



**UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

The Annual Quality Assurance Report (AOAR) of the IOAC

**JNTUK-UNIVERSITY COLLEGE OF
ENGINEERING VIZIANAGARAM**

2017-2018

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Part – A

1. Details of the Institution	
Name of the Institution	JNTUK-UNIVERSITY COLLEGE OF ENGINEERING
Name of the Head of the institution	Prof.K.Ramu
Designation	Principal
Does the institution function from own campus	Yes
Mobile no.	8978966855
Registered email	kramujntu@hotmail.com
Address	JNTUK University College of Engineering Vizianagaram – 535 003, AP, INDIA
City/town	Vizianagaram
State/UT	Andhra Pradesh
Pin code	535003
2. Institutional status	
University: State/Central/Deemed/Private	State
Type of Institution: Co-education/Men/Women	Co-education
Location : Rural/Semi-urban/Urban	Rural
Financial Status: Centrally funded/state funded/Private	State Funded
Name of the IQAC Co-ordinator/Director	Dr.R.Rajeswara Rao
Mobile	9959559456
IQAC e-mail address	rajaraob4u@gmail.com
3. Website address:	
Web-link of the AQAR: (Previous Academic Year):	www.jntukucev.ac.in
4 Whether Academic Calendar prepared during the year:	Yes
5.Date of Establishment of IQAC	2014
6. Internal Quality Assurance System	<ul style="list-style-type: none">➤ Conduct periodic audits of academic, administrative and research activities for quality assessment➤ Organizing Workshops, Seminars, awareness programs, Project Exhibition and Research activities➤ Emphasize faculty expertise to adopt the knowledge, technology and innovations for participatory teaching and learning process.➤ Collection of feedback from students, Analyze and suggest remedial actions

7. Whether composition of IQAC as per latest NAAC guidelines Yes/No	Yes
8. No. of IQAC meetings held during the year	2
9. Whether IQAC received funding from any of the funding agency to support its activities during the year?Yes/No	No
10. Significant contributions made by IQAC during the current year	<ul style="list-style-type: none"> ➤ Executed the academic audit as per the institutional norms to ensure the systems and processes are in place and subsequent corrective actions are initiated ➤ Preparation for Self Assessment Report ➤ Conducted workshops in all departments during the academic year 2017-2018 ➤ Released Decennial Magazine ➤ Facilitated the design framework for developing a well- curriculum under academic regulation 2016
11. Whether institutional data submitted to AISHE:	Yes
12. Does the Institution have Management Information System ?	Yes

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Details about Academic Programmes			
Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year			
Programme with Code	Dept	Course with Code	Date of Introduction
B.Tech(Civil Engineering)	CIVIL	01	2013
B.Tech(Metallurgical Engineering)	MET	31	2011
B.Tech(Electrical Engineering)	EEE	02	2007
B.Tech(Electronics and Communication Engineering)	ECE	04	2007
B.Tech(Mechanical Engineering)	ME	03	2007
B.Tech(Computer Science Engineering)	CSE	05	2007
B.Tech(Information Technology)	IT	12	2007
M.Tech(THERMAL ENGINEERING)	MECH	21	2017
M.Tech(Machine Design)	MECH	15	2013
M.Tech(SSP)	ECE	45	2013
MTech(Power systems and automation)	EEE	50	2013
M.Tech(Material Science & Technology)	MET	24	2017
M.Tech. (CSE)	CSE	58	2009
M.Tech(IT)	IT	-	2009
MCA	IT	1F	2010
1.2 Feedback System			
1.2.1 Whether structured feedback received from all the stakeholders.			
1) Students	2) Teachers	3) Employers	4) Alumni
Yes	Yes	Yes	Yes
1.2.2 How the feedback obtained is being analyzed and utilized for overall development of the institution?			
The JNTUK-UNIVERSITY COLLEGE OF ENGINEERING has developed a formal mechanism to get feedback from students regarding teacher performance. Feedback on curriculum is obtained from students, faculty, industry, alumni and retired faculty. The			

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The consolidated feedback received from various stakeholders over a period of of time, preferably once in six months are placed before the respective Board of Studies (BoS) for necessary discussion after having feedback analysis with internal members of BoS. Accordingly the changes are made for the final approval by the Academic Council. The I.Q.A.C. of the JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM closely monitors the execution of the formal mechanism designed for collection of feedback on curriculum.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

Name of the Programme	Number of seats available	Students Enrolled
B.Tech(Civil Engineering)	33	31
B.Tech(Metallurgical Engineering)	33	27
B.Tech(Electrical Engineering)	66	60
B.Tech(Electronics and Communication Engineering)	66	59
B.Tech(Mechanical Engineering)	66	59
B.Tech(Computer Science Engineering)	66	60
B.Tech(Information Technology)	66	59
M.Tech(THERMAL ENGINEERING)	20	14
M.Tech(Machine Design)	20	--
M.Tech(SSP)	20	13
MTech(Power systems and automation)	20	12
M.Tech(Material Science & Technology)	20	12
M.Tech. (CSE)	20	12
M.Tech(IT)	20	--
MCA	33	33

2.2 Teaching - Learning Process				
Total No. of permanent faculty:				
Total	Asst. Professors(C)	Asst. Professors	Associate Professors	Professors
97	55	29	Nil	13
No. of permanent faculty with Ph.D: <input type="text" value="21"/>				
2.2.1 Students mentoring system available in the institution? Give details. (maximum 500 words)				
<p>1. Mentoring system is in place for students and 15-20 students are assigned to each faculty to support and guide the students for development.</p> <p>2. The mentees are counseled 3 to 4 times in a semester and special attention is paid on a mentee if required.</p> <p>3. Academic progress of the students is continuously monitored before and after every examination and the slow learners are supported with extra inputs.</p> <p>4. The issues are escalated based on the seriousness of the problem and also ensures proper support to resolve the issues</p> <p>5. The Placement Officers are arranging on-campus interviews in coordination with various corporate offices, industries and organizations for final placements</p> <p>Apart from placements and classroom counseling, the following are a few measures which JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM adopts to encourage and guide the students in rural,</p> <p>Pre-admission counseling, Orientation programmes, Ragging free campus, Hostel accommodation, Remedial classes, Infrastructural support, Health care, Physical fitness, Socialization, enhancing research capabilities and Service personality. The college is providing scholarships to 80% of its students.</p>				
Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio		
1576	97	1:16		
2.3 Evaluation Process and Reforms				
2.3.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year				
Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
UG	All UG programmes	I SEMESTER	30.12.2017 to 18.12.2017	One month from last date of exam
		II SEMESTER	05.05.2018 to 10.06.2018	
		III and V SEMESTER	23.10.2017 to 04.11.2017	One month from last date of exam
		VII SEMESTER	30.10.2017 to 11.11.2017	One month from last date of exam
		IV ,VI, VIII SEMESTER	02.04.2018 to 14.04.2018	One month from last date of exam
PG(MCA)	MCA	I SEMESTER	18.12.2017 to 30.12.2017	Two months from last date of exam

	MCA	II SEMESTER	02.07.2018 to 14.07.2018	Two months from last date of exam
	MCA	III SEMESTER	23.10.2017 to 04.11.2017	Two months from last date of exam
	MCA	IV SEMESTER	02.04.2018 to 14.04.2018	Two months from last date of exam
	MCA	V SEMESTER	23.10.2017 to 04.11.2017	Two months from last date of exam
	MCA	VI(Vivo Voce)	02.04.2018 to 14.04.2018	Two months from last date of exam
PG(MTECH)	All PG courses	I SEMESTER	17.01.2018 to 29.01.2018	Two months from last date of exam
		II SEMESTER	02.07.2018 to 14.07.2018	Two months from last date of exam

2.3.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
UG	ALL UG programs	745	712	95.57
PG	All M.Tech Programs	62	54	87.09
	All MCA Programs	18	16	88.88

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the Innovation	Name of the Awardee	Awarding Agency	Date of Award
Outstanding faculty in engineering	Dr.V.S.Vakula	Venus International Foundation, Chennai in 2017	2017
Bharat vidhya rattan	Dr.V.S.Vakula	International Business Council, New Delhi	2017
Jewel of india for intellectual people	Dr.V.S.Vakula	Individual Contribution for social Development at Panjim , Goa	January 2018.
MARQUIS	Dr.K.C.B.Rao	MARQUIS Who is WHO in the world	2018
Best Researcher	Dr.Ch. Srinivasarao	JNTUK	2018

Award							
3.2 Books and Chapters in edited Volumes / Books published per Teacher during the year							
S.No	Dept.	Books Published	Book Chapters	Patents	Resource persons	Guest lectures	
1	CSE	--	--	--	--	14	
2	IT	--	--	--	--	--	
3	EEE	--	--	--	--	--	
4	ECE	--	--	--	05	03	
5	ME	--	--	--	--	--	
6	MET	--	--	--	--	--	
7	CIVIL	--	--	--	--	--	
8	BS&H SS	2	--	--	1	--	
3.3 Faculty participation in Seminars/Conferences and Symposia during the year : 2017-2018							
No. of Faculty	Attended Seminars/ Conferences	No. of publications		FDP/RC/TRAINING PROGRAM/WORKSHOP			
		Papers	Articles	FDP	RC	OC	TP/STTP/WS
	Seminar/ Conferences						
CSE	03	05	--	06	--	--	28
IT	12	12	--	24	--	--	--
EEE	--	25	--	04	01	--	--
ECE	05	46	--	10	01	--	06
ME	30	43	--	03	--	--	16
MET							
CIVIL	--	02	--	--	--	--	01
BS/HSS	10	10	--	--	--	--	07
3.4 Extension Activities							
3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year							
S.No.	Name of the NSS Activity	Schedule					
		From	To				
1	Plantation Programme	14-07-2017	--				
2	Dental campaign	09-11-2017	--				
3	LLR mela	29-11-2017	--				

4	Awareness Programme on Road Safety	06-01-2018	--
5	International day of Yoga-2018	21-06-2018	--

3.4.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

CSE

S.No	Roll Number	Name of the Student	Name of the firm	Location	CTC
1.	14VV1A0518	ParvataReddy Sai Prasanna Lakshmi	ECIL	Hyderabad	Un Paid
2.	13VV1A0527	Ravikiran Palanchu	Sunera eSeal India Private Limited	Hyderabad	12,000

EEE

S.no.	Roll no.	Name of the student(s)	Industry visited	Dates of visit	Title of the report submitted
1	15vv1a0220	G.mohana venkata sai krishna	Vizag steel plant	13/11/2017-25/11/2017	Distribution networking
2	15vv1a0248	L.ravi nisha	Vizag steel plant	13/11/2017-25/11/2017	Electro technical laboratory
3	16vv5a0261	D.mounika	Vizag steel plant	13/11/2017-25/11/2017	Electro technical laboratory
4	15vv1a0244	E.kavyasri	Vizag steel plant	13/11/2017-25/11/2017	Electro technical laboratory
5	15vv1a0247	B.mounika	Vizag steel plant	13/11/2017-25/11/2017	Electro technical laboratory
6	15vv1a0219	S.nasar jilani	Vizag steel plant	13/11/2017-25/11/2017	Electrical repair shop
7	15vv1a0223	P.bhargav raj	Vizag steel plant	13/11/2017-25/11/2017	Electrical repair shop
8	15vv1a0201	M.sahera begum	Vizag steel plant	13/11/2017-25/11/2017	Electrical repair shop
9	15vv1a0214	Y.chandra kala	Vizag steel plant	13/11/2017-25/11/2017	Electrical repair shop
10	15vv1a0203	Ch.pavani geetha	Vizag steel plant	13/11/2017-	Distribution

				25/11/2017	on networki ng
11	15vv1a0235	Ch.harsa vardini	Vizag steel plant	13/11/2017- 25/11/2017	Distributi on networki ng
12	15vv1a0221	M.vijaya sri santhoshi	Vizag steel plant	13/11/2017- 25/11/2017	Distributi on networki ng
13	15vv1a0206	G.amruth kumar	Vizag steel plant	13/11/2017- 25/11/2017	Central maintena nce (electrica l)
14	15vv1a0209	R.s kiranmayi	Vizag steel plant	13/11/2017- 25/11/2017	Central maintena nce (electrica l)
15	15vv1a0240	S.kumar	Vizag steel plant	13/11/2017- 25/11/2017	Central maintena nce (electrica l)
16	15vv1a0238	M.b.k.akarsha	Vizag steel plant	13/11/2017- 25/11/2017	Central maintena nce (electrica l)
17	15vv1a0207	G.bhargav naidu	Vizag steel plant	13/11/2017- 25/11/2017	Central maintena nce (electrica l)
18	15vv1a0222	K.divya kamali	Vizag steel plant	13/11/2017- 25/11/2017	Wire rod mill
19	15vv1a0229	G.surya teja	Vizag steel plant	13/11/2017- 25/11/2017	Wire rod mill
20	15vv1a0233	V.venu madhavi	Vizag steel plant	13/11/2017- 25/11/2017	Wire rod mill
21	15vv1a0236	Y.v.m.swathi	Vizag steel plant	13/11/2017- 25/11/2017	Wire rod mill
22	16vv5a0265	G.luke daniel	Vizag steel plant	13/11/2017- 25/11/2017	Wire rod mill
23	15vv1a0225	T.anil kumar	Vizag steel plant	13/11/2017- 25/11/2017	Thermal power plant
24	15vv1a0232	D.david sagar	Vizag steel plant	13/11/2017- 25/11/2017	Thermal power plant
25	15vv1a0234	Y.s.sai baswanth	Vizag steel plant	13/11/2017-	Thermal

				25/11/2017	power plant
26	15vv1a0242	P.sai pavan kumar	Vizag steel plant	13/11/2017-25/11/2017	Thermal power plant

METALLURGY

Sl.No	Name of the student	ROLL NUMBER	Name of the organization	Duration
1	D.HEMNTH KUMAR	14VV1A3101	Vizag Steel Plant	01-05-2017 to 28-05-2017
2	S.VENKATA LOHIT	14VV1A3102	Vizag Steel Plant	01-05-2017 to 28-05-2017
3	V.KOMARITHA SREE	14VV1A3103	Vizag Steel Plant	01-05-2017 to 28-05-2017
4	N.MANI KANTH	14VV1A3104	Vizag Steel Plant	01-05-2017 to 28-05-2017
5	D.V.V.S.CHAKRA DHAR	14VV1A3105	Vizag Steel Plant	01-05-2017 to 28-05-2017
6	B.MANOJ KUMAR	14VV1A3106	Vizag Steel Plant	01-05-2017 to 28-05-2017
7	P.SIRISH	14VV1A3107	Vizag Steel Plant	01-05-2017 to 28-05-2017
8	G.HARIKA	14VV1A3108	Vizag Steel Plant	01-05-2017 to 28-05-2017
9	R.DILIP KUMAR	14VV1A3109	Vizag Steel Plant	01-05-2017 to 28-05-2017
10	CHLPHANI	14VV1A3110	Vizag Steel Plant	01-05-2017 to 28-05-2017
11	K.RATNA PRIYANKA	14VV1A3111	Vizag Steel Plant	01-05-2017 to 28-05-2017
12	D.SATYA HEMANTH	14VV1A3112	Vizag Steel Plant	01-05-2017 to 28-05-2017
13	M.MANOJNA RAJ	14VV1A3113	Vizag Steel Plant	01-05-2017 to 28-05-2017
14	K.SIRISHA	14VV1A3114	Vizag Steel Plant	01-05-2017 to 28-05-2017
15	P.NAVYA SHREE	14VV1A3115	Vizag Steel Plant	01-05-2017 to 28-05-2017
16	P.MOHANA HARIKA	14VV1A3116	Vizag Steel Plant	01-05-2017 to 28-05-2017
17	P.DEVI PRIYA	14VV1A3117	Vizag Steel Plant	01-05-2017 to 28-05-2017
18	K.R.S.T.CHARAN	14VV1A3119	Vizag Steel Plant	01-05-2017 to 28-05-2017
19	G.SAMHITA	14VV1A3120	NML Jamshedpur	01-05-2017 to 15-06-2017
20	N.DEVI PRASANNA	14VV1A3121	Vizag Steel Plant	01-05-2017 to 28-05-2017
21	K.CHETAN AKASH	14VV1A3122	Vizag Steel Plant	01-05-2017 to 28-05-2017

22	T.DAMODAR NAIDU	14VV1A3123	NML Jamshedpur	01-05-2017 to 15-06-2017
23	SK.RIZWAN AALAM	14VV1A3124	Vizag Steel Plant	01-05-2017 to 28-05-2017
24	M.MOUNIKA	14VV1A3125	Vizag Steel Plant	01-05-2017 to 28-05-2017
25	SK.FEROZ	14VV1A3126	Vizag Steel Plant	01-05-2017 to 28-05-2017
26	S.SAI KUMAR	14VV1A3127	NML Jamshedpur	01-05-2017 to 15-06-2017
27	D.HEMA SUNDAR	14VV1A3128	Vizag Steel Plant	01-05-2017 to 28-05-2017
28	U.KAVYA SRI	14VV1A3129	Vizag Steel Plant	01-05-2017 to 28-05-2017
29	D.SARATH KUMAR	15VV5A3131	Vizag Steel Plant	01-05-2017 to 28-05-2017
30	D.HEMA LATHA	15VV5A3132	Vizag Steel Plant	01-05-2017 to 28-05-2017
31	G.VIJAY KUMAR	15VV5A3133	Vizag Steel Plant	01-05-2017 to 28-05-2017
32	CH.SANTHOSH	15VV5A3134	Vizag Steel Plant	01-05-2017 to 28-05-2017

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Library as a Learning Resource

4.1.1 Library Services:

S.NO	Name of Branches	No of titles	No of volumes	Total Amount
1	Civil	12	71	24,113-60
2	EEE	11	55	20,832-00
3	Mech	6	57	30,274-00
4	ECE	NIL	NIL	NIL
5	CSE	8	35	16,310-00
6	IT	6	37	15,570-10
7	Metallurgy	12	39	17,859-00
8	Bs&HSS	13	95	22,039-50

4.2 IT Infrastructure added for 2017-2018

4.2.1 Technology Upgradation (overall)

	Total Computer s	Com p uter Lab s	Intern et	Of fic e	Departments							Availab Band (MBPS)
					IT	CSE	M E T	CIV IL	EE E	EC E	BS & HSS	
Existing	532	10	yes	42	132	162	5	2	36	75	78	150MBPS
Added	--	--	yes	--	--	--	--	--	--	-	--	-
Total	10	10	yes	42	490							150MBPS

4.2.2 Bandwidth available of internet connection in the Institution (Leased line)

College:150MBPS connectivity and BSNL Network (Leased line)

Library:10 MBPS NKM(National Knowledge Mission)

4.3 Maintenance of Campus Infrastructure

4.3.1 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Every year, resources are allocated both for maintenance and development depending on the requirement of Departments on a priority basis to ensure that the programmes offered by them are successful. Whenever a new equipment is bought, a stock register is maintained duly signed by the head of the department or laboratory incharge.

Any new book or equipment is purchased for library, the honorary library in charge will maintain the stock as and when needed. The maintenance of all the general amenities like drinking water, UPS, Roads Street lights, Washrooms, Canteen is undertaken by the EO from time to time. all the laboratories are supported with UPSs. Maintenance of the housekeeping and horticulture across the campus is taken up through an outsourcing agency. Library has a policy to issue and returns of the books for students and faculty. The sports complex, Gym, and all other play rounds are seasonally maintained facilitating uninterrupted facilities for the conduct of sports and games. : All the academic facilities are made available for the effective utilization of students and staff. The campus being residential, laboratory and theory class schedules are done in an optimistic way to ensure the resources are used effectively 24x7. The different laboratory courses are provided to the students in a staggered manner for maximum utilization of the laboratory hours. The common computing facilities in the departments are provided with a schedule for occupancy ensuring effective utilization of the students from all the years. A separate logbook is maintained in each laboratory for ensuring the above systems. For effective utilization of the Gym and sports facilities, different time slots are allocated for both boys and girls

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

S.No	Year	Name of the Scholar	Caste	Total No. of Students	Total amount Released MTF/RTF	100 %	75%	50 %	25%
1	2017-18	JNANABHU MI (State)	SC	112	27,70,720	99	11	2	0
			ST	35	9,78,420	35	1	1	0
			BC	505	1,15,88,372	468	26	11	0
			DW	2	37916	2	0	0	0
			EBC	132	15,82,975	114	6	12	0
			MW	51	10,60,125	44	5	1	0
			KAPU	48	4,06,981	43	5	0	0
		NSP (Central)		21					
			KAPU	34	1,72,302	0	34	0	0
	NSP (Central)		35						

5.1.2 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year :

The Women Empowerment and Grievance Cell (WE& GC) @ JNTUK-UCEV has been constituted to empower and safeguard the rights of female fraternity of this College. It was started to empower female fraternity to recognize their true potentials to attain their own stand in a competing world. The WE& GC works to promote gender sensitivity in the college and conduct diverse programmes to educate, sensitize both male and female members, and produce harmonious atmosphere on the campus. It works for the welfare of the students and faculty towards preparing them into competent professionals to take up greater challenges in the academic sphere.

Its aim is to create awareness about important issues related to female fraternity to provide a forum for discussion and deliberation on a range of issues from empowerment to environment.

It seeks to empower young women to attain emotional, physical and mental freedom to withstand the changing phases which thrives mile stones of success in their life.

WE & GC functions with the added aim to enhance self-esteem and dignity of female fraternity and empower them in taking pertinent decisions.

5.2 Student Progression

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

ECE

S.No	Student Name	Enrollment No	Employee Name	Rank
1	NIHARIKA CHINTA	14VV1A0455	GRE	147
2	ADIMULAM KINNERA	14VV1A0430	GATE	486
7	G PRINCY	14VV1A0424	GATE	462

EEE

S.No	Name of the student	NET/SET/SLET/GATE/GMAT/CAT/GRE/
1.	G.Vamsi Priya	GATE-2018
2.	CH.Triveni	GATE-2018
3.	CH.PremKumar	GATE-2018
4.	V.Ramya	GATE-2018
5.	G.Vamsi Priya	GATE 2018
6.	Ch.Triveni	GATE 2018
7.	CH.Prem Kumar	GATE 2018
8.	V.Ramya	GATE 2018

IT

S.No	Name of the student	GATE/GMAT/CAT/GRE//GMAT/CAT/GRE/TOFEL
1.	15VV1A1257	AVUTAPALLI CHARISHMA GRE
2.	14VVA1237	G. Parwateeswar GATE
3.	14VV1A1251	P. Kunal Rishi GATE
4.	14VV1A1238	J. Hari Charan GATE
5.	14VV1A1241	A. Sai santosh GATE
6.	14VV1A1217	K.purnchandrika GATE
7.	14VV1A1204	G. Revathi GATE
8.	14VVA1223	Ch. Harshini GRE
9.	14VV1A1215	K. Rakshit Alfred GRE

5.2.4 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

JNTUK Zone -A Inter Collegiate Tournament 2017-2018

S.No	Name of the Event	Team	Duration	Organized by
1	Badminton	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
2	Kho-Kho	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
3	Table Tennis	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
4	Kabaddi	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
5	Volleyball	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
6	Basket ball	Men	27 th to 28 th January 2018	Vignan's Inst of Info Visakhapatnam
7	Cricket	Men	27 th to 31 st January 2017	JNTUK-UCEV

2. JNTUK Central Zone Inter Collegiate Tournament 2017-2018

S.No	Name of the Event	Team	Duration	Organized by
1	Badminton	Men	9 th to 10 th March 2018	Institute of Engineer Satenapalli, Guntur D
2	Kho-Kho	Men	9 th to 10 th March 2018	Institute of Engineer Satenapalli, Guntur D
3	Chess	Men	9 th to 10 th March 2018	Institute of Engineer Satenapalli, Guntur D
4	Ball Badminton	Men	9 th to 10 th March 2018	Institute of Engineer Satenapalli, Guntur D

3. JNTUK Central Girls Single Zone Games 2017-2018

S.No	Name of the Event	Team	Duration	Organized by
1	Volley ball	Women	2 nd to 4 th March 2018	Aditya Engineering C
2	Chess	Women	2 nd to 4 th March 2018	Aditya Engineering C
3	Kabaddi	Women	2 nd to 4 th March 2018	Aditya Engineering C
4	Table Tennis	Women	2 nd to 4 th March 2018	Aditya Engineering C
5	Kho-Kho	Women	2 nd to 4 th March 2018	Aditya Engineering C
6	Ball Badminton	Women	2 nd to 4 th March 2018	Aditya Engineering C
7	Throw Ball	Women	2 nd to 4 th March 2018	Aditya Engineering C

8	Basket ball	Women	2 nd to 4 th March 2018	Aditya Engineering C		
4. Participated in Others Collage 2017-2018						
S.No	Name of the Event	Team	Duration	Organized by		
1	Cricket	Men		Eenadu Distract Crick		
5. JNTUK, Athletics Inter Collegiate Tournament 2017-2018						
S.No	Name of the student	Name of the Event	Team	Duration	Organized by	Results
1	S.Thanusha	Long Jump	Men	2 nd to 4 th March 2018	Aditya Engineering College, Surampalem	Bronze
2	Y.Sankara Rao	400Mts 4X400Relay	Men	2 nd to 4 th March 2018	Aditya Engineering College, Surampalem	2 Gold Medals
3	K.Praveen Chandu	4X400Relay	Men	2 nd to 4 th March 2018	Aditya Engineering College, Surampalem	1Gold Medal
4	A.Venu Prasad	4X400 Relay	Men	2 nd to 4 th March 2018	Aditya Engineering College, Surampalem	1 Gold Medal
5	Ch.Naidu	4X400Relay	Men	2 nd to 4 th March 2018	Aditya Engineering College, Surampalem	1Gold Medal
Note:Y. Sankara Rao Men Category individual Overall championship .JNTUK, Athletics Inter Collegiate Tournament 2017-2018						
6. University and national level 2017-2018						
S.No	Name of the Student	Event	Branch	Duration	Organized	Result
1	Y.Sankara Rao	Athletic	CSE	12 th to 16 th December 2017	Acharya Nagarjuna University AP	Participated
2	Y.Sankara Rao	Kho-Kho	CSE	17 th to 20 th January 2018	University Mysore	Participated
3	S.Naga Varma	Kho-Kho	EEE	17 th to 20 th January 2018	University Mysore	Participated
4	B.Sai Kiran	Air Rifle Shooting	EEE	10 th to 14 th November 2017	Guru Nanak Dev University Amritsar	Participated
5	Ch Narsu Naidu	Air Rifle Shooting	EEE	10 th to 14 th November 2017	Guru Nanak Dev University Amritsar	Participated
6	P. Rahul	Badminto	IT	6 th to 10 th	KL University	Participated

	Kishore	n		December 2017	Guntur	
7	M.Bhargavi	Ball Badminton	IT	5 th to 9 th February 2018	Yogi Vamana University, Kadapa	Participated
8	N.Jyothi	Hand ball	CSE	8 th to 11 th December 2017	Kakatiya University Warangal	Participated
9	A.Pavan Kumar	Archery	IT	26 th to 31 st December 2017	KIIT Univeristy, Bhubanessar	Participated
10	M.Dillesh Kumar	Hockey	Mechanical	22 nd to 28 th January 2018	Bangalore University Bangalore	Participated
11	G.VenkataSarith	Hockey	EEE	22 nd to 28 th January 2018	Bangalore University Bangalore	Participated
12	V.Pranavanadha	Chess	IT	19 th to 22 nd October 2017	Anna University Chennai	Participated

S.No.	Name of the Student	Name of the Award
1	A.V.N.Satya Praveen	Pratibha Awards
2	V.Nagma	Pratibha Awards
3	T.DivyaSree	Pratibha Awards
4	T Deepthi	Pratibha Awards
5	D.Sobha Rani	Pratibha Awards
6	Sk.Fathima	Pratibha Awards
10	G.Sai Ramya Sri	Gold Medalists
11	Karunakaram Poorna	Gold Medalists
12	Satya Praveen Avupati	Gold Medalists
13	Sandhya Rani	Gold Medalists
14	Maha Jyothi	Gold Medalists

list of Papers presented in Conferences:

S.No	Name of the Department / University/ Institute	Name of the Student	Number of Paper Presented
1	ECE/JNTUK/UCEV	R.Sri Pooja, 14VV1A0437	Research challenges in Opinion mining IIT-Kharagpur, Jan 27-29,2017
2	ECE/JNTUK/UCEV	SushmithaMuvva	Paper presentation in IIT Bhubaneswar
3	ECE/JNTUK/UCEV	A.Bhagya Rekha 14VV1A0445	Presented a paper on the "Photonics" in the tech fest conducted IIT Bhubaneswar
4	ECE/JNTUK/UCEV	Sk.Fathima- 15VV1A0469	Participated in paper presentation Bhubaneswar tech fest
5	ECE/JNTUK/UCEV	14VV1A0418	Presented a paper on the topic Wireless sensors in Klissenere 2K17 at Bhubaneswar

6	ECE/JNTUK/UCEV	N.N.S. Jhari- 14VV0432	Presented a paper on OLED at IIT Bhubaneswar and achieved 2 nd prize for that paper
7	ECE/JNTUK/UCEV	A. Anuragh -16VV5A0463	IOT Paper presentation in JNTUK Fest
8	ECE/JNTUK/UCEV	M. Chandan Swamy- 15VV1A0439	Project presentation-pollution control of Vehicles Recent trends in Communication

S.No.	Name of the Department University/ Institute	Name of the Student	Achievements
1	ECE/JNTUK/UCEV	<u>Ch. Bhargav</u>	<u>Eenadu Tournament Cricket District Winner</u>
2	ECE/JNTUK/UCEV	<u>A.Chandra Sekhar</u>	<u>Hockey University Cricket Player</u>
3	ECE/JNTUK/UCEV	<u>Sai Krishna</u>	<u>Hockey University Cricket Player</u>
4	ECE/JNTUK/UCEV	<u>T.Vamsi Krishna</u>	<u>Kabaddi University Player</u>
5	ECE/JNTUK/UCEV	<u>T.Sruthi</u>	<u>Kabaddi University Player</u>
6	ECE/JNTUK/UCEV	<u>G.Anil Kumar</u>	<u>Gold medal in zonal Kho-kho</u>

5.2.3 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year :

The Women Empowerment and Grievance Cell (WE& GC) @ JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM has been constituted to empower and safeguard the rights of female fraternity of this College. It was started to empower female fraternity to recognize their true potentials to attain their own stand in a competing world. The WE& GC works to promote gender sensitivity in the college and conduct diverse programmes to educate, sensitize both male and female members, and produce harmonious atmosphere on the campus. It works for the welfare of the students and faculty towards preparing them into competent professionals to take up greater challenges in the academic sphere.

Its aim is to create awareness about important issues related to female fraternity to provide a forum for discussion and deliberation on a range of issues from empowerment to environment.

It seeks to empower young women to attain emotional, physical and mental freedom to withstand the changing phases which thrives mile stones of success in their life.

WE & GC functions with the added aim to enhance self-esteem and dignity of female fraternity and empower them in taking pertinent decisions.

Total grievances Received	No. of grievances Redressed	Average number of days for grievance redressal
2	2	10

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

JNTUK University College of Engineering Vizianagaram is one of the constituent Engineering Colleges of JNTUK playing a vital role in imparting Technological Education in the state of Andhra Pradesh since its establishment in the year 2007. The state-of-the-art campus is spread across 80 Acres in Dwarapudi panchayat at a distance of 8 KMs from Vizianagaram. It functions under the directions of Executive Council, Vice chancellor and Registrar of JNTU Kakinada. Principal is the executive head of the institution and Chairman of the College academic committee comprising all professors and heads of the departments. The Vice Principal, Heads of the departments and Members of College academic committee help in academic administration and effective functioning of the Institution.

Vision

To emerge as a premier technical Institution in the field of engineering and research with a focus to produce professionally competent and socially sensitive engineers capable of working in a multidisciplinary global environment.

Mission

To provide high quality technical education through a creative balance of academia and industry by adopting highly effective teaching learning processes

To promote multidisciplinary research with a global perspective to attain professional excellence

To establish standards that inculcate ethical and moral values that contribute to growth in the Career and development of society.

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Teaching and Learning : The academic schedule and teaching plans are formulated in advance and conducted meticulously during the academic year 2017. In most of the programs, student workshops, assignments, projects, field work and internships are part of the curriculum. Students are given academic guides to communicate outside classrooms. Advanced learners and research students collaborate with faculty members on research projects. Special awards are recognized and presented to meritorious students. Student input on teacher success is routinely obtained and evaluated, and steps are taken to enhance the consistency of the teaching learning process based on that.

The following are the key factors contributing to the effectiveness of teaching-learning and evaluation.

- Differential methods to promote slow learners and advanced learners
- Efficient implementation of schedules and teaching plans for academics
- Involving industry and other research and academic institutions' experts
- Extensive use of ICT outside classrooms in teaching and learning
- Relationship between Mentor and Mentee
- Student participation in organizing academic programs
- Student seminars, student events and contests, student participation in national level seminars and conferences and competitions to promote creative thinking and desired competencies.

Examination and Evaluation: Two midterm examinations and one Semester end examination are conducted.

- For all PG Courses, double valuation.
- Revaluation and challenge assessment are permitted.
- The student is provided with a photocopy of the script on request.
- Publication of outcomes within 1 month.
- Tatkal Certificate Issue Scheme.
- Online publication of observations
- Improved security capabilities for online and offline certificate generation.

Research and Development :

- Creating interdisciplinary and multidisciplinary research teams.
- Conference organizations/seminars/workshops/training programs.
- Sponsoring faculty for conferences/workshops/seminars.
- Encouraging faculty to buy projects.
- Establishment of commissions and college committees for department study.
- Inviting Fellows to come.
- Creating awareness among research students and community on SCOPUS indexing and other parameters like h-index etc.

Encouraging staff and students to publish only in reputed and peer reviewed journals

Library, ICT and Physical Infrastructure / Instrumentation:

1. The printed books, national and international journals on various subjects of reputed publishers to enhance the advanced knowledge and skills of students and faculty.
2. The commutative entrance books, magazines, news papers, placement and personality development books for updating their knowledge.
3. The e-resources of e-journals, e-books, video lectures (like NPTEL), audio lectures of various publisher are made available in the Digital Library for effective teaching learning process
4. The Learning materials, Previous Question Papers, Project Reports of all departments are made available in the Central Library and Department libraries.
5. DELNET Facility is available in the central library.

Human Resource Management : JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM is having structured quality improvement strategy to train the pool of human resource.

- By attending and organizing conferences/seminars/workshops/training programs, it promotes its faculty to improve their teaching and research skills.
- To develop their expertise, JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM has arranged many training programmes for faculty and non-teaching staff.

JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM has introduced faculty exchange programs to provide faculty members the ability to meet and communicate with reputable foreign research organizations.

Industry Interaction / Collaboration: JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM has interactions and partnerships in India and abroad with renowned research organizations, industries and institutions.

Admission of Students : The JNTUK-UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM has an admission system that is well organized and transparent. In accordance with the rank obtained in the Common Entrance Test or marks obtained in qualifying examinations and in accordance with the rule of reservation as stated by the Government of Andhra Pradesh, all admissions are based on merit. The whole process of admission is computerized. Candidates seeking admission are expected to submit applications online and to take part in the University Entrance Exam. The admission process will take place based on the choices provided by the candidates. Admission counseling is arranged in order to assist the students in choosing the course and associated colleges, if any.

6.2.2 : Implementation of e-governance in areas of operations:

- ❖ Planning and Development : In progress
- ❖ Administration : Partially
- ❖ Student Admission and Support: Student admission/ counselling are done online. A separate office and a nodal officer are appointed by the authorities for smooth conduct of the admissions. All UG and PG admissions are made online
- ❖ Examination : Pre and post examinations are made online. Enhanced security features for original degrees.

6.3 Faculty Empowerment Strategies

1.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year Welfare Schemes for

Teaching(REGULAR)	Yes, PF, Group Medical Insurance, Financial assistance for acquiring Ph.Ds, Special leaves, health centres, staff quarters, CPF
Teaching(CONTRACT)	Yes, Financial concession of admission of candidates Ph.Ds in health centres, staff quarters
Non teaching	Yes ,PF, Group Medical Insurance, health centres, life insurance s
Students	Yes ,24×7 Medical assistance, Placement assistance, Student Coaching for higher studies and Competitive Exams, health, library, sports, e-lea facilities

6.3.1 Institution conducts internal and external financial audits regularly (with in 100 words each) Yes.

Yes, AAA will be done by IQAC internal and external committee members

6.4 Internal Quality Assurance System

6.4.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	No	YES	AU Senior Professors

6.4.2 Activities and support from the Parent – Teacher Association (at least three)

- The parents are periodically apprised about the department activities through students and mails.
- The feedback back from parents various academic and non academic activities are collected and analyzed.
- The orientation programmes are organized in each college for which the parents are also invited at the starting of the academic year.
- The University bodlies and maintains a holistic relationship between teachers and parents which can improve the quality of education and it adopts several initiatives in this direction.

6.4.3 Development programmes for support staff (at least three)

- Training programs on Personality Development
- 2. Workshops for skill upgradation
- 3. Motivational talks to enhance interpersonal skills

6.4.4

Submission of Data for AISHE portal : (Yes /No) YES

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 “ Encouragement to Faculty for Pursuing Ph. D and Research Publications”

Encouraging faculty to register for Ph.D Programs at reputed institutes like IITs, NITs, Government Universities etc. For Registered candidates, the Institution provides Academic leaves with financial assistance for attending Ph.D course work.

- The Academic Leaves are sanctioned for conducting scientific discussions from time to time.
- Sponsoring faculty members through the required help at various workshops, national and international conferences/seminars in India and abroad.
- An academic leave of up to six months is sanctioned at the submission stage of the Ph.D.
- Incentives for Research Publications in Reputed Journals.
- In-house research funding is provided for the promotion of R&D.

List of Faculty Members Benefited.

S.No	Details	No. of Faculty Benefited
1	No. of Faculty Registered for Ph.D Programs	--
2	No. of Faculty availed/availing Academic Leaves for Ph.D course work	02
3	No. of Faculty participated in Workshops/Conferences/Seminars	97

	4	No. of Faculty awarded Ph.D degrees	21	
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7.2. Best Practice II

- Implementing a teacher-student is to poor performers towards excellence and slow learners to achieve the minimum standard of qualification.
- Students are motivated to maintain a strong academic track record by encouraging them to be aware of the new technical advances. Imparting practical exposure to students in latest technologies by arranging industrial visits/in-plant trainings.
- Students are allowed to share their ideas , by allowing them to present papers at various National / International conferences.
- To give students practical exposure to the latest technologies through the organization of industrial visits/in-plant training. Different personality development and soft skill training programs are conducted in order to turn students into the future leaders of the society of tomorrow.
- Constant motivation of students to create new ideas relating to social problems.

7.3 Best Practice III

To inculcate the social responsibility, leadership and organizational skill among students,

following are some of the practices:

- By involving students to understand the ethos of rural life and its issues through surveys, several social service camps are organized periodically in the nearby villages.
- Plantation, Blood Donation Camps on various social stigmas.

8. Future Plans of action for next academic year

the following are the plans for the forthcoming academic year 2017-2018.

JNTUK-UNIVERSITY COLLEGE OF ENGINEERING is designed to adopt, to change, to be applied from time to time in order to recognize the objectives and achieve the goals not only to sustain and maintain the current status, but also to ensure that the college is constantly upgraded to stand on par with every other institution of higher education in the region.

- Centralized computational laboratories are to be strengthened
- Departmental libraries are to be strengthened.
- The value-based education framework is being further reviewed and encouraged.
- Promoting for E-office
- Study facilities are improving and also fostering a safe environment of research.
- To grow into a paperless workplace.
- Promoting for E-office


IQAC Coordinator
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Principal
Principal
JNTUK University College of Engineering
Vizianagaram