSE	3	42	3	-	-	-
IT	1	19	1	-	-	-
BS&H	3	-	-	24	4	-
English	2+1*	-	-	8	3	-
MBA	1	-	-	-	2	13
Total	25	218	23	32	9	13

* Visiting Professor

P. Nagarajan

Faculty Retention:

Department	< 1 Year	1 – 2 Years	2 – 3 Years	3 – 4 Years	4 – 5 Years	> 5 Years
CE	12	8	6	5	1	4
EEE	18	5	6	5	2	10
ME	16	11	5	4	2	10
ECE	15	14	8	6	4	13
CSE	12	8	3	7	8	10
IT	8	4	1	3	2	3
BS&H	5	3	2	3	5	13
English	1	4	1	2	3	3
MBA	2	6	2	2	2	2
Total	89	63	34	37	29	68

ii) Achievements:**Awards / Recognitions:**

- Mr. B. Akkayya, Assistant Professor in Mathematics received best paper award for his research paper entitled, “Homotopy Analysis Method to Heat Transfer in MHD in Porous Medium”, presented at the International conference on Emerging trends in Technology, Science and Upcoming Research in Computer Science organized by Devim Institution of Management and Science, Faridabad on 25th April 2015.
- **Dr. P. Ravindra Babu**, Professor of ME, received “Certificate of Appreciation” for constituting an annual ISTE National Award for Best Private Engineering College in memory of Sri Vallurupalli Venkata Seshadri Rao, the father of Gudlavalleru Engineering College.
- **Dr. P. Ravindra Babu**, Professor of ME received “Certificate of Appreciation-2014” from ISTE for serving and rendering commendable professional services through ISTE for the cause of Technical Education as a Member of National Executive Council, ISTE, New Delhi for a period of three years from 1st January, 2012 to 31st December, 2014.
- **Dr. M. Kamaraju**, Professor & Head, Department of ECE is nominated as National Council Member, Institution of Engineers (I), Kolkata for a period of two years w.e.f. 20th December 2014.

iii) Learning Resources Developed:

Name of the Faculty	Designation	Dept.	Name of the Manual / Course Module
D. Bhavana Rushi	Assistant Professor	EEE	BEE Lab Manual
B. Satish	Assistant Professor	EEE	BE Lab Manual
Dr A Jawahar Babu	Prof &HOD	ME	Course Module on Environment Conscious Design
Sri BVS Raghuvamsi	Asst Prof	ME	Course Module on Signature Analysis of Machine Vibration
Dr. A. V. N. Tilak	Professor & Dean R&D	ECE	Course Modules in VLSI
Dr.M.Kamaraju	Professor & HOD	ECE	Course Modules in MPI
Dr.V.V.K.D.V Prasad	Professor	ECE	Course Modules in SS

V.Vittal Reddy	Assoc. Professor	ECE	Course Modules in PTSP
B.K.N.Srinivasarao	Assoc. Professor	ECE	Course Modules in EDC
A.Malliah	Assoc. Professor	ECE	Course Modules in LDICA
T.Venkata Lakshmi	Assoc. Professor	ECE	Course Modules in DICA
T.S.R.Krishnaprasad	Assoc. Professor	ECE	Course Modules in AC
Dr.Y.Syamala	Assoc. Professor	ECE	Course Modules in LICA
B.Rajasekhar	Assoc. Professor	ECE	Course Modules in DSP
L.Padmalatha	Assoc. Professor	ECE	Course Modules in STLD
Ch. Rambabu	Asst. Professor	ECE	Course Modules in WSN
Vargil Vijay. E	Asst. Professor	ECE	DC
G. Ramakrishna	Asst. Professor	ECE	ECA
M.V.Srikanth	Asst. Professor	ECE	CO
M.Vijaya Kumar	Asst. Professor	ECE	PDC
B.Raviteja	Asst. Professor	ECE	EMTL
P.RaviSankar	Asst. Professor	ECE	TSSN
M.DamodharRao	Asst. Professor	ECE	RS
P.Anil Kumar	Asst. Professor	ECE	CS
K.RushendraBabu	Asst. Professor	ECE	CMC

iv) Students projects guided and quality of projects: Good

Department	No of Students projects guided		
	B.Tech	M.Tech	MBA
CE	32	-	-
EEE	36	43	-
ME	32	-	-
ECE	54	57	-
CSE	51	31	-
IT	23	-	-
MBA	-	-	86

v) Use of ICT and innovative teaching practices:

- Power Point presentation on some topics in most of the theory subjects.
- Use of Audio, Video visuals in the class room to present the lectures delivered by eminent professors of IITs and NITs wherever required.
- Presenting some of the material on certain important latest topics by using Internet facility in the class room.
- Presenting models and animations for thorough understanding of the subjects in certain topics.

P. N. Srinivas Rao

vi) New Labs established / experiments setup:

Sl. No.	Dept.	Name of the Faculty	Designation	New Labs established / experiments setup
1	CE	A.H.L. Swaroop	Sr.Gr.Asst.Prof.	Advanced Structural Engineering Lab
2		P.S.S. Anajaneya Babu	Asst.Prof.	Computer Applications in Structural Engineering Lab
3	EEE	D. Bavanarushi	Asst.Prof.	BEEE Lab
4		B. Satish	Asst.Prof.	BE Lab
5	ME	D. Kiran Prasad & L. Ramesh	Assoc.Prof. & Asst.Prof.	Machine Dynamics Lab (M.Tech)
6		B.V.S. Raghu Vamsi	Sr.Gr.Asst.Prof.	CAD Lab (M.Tech)

vii) Faculty Development / Training Programs organized and attended:

Name of the Department	No.of FDP programs organized	No.of Training programs organized	No.of faculty deputed to various FDP/Training Programs
CE	1	1	5
EEE	2	6	25
ME	1	1	2
ECE	2	11	24
CSE	1	3	7
IT	2	2	8
BSH	1	1	1
ENGLISH	2	-	4
MBA	-	-	6
Total	12	25	82

D) Research & Consultancy:

i) In-house R&D projects carried out / In progress:

Branch	Name(s) of the Principal investigator	Title of the Project	Duration	Amount Sanctioned (Rs.)	Amount Spent	Status
CE	Dr.S.R.K.Reddy & Sri Phani Kumar.V	Densification of soil using stone column	8 Months	50,000	48,728	Completed
EEE	Dr.M.Siva Kumar	Design and Development of Robust Control Algorithms for Inverted Pendulum.	2 Years	4,00,000	3,67,164	In Progress
ME	Sri D Kiran Prasad	Analysis of cracked Beams	2 Years	2,00,000	1,87,000	In Progress
ENGLISH	Dr. P Ramanujam	'Transition+ Peer Mentoring'		1,00,000	10,500	In Progress

P. Ramanujam

iii) Externally funded R & D projects sanctioned and carried out / In progress:

Dept.	Name of the Principal investigator	Title of the Project	Funding Agency	Duration	Sanctioned Amount (In Lakhs)	Amount Received (In Lakhs)	Amount Spent (In Lakhs)	Status
ME	Sri BVS Raghu Vamsi	Experimental and Finite Element Analysis of a plate with an edge Crack subjected to combined tension and bending in plane stress and plane strain condition	UGC	2 years	4.5	3.95	-	In Progress
	T. Narasaimha Suri	Additional Power generation from Waste energy of diesel engine using bottoming Rankine cycle with different working fluids – Performance analysis	UGC	2 years	4.5	3.95	-	In Progress
EEE	A. Amarendra	Enhancement of Power System Security Using Metaheuristic techniques	UGC	2 Years	4.40	4.30	4.00	In Progress
ECE	K. Sri Lakshmi	A novel approach for development of low power VLSI circuits for energy efficient pacemakers	UGC	2 Yrs.	4.35	3.5	Nil	In going
	B. Vamsi Krishna	Design and development of automatic public transportation system and traffic guidance system.	UGC	2 Yrs.	4.35	3.975	Nil	In going
CSE	S. Narayana	Agro-Advisory System for Cotton crop Farmers	UGC	2 years	0.60	0.45	Nil	In progress
	Mr. Ch. Suresh Babu	Precision Aquaculture using Wireless Sensor Networks	UGC	2 years	0.31	0.235	Nil	In progress
	K. Amruth Sagar	Development of a Technique to Control Insect Pest and Manage Diseases in Groundnut Crop	CSI	10 months	0.30	0.03	Nil	In progress

		based on Temperature and Climate						
IT	M.Naga Raju	“Development of new motion detection method using background matching mechanism and motion mask generation”	CSI	1 year	0.25	0.025	0.25	completed
MBA	S.Madhavi	“Changes in Consumer Buying Behaviour with the Advent of Organized Retailing in Krishna District”	UGC	2 Years	0.98	0.98	Nil	In progress

iv) Number of faculty registered for Ph.D:

Department								
CE	ME	EEE	ECE	CSE	IT	MBA	ENG	Total
-	-	1	6	5	-	3	3	18

v) Number of Ph.Ds guided / being guided:

Sl. No.	Name of the Faculty	Designation	Department	Number Guided	Number being Guided
1	Dr. S.R.K. Reddy	Professor	CE	1	2
2	Dr. M. Siva Kumar	Professor & Head	EEE	-	6
3	Dr. L. Ravi Srinivas	Professor	EEE	-	7
4	Dr. P. Nageswara Reddy	Professor & Principal	ME	1	-
5	Dr. A.V.N. Tilak	Professor & Dean R&D	ECE	1	3
6	Dr. M. Kamaraju	Professor & Head	ECE	-	6
7	Dr. G.V.S.N. R.V. Prasad	Professor & Dean AA	CSE	-	4
8	Dr. M.V.L.N. Raja Rao	Professor & Head	IT	-	2
9	Dr. G.S.Bhaskara Rao	Professor & Head	BS&H	-	1
Total :				3	36

vi) Patents Obtained: NIL

P. Nageswara Reddy

vii) Consultancy works undertaken and the amount received:

Name of the Department	Nature of Work	Name of the Organization	Fund Received
CE	Structural Design	ONGC	Rs.60,000/-
	Soil Investigation	ONGC	Rs.60,000/-
	Structural Design	Children's hospital	RS.30,000/-

E) Extension Services:

i) Participation in Societal development activities:

- The Management, Faculty, Staff and Students together contributed Rs.11,00,000/- to the HudHud cyclone affected people, on 4th January 2015.

ii) **Transfer of knowledge and skills to the needy people: NIL**

F) Publications:

i) Publications in National and International journals:

Name of the Department	Journal Publications		Conferences Publications		Book Publications
	National	International	National	International	
CE	-	18	-	-	-
EEE	-	39	01	12	-
ME	-	10	-	05	-
ECE	-	47	01	04	01
CSE	-	27	-	3	-
IT	-	05	-	01	02
BS&H	-	06	08	06	-
ENG	01		02	-	01
MBA	01	03	09	-	-
Total	02	137	21	31	04

G) Administration of the College and Departments

(i) **Office automation.**

ECAP software is in place for automation various administrative and academic activities. The ECAP software has the following modules.

Module	Features
Administration	<ul style="list-style-type: none"> • Fees for courses along with Due Dates & Fines. • Staff Logins and Resetting Passwords. • Complaints/Suggestions Received from Students/Staff • Posting of News/Events by Users. • Uploading of Students Data to College Website.
Academics	<ul style="list-style-type: none"> • Attendance & Marks Entry by Faculty. • Students' Attendance Analysis. • Student's Complete Profile in one single screen. • Teaching Plan and Topics Covered. • Messages/Assignments by Faculty to Students • Students Feedback. • Attendance Shortage Notices to Parents and Students. • Time Table & Faculty Teaching Assignments. • Academic Projects.

Pragmatics

(v) Maintenance of infrastructural facilities.

The Academic infrastructure and facilities provided in the college are maintained with proper mechanism and well defined procedures. The project engineer takes care of the maintenance task with the help of project officer, civil maintenance supervisor, general maintenance supervisor, electrical maintenance supervisor and other supporting staff. Project officer attends to the assigned work through the concerned supervisors and associated supporting staff. The regular maintenance of infrastructure and facilities is in place with specifically laid down guidelines and monitoring mechanisms. The specific issues of maintenance are communicated to the Principal through proper channel for necessary instructions to project engineer / project officer. The computer system, UPS and audio video visual system are maintained by hardware engineer under the supervision of faculty in charge

(vi) Internet and Intranet facilities.

- Entire campus is connected to the central server with OFC backbone.
- The campus is WiFi enabled.
- The college has 64 Mbps internet connectivity. Particulars are as given below

S.No.	Internet Type	Bandwidth
1	Leased line 1:1 (34 Mbps upload 34 Mbps download capability)	34 Mbps
2	NMEICT (National Mission for Education through Information and Communication Technology) (Shared by 400 Universities, 20,000 colleges) UGC Recognized Colleges / Institutes Scheme Bundled net	20 Mbps
3	NMEICT 20 Nos. 512 Kbps Broadband Internet connectivity (20x512 Kbps)	10 Mbps

- Internet facility is provided to all the faculty rooms, class rooms and computing laboratories.
- Department and Administrative offices are provided with exclusive 512Kbps Broadband internet connection.

(vii) Adherence to Quality Policy Document.

The college has quality document defining the policies for organization & governance, human resources, teaching learning process, industry – institute interaction, consultancy and R& D. All the stake holders adhere to the policies specified in the quality document.

P. N. Ganesan