

Annual Quality Assurance Report (AQAR) For the Academic Year 2016-17

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No.1075, Opp:NLSIU, Nagarbhavi, Bangalore- 560 072 India



Internal Quality Assurance Cell (IQAC)

R.V.R & J.C College of Engineering(Autonomous)

Accredited by NBA and NAAC with 'A' Grade

Affiliated to Acharya Nagarjuna University, Guntur, Approved by AICTE

Chandramoulipuram, Chowdavaram, GUNTUR-522019, A.P.

Table of Contents

Part – A		
Sl.No.	Contents	Page No
1	Details of the Institution	3
2	IQAC Composition and Activities	7
Part–B		
3	Criterion–I: Curricular Aspects	11
4	Criterion–II: Teaching, Learning and Evaluation	13
5	Criterion–III: Research, Consultancy and Extension	17
6	Criterion–IV: Infrastructure and Learning Resources	22
7	Criterion–V: Student Support and Progression	24
8	Criterion–VI: Governance, Leadership and Management	28
9	Criterion–VII: Innovations and Best Practices	33
10	Plans of institution for next year	34
11	Annexure–I Abbreviations	35
12	Annexure–II Academic Calendars of the Year 2016-17	36
13	Annexure–III Feedback Analysis	39
14	Annexure–IV Two best practices	44

Part – A

1. Details of the Institution

1.1 Name of the Institution

R.V.R. & J.C College of Engineering

1.2 Address Line 1

Chandramoulipuram

Address Line 2

Chowdavaram

City/Town

Guntur

State

Andhra Pradesh

Pin Code

522019

Institution e-mail address

rvrjce@hotmail.com

Contact Nos.

09491073317; 09491073318

Name of the Head of the Institution:

Dr. K.Srinivasu, Principal

Tel. No. with STD Code:

0863 -2288201

Mobile:

09492940860

Name of the IQAC Coordinator:

Dr. A.Srinivasa Prasad

Mobile:

09490223827

IQAC e-mail address:

rvrjcce@hotmail.com

1.3 NAAC Track ID(For ex. MHCOGN 18879)

APCOGN19176

1.4 NAAC Executive Committee No. &Date:

EC(SC)/03/A&A/34 ; Dated:24-09-2014

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner-bottom
of your institution's Accreditation Certificate)

1.5 Website address:

www.rvrjcce.ac.in

Web-link of the AQAR:

<http://rvrjcce.ac.in/AQAR-2016-17.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.19	2014	5years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :DD/MM/YYYY

28/10/2014

1.8 AQAR for the year(for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 2014-15 submitted to NAAC on 22/10/2015
- ii. AQAR 2015-16 submitted to NAAC on 08/12/2016
- iii. AQAR 2016-17 submitted to NAAC on 30/04/2018

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid+ Self Financing Totally Self-financing

1.11 Type of Faculty/ Programme

Arts Science Commerce Law PEI(PhysEdu)

TEI(Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Acharya Nagarjuna University,
Guntur.

1.13 Special status conferred by Central/ State Government--UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. /University

University & UGC

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2.IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="14"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="04"/>
2.3 No. of students	<input type="text" value="02"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="02"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="00"/>
2.7 No. of Employers/Industrialists	<input type="text" value="02"/>
2.8 No. of other External Experts	<input type="text" value="00"/>
2.9 Total No. of members	<input type="text" value="25"/>
2.10 No. of IQAC meetings held	<input type="text" value="03"/>
2.11 No. of meetings with various stakeholders: No.	<input type="text" value="02"/>
Faculty	<input type="text" value="1"/>
Non-Teaching Staff	<input type="text" value="1"/>
Alumni	<input type="text"/>
Others	<input type="text" value="---"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text"/>
2.13 Seminars and Conferences (only quality related)	
(i)No. of Seminars/Conferences/Workshops/Symposia organized by the IQAC	
Total Nos	<input type="text" value="00"/>
International	<input type="text"/>
National	<input type="text"/>
State	<input type="text"/>
Institution Level	<input type="text"/>
(ii)Themes	<input type="text" value="-----"/>

2.14 Significant Activities and contributions made by IQAC

IQAC is involved in improving Standards in different spheres of academic and administration as follows:

- Encourage the faculty to attend Faculty Development Programs, Orientation Programs
- Motivating the faculty to use ICT in the teaching-learning process
- Motivating the students to undergo online certification programs and career guidance programs

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year 2016-17:

Sl.No.	Plan of Action	Outcome/Achievements
1	Conducting and encouraging the faculty to attend FDP, STTP's to update knowledge	<p>A Seminar on "March to Make In India through Engineering Advancements" is conducted by Department of Mechanical Engineering, RVR&JCCE, during 29-30 September, 2016.</p> <p>A ten day FIP on "IBM Cloud Computing" is conducted in association with APSSDC during 17- 26 October,2016.</p> <p>A workshop on "Environmental Studies: Innovative Teaching methodologies" is organized on 3rd October, 2016 by the Dept. of Mathematics & Humanities, RVR&JCCE.</p> <p>A two week ISTE STTP on "CMOS, Mixed Signal & Radio Frequency VLSI Design" is conducted at RVR & JCCE remote centre during 31 Jan - 4 Feb, 2017.</p> <p>A Seminar on "Challenges and issues in New and Renewable energy" is conducted by Renewable Energy Club, RVR&JCCE on 3rd March, 2017.</p> <p>Two ICT based short term courses on "Multi media tools and Utilities", "ANN and Fuzzy Logic" during 27 - 31 March, 2017 and 24 - 28 April, 2017 are conducted at RVR&JCCE remote centre by NITTR, Chandigarh.</p> <p>290 faculty members attended various workshops, seminars and training programs.</p>

2	Encouraging the faculty to adopt ICT for improving teaching & learning by attending orientation programs on ICT	44 faculty are benefitted by attending series of AICTE approved FDP's on "Use of ICT in education through online and blended learning" organized by IIT Bombay through remote centre at RVR&JCCE during 2 May- 10 July, 2016 and 24- 25 March, 2017 respectively. 26 Faculty members stood out as top performers, receiving SAP-CSR Excellent Certification and Cash Awards worth Rs.5000/- each.
3	Conducting CRT training and career guidance programs to improve the student placements	<p>A one week training is held by Triumphant Training Solutions and Seventh Sense Talent Solutions for all final year B.Tech and MCA students in two spells during 11 - 24 July, 2016.</p> <p>A series of CII- iBridge webinars are conducted on "Career Guidance" on 12th, 19th and 26th July, 2016.</p> <p>The EMDC (Entrepreneurship and Management Development Cell) organized a one day symposium on "Internet of Things (IoT)" on 24th August, 2016.</p> <p>A three day workshop on "AP Cloud" is organized by Miracle Software Systems, Visakhapatnam for CSE, IT and MCA students during 1- 3 September, 2016.</p> <p>An awareness program is held on "Introduction to Aptitude and its importance" by Triumphant Training Solutions and orientation on "Pre placement training and Industry Expectations" by Seventh Sense Talent Solutions on 25th January, 2017.</p> <p>A two week Campus Recruitment Training (CRT) is held by the Triumphant Training Solution and Seventh Sense Talent Solutions for all third B.Tech and second year MCA students in two spells during February and June 2017.</p>
4.	Encouraging the students and staff to register online MOOC courses	<p>A total of 2000 students and 81 faculty members enrolled for 130 courses through NPTEL local chapter established at RVR&JCCE by IIT, Madras.</p> <p>381 students received course completion certificates who took NPTEL online certificate exams conducted during January 2017.</p>
5.	Preparations for obtaining NBA Accreditation	NBA team visited during 31 st March - 1 st April 2017 and expressed satisfaction. NBA accredited five B.Tech programmes CSE, ECE, EEE, IT & ME for 3 years.

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The IQAC meets regularly to discuss various issues relating to teaching learning process, Research Development, Placements, curriculum updates/revisions. The plans of the IQAC are submitted to Principal, who intern discusses with all the Heads of the departments for appropriate action.

Part–B

Criterion– I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of Programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	All Professors and Faculty with PhD degree are guiding PhD Scholars			
PG	8	--	8	--
UG	7	--	7	--
PG Diploma	Not Available			
Advanced Diploma	Not Available			
Diploma	Not Available			
Certificate	Not Available			
Others	Not Available			
Total	15	--	15	--

Interdisciplinary	Not Available
Innovative	Not Available

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

The curriculum structure is designed in such a way that it facilitates the courses required to attain the expected knowledge, skills and attitude by the time of their graduation as per the needs of the stake holders. The curriculum structure consists of various course categories to cover the depth and breadth required for the program and for the attainment of program outcomes of the corresponding program.

Basic Engineering Sciences: Basic Engineering Science courses give the knowledge, skills and attitude expected in UG engineering graduates of all programs.

- Basic Sciences and Mathematics
- Humanities and Social Sciences

Engineering Core: The Engineering core consists of set of courses considered essential for the students of the specific program. The courses under this category should satisfy the program specific criteria prescribed by the appropriate professional societies.

Electives: The program electives are set of courses which includes the contemporary trends of the domain, offered in the program which covers depth and breadth to further broaden their knowledge. The students may register for appropriate electives offered in the program based on their area of interest.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	15
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders* Alumni Yes Parents Yes Employers Yes Students Yes
(On all aspects)

Mode of feedback : Online No Manual Yes Co-operating schools (for PEI) --

**Please provide an analysis of the feedback in the Annexure. Annexure – III*

- Departments take feedback from the students on paper during the course work and also at the time of exit.
- Alumni/Employers feedback is collected through online or on paper.
- Feedback is taken from the parents during Parents meet and during the study period of their children.
- Alumni cell collects the feedback from the alumni during the Alumni Meets.

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- For every four years the syllabus is revised/updated based on Industry trends/needs, Demand Analysis, opinion of Academic and Industrial Experts.
- Syllabus and regulation are updated in the year 2015 and it is implemented from 2016 batch.

Salient features in revision are as follows:

- Syllabus is updated as per the university and industrial requirements.
- Choice based Credit System (CBCS) and self- learning Non Credit courses (MOOCS) are introduced in addition to core, open and general electives.

1.5 Any new Department/Centre introduced during the year. If yes, give details: NIL

Criterion– II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	347	270	46	31	

2.2 No. of permanent faculty with Ph.D.

74

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	50	---	02	---	03	--	--	---	55	--

2.4 No. of Guest, Visiting and Temporary faculty

-----	-----	-----
-------	-------	-------

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	65	83	4
Presented	65	83	4
Resource Persons	6	6	--

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Lesson Plans are prepared by the concerned teachers prior to the beginning of the semester and are notified through MOODLE to the students at the commencement of the semester.
- The faculties are using web resources such as MOODLE effectively to upload course materials, to conduct online quizzes etc.
- A good numbers of video lessons (NPTEL & MIT) are available on our server and they are being used by the teachers and the taught for the better understanding of the subjects.

- Lecture material is prepared incorporating the audio visual material. Many such lecture outlines are also given to the students as reading material and LCDs are used in all the class rooms for teaching.
- HOD periodically monitors teacher's dairy, lesson plans and suggests corrective measures s if needed.
- Design based experiments and project works are given to the students.

2.7 Total No. of actual teaching days
during this academic year

192

2.8 Examination/Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, and Online Multiple Choice Questions)

- Five marks are allotted for attendance in the respective theory subjects in a graded manner.
 - Five marks earmarked for quiz/online examination/surprise class tests by the concerned teacher in the respective theory subjects so that the students can themselves update their grasp of the subjects regularly. This has created a positive impact on attendance and the results.
- Project Seminars, Assignment and attendance are made part of evaluation.
- To conduct the examinations in a free and fair manner, jumbling system in seating arrangement in the examination halls is adopted.
- Spot valuation is conducted with external evaluators.

2.9 No. of faculty members involved in curriculum Restructuring /revision /syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

90

2.10 Average percentage of attendance of students

83

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction%	I %	II %	III%	Pass%
B.Tech in ChE	52	42	38	--	--	80
B.Tech in CE	201	64	26	--	--	90
B.Tech in CSE	197	67	23	--	--	90
B.Tech in ECE	209	83	10	--	--	93
B.Tech in EEE	198	85	11	--	--	96
B.Tech in IT	109	64	20	--	--	84
B.Tech in ME	204	71	22	--	--	93
MBA	110	33	56	--	11	100
MCA	89	61	39	--	--	100
MTech PSE	15	87	13	--	--	100
MTech MD	14	100	--	--	--	100
MTech CSE	23	91	09	--	--	100
MTech CE&SP	15	100	--	--	--	100
MTech CS&T	09	67	33	--	--	100
M.Tech SE	15	100	--	--	--	100

2.12 Learning processes:

The IQAC of the College

- Collects the project reports randomly from the departments and evaluates the quality of reports and same will be submitted for the discussion at IQAC meetings
- Collects course files randomly and assesses the process followed and the attainment of Course Outcomes
- Identifies the new methods of teaching adopted by the faculty and shares the same among the faculty
- Conducts workshops on the teaching-learning process
- Creates policies and procedures to strength the teaching-learning process
- Does continuous assessment of students through examination results, curricular and co-curricular activities. Through SAR and feedback reports from the students the quality of the faculty is measured.
- Prepares action Report and the Principal takes necessary steps to implement it.

2.13 Initiatives undertaken towards faculty development

<i>Faculty/Staff Development Programmes</i>	<i>Number of faculty attended</i>
Refresher courses	11
UGC– Faculty Improvement Programme	22
HRD programmes	8
Orientation programmes	7
Faculty exchange programme	--
Staff training conducted by the university	1
Staff training conducted by other institutions	90
Summer/Winter schools, Workshops, etc.	110
Others	40

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	68	--	--	--
Technical Staff	56	--	--	--

Criterion– III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

A research committee has been constituted in the college to Guide and motivate the faculty members to carry out their research activities. The research committee meets regularly to discuss about the latest trends in the research activities and steps to be taken to promote research activities in the Institution.

IQAC continuously monitors the research activities in the college and encourages faculty

- To identify the thrust areas of research
- To seek research grants from AICTE/DRDO, DST/UGC and other funding agencies to implement minor and major research projects
- To identify the budgetary requirements and resources for funding research
- To organize National seminars/workshops/conferences on research related concepts
- To attend Refresher/Orientation courses, conferences, seminars and workshops and every faculty member of the college participates at least in one event in an academic year. In the year 2016-2017, 289 Faculty members have participated in the workshops/STTPs/FDPs/Orientation programs organized by various Institutions across the country at national/international level
- To publish papers in national / international SCI Indexed journals /peer reviewed journals. They are also encouraged to publish books with national/international publishers. Nearly 183 papers are published by the faculty in reputed national/international journals/conference proceedings during 2016-2017
- To see that results of research lead to publications/patenting/product generation

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Proposals Submitted
Number	01	05	--	2
Outlay in Rs. Lakhs	9.00	43.25	--	38.38

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	04	--
Outlay in Rs. Lakhs	--	--	8.76	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	112	14	03
Non-Peer Review Journals	07	01	----
e-Journals	05	02	----
Conference proceedings	33	06	----

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the Funding Agency	Total grant sanctioned	Received
Major projects	3-5 years 2015	DST, UGC, FIST	9,79,400	9,79,400
Minor Projects	3 years 2016	UGC	8,76,000	--
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other (Specify)	1 year 2016-17	College Management	2,75,000	2,75,000
Total			18,55,400	12,54,400

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

6.29 lakhs

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number		02			
Sponsoring agencies		IIChe			

3.12 No. of faculty served as experts, chairpersons or resource persons

09

3.13 No. of collaborations

International

2

National

24

Any other

--

3.14 No. of linkages created during this year

--

3.15 Total budget for research for current year in lakhs:

From funding agency

8.75

From Management of University/College

8.75

Total

17.5

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	Granted	--
International	Applied	--
	Granted	--
Commercialized	Applied	--
	Granted	--

3.17 No. of research awards/recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
04		03		01		

3.18 No. of faculty from the Institution who are Ph. D. Guides

42

and students registered under them

150

3.19 No. of Ph.D. awarded by faculty from the Institution

06

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled+ existing ones)

JRF

SRF

Project Fellows

Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="350"/>	State level	<input type="text" value="270"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="31"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="2"/>	International level	<input type="text"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="2"/>	State level	<input type="text" value="01"/>
National level	<input type="text" value="--"/>	International level	<input type="text"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="1"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text" value="05"/>	
NCC	<input type="text" value="05"/>	NSS	<input type="text" value="15"/>	Any other <input type="text"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- The Satish Dhawan Space Center (SHAR) organized World Space Week for two days at RVR&JCCE, during 4th and 5th of October, 2016 to stimulate the young minds about science, technology and engineering.
- Conducted Mega 'Vana Mahotsavam' at Obulanaidu palem village with 135 NSS volunteers and distributed 2000 saplings and planted 200 saplings in the village on 12th July, 2016.
- 270 volunteers of NSS and 15 cadets of NCC participated in Krishna Pushkar 2016 and rendered their services to the pilgrims in two shifts.
- NSS volunteers participated in Swatch Bharat Rally to promote Swatch Bharat in and around the college campus on 15th September, 2016.
- Organized a Blood donation camp on 2nd October, 2016 with 50 volunteers at Government General Hospital, Guntur.
- Organized the Sports Fest-2017 during 17th & 18th February, 2017.
- NSS volunteers organized 10K Cyclothon to create awareness among people on health and eco friendliness on 12th March, 2017.
- NCC unit conducted Yoga Classes during 16-30 June, 2016.
- Society for the Promotion of Indian Classical Music & Culture Among Youth (SPICMACAY) New Delhi organized a programme on GOTIPUA, a traditional dance performance at RVR&JCCE on 31st August, 2016.
- A two day National Level Youth Festival is organized during 17th and 18th February, 2017.

Criterion– IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	51.8	--	NES	51.8
Class rooms	95	--	NES	95
Laboratories	62	--	NES	62
Seminar Halls	5	--	NES	5
No. of important equipments Purchased (1-0 lakh) during the current year.	9	5	Tuition fee	14
Value of the equipment purchased During the year	14,58,51,559	2,55,59,973	Tuition fee	17,14,11,532
Others	57,12,33,668	4,36,17,878	Tuition fee	61,48,51,546

4.2 Computerization of administration and library

- Library administration is fully computerized (OPAC)
- Implemented bar-coding system.
- Computerization for search, indexing, issue/return records
- Digital Library
- Wi-Fi facility for the campus.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value
TextBooks	1,00,520	2,37,81,430	3,498	16,27,548	1,04,018	2,54,08,978
Reference Books	27,719	1,01,85,011	1,446	10,41,037	29,165	1,12,26,048
e-Books	661	2,74,527	661	2,19,337	1322	4,93,864
Journals	114	12,674	114	1,26,714	228	1,39,388
e-Journals	5,000	24,15,067	5000	23,49,984	10,000	47,65,046
Digital Database	1	6,14,255	--	-	1	6,14,255
CD & Video	3,648	17,35,511	924	5,61,847	4,572	22,97,358
Others (specify)	NPTEL		DELNET			

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1340	16	16 Mbps (Dedicated) 40 Mbps (Shared)	2	3	25	1030	40
Added	510	02	100 Mbps (Dedicated) 40 Mbps (Shared)	2	3	30	400	80
Total	1850	18		4	6	55	1430	120

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

4.6 Amount spent on maintenance:

i) ICT	21,10,543
ii) Campus Infrastructure and facilities	58,36,190
iii) Equipments	10,80,479
iv) Others	7,18,84,523
Total:	8,09,11,735

Criterion– V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC has been enhancing awareness through various meetings and circulars about student support services.
- The students are thoroughly aware of available services for them like Canteen, Library and Reading rooms, Hostels, Games and Sports, Transportation, Healthcare, Computing, Internet facilities, NSS, NCC etc. and they are actively participating and using all such services.
- Students are trained by CRT programs for increasing the chances of employability and by IIP/EMD cell programs for improving their entrepreneur skills.
 - Venture Development Centre is created and 112 students are pursuing Venture Development Diploma program offered by Northeastern University, Boston.

5.2 Efforts made by the institution for tracking the progression

Student progression during the semester is monitored through:

- Day to day attendance in theory & lab classes and intimation to the parents
- Performance of the students in each internal examinations

Progress semester after semester is monitored through:

- The performance of the students in the end semester examinations
- Participation in Co-curricular and Extra-curricular activities

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4,713	684	--	--

(b) No. of students outside the state

--

(c) No. of international students

--

Men	No	%	Women	No	%
	3411	63.2		1986	36.79

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
2816	584	175	1656	--	5231	3067	641	178	1506	5	5397

Demand ratio: 96.31

Dropout% : 0.002

5.4 Details of student support mechanism for coaching for competitive examinations

- Providing Online MCQ's for the preparation of the GATE, CAT, GRE ...etc.
- Personality development courses and student practice courses are part of the curriculum.
- Proposed to conduct special coaching in fundamentals by senior faculty.
- Intensive and periodic coaching in English language and Communication Skills.
 - Cambridge English Certificate Program

No. of students beneficiaries

950

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
 IAS/IPS etc State PSC UPSC Others

5.6 Details of student counseling and career guidance

- Mentoring and counseling process is a continuous process
- This process has successfully resulted in improved student performance
- Training and Placement Cell arranged CRT classes for better employment of students
- Students are motivated to participate in various competitions conducted by different Universities and colleges

No. of students benefitted

950

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
68	1158	551	82

5.8 Details of gender sensitization programmes

- A talk on ‘Violence Against Women – Awareness of Women’s Laws’, is organized by the Lady Advisory Committee on 22nd September, 2016. Ms.K.V.Padmavathi, Legal Counsellor, Domestic Violence Act, educated girl students on the constitutional and legal provisions for women.
- Thirty two girl students and a few faculty members attended The National Women’s Parliament 2017 organized by AP Legislative Assembly at Amaravathi during 10th and 12th February, 2017. The main objective of this programme is to enable and encourage social, political and economic empowerment of women.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/University level National level International level

No. of students participated in cultural events

State/University level National level International level

5.9.2 No. of medals/awards won by students in Sports, Games and other events

Sports :State/University level National level International level

Cultural: State/University level National level International level

5.10 Scholarships and Financial Support

For 2016-2017	Number of students	Amount
Financial support from institution	239	38,00,000
Financial support from government	3046	12,20,33,925
Financial support from other sources	--	--

5.11 Student organized/ initiatives

Fairs : State/University level National level International level

Exhibition: State/University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: nil

Criterion– VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

“To enrich the society through education by generating globally competent manpower that can make an honest living in the country or outside and capable of contributing to the socio-economic development and welfare of the society. To inculcate in the students and general public, social skills, respect for ethics and law, tolerance and understanding needed to peacefully co-exist in a multi-racial and multi ethnic society consisting of the very rich and very poor people”.

Mission:

An Integrated Development of manpower possessing Technological and Managerial Knowledge and Skills, Attitudes and Values needed to make an honorable living and contribute to the socio economic development and welfare of the Society”.

6.2 Does the Institution has a management Information System

YES, Institute has its own MIS developed by the faculty to manage general administration, autonomous system, examinations, student attendance and continuous evaluation process.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The institute is having autonomous status. Boards of Studies meetings are conducted every year to frame/revise/ correct the Syllabus. Major syllabus revisions are carried out once in four years and minor changes are carried out on an yearly basis. Feedbacks collected from students and other stakeholders are used in framing the curriculum.

6.3.2 Teaching and Learning

Following are the measures adopted by the institution for betterment of Teaching and Learning process.

- Project based learning
- Pre-placement training
- Initiative to arrange more campus placement drives qualitatively & quantitatively
- Motivation towards Research for staff and students
- Assistance to students to get admission for Higher Education.
- Encouraging students to do mini projects in the concerned subjects
- Expert lectures/NPTEL lectures to create wide exposure to students
- Conducting Skill Development training programs
- Video lessons, PPT's , E lessons, Lab Experiments on theoretical concepts
- Periodical evaluation of results and counseling the students as well as faculty

- Conducting extra classes for the slow learners
- Usage of Moodle-Online learning resources

6.3.3 Examination and Evaluation

- Autonomous end semester examination papers are being set and evaluated by external experts
- Question paper detailed key and scheme of evaluation for spot valuation is being prepared by internal faculty members
- Spot valuation is carried out by external faculty and the results are being declared within four weeks

6.3.4 Research and Development

Separate Research cell with Convener R & D is established to give support in terms of guidance in applying for funded projects & for all types of research activities.

- Exclusive Administration setup with Convener R&D
- R&D committee to review and motivate research
- Conducting awareness programs by experts from funding agencies such as DST and DRDO

6.3.5 Library, ICT and physical infrastructure/ instrumentation

- For sharing resources with other libraries to strengthen teaching-learning process, the college joined as an institutional member of DELNET. DELNET connects all libraries of the technical institutions approved by AICTE in the country
- OPAC software for library management
- 200 Mbps Internet Connection from BSNL for Staff and Students
- BSNL has provided 40 Mbps VPNoBB (Virtual Private network over Broad Band) connection under NME-ICT (National Mission on Education through Information and Communication Technology–Project initiated by Ministry of HRD). The objective of this project is to provide NME-ICT network connection to the colleges and universities of the nation to bring all educational institutions into a single network for sharing the information.
- NPTEL(National Programme on Technology Enhanced Learning–A joint venture of IITs and IISc) web courses and video courses are being used by staff and students to enhance their skills
- Wi-Fi connectivity is available in the campus
- Construction of additional Girls and Boys hostel blocks

6.3.6 Human Resource Management

- Annual assessment of faculty is done through Faculty Self Appraisal Performa (SAP)
- Induction training is conducted for new faculty members
- Support and guidance is given for carrying research activities, presenting papers in conferences and publishing papers in reputed journals
- Faculty are motivated to send research proposals to various funding agencies
- Faculty members are encouraged to apply for higher studies
- Faculty members are encouraged to participate in STTPs, FDPs, Seminars and Workshops organized by various Industries and Institutions

6.3.7 Faculty and Staff recruitment

Whenever there are vacancies advertisements are made through news papers and the recruitment is done by the Management through college staff selection committee as per the rules and regulations.

6.3.8 Industry Interaction / Collaboration

- Industry Interaction is integrated for all courses
- MOUs are signed with local industries for mutual benefit with the exchange of expertise
- Guest lectures are being conducted for faculty and students with industrial experts

6.3.9 Admission of Students

70% of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30% of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">➤ Free medical checkup and treatments at Hospitals run by the College Management members➤ Group personal accidental Insurance For Deans/Heads of the Departments/Professors : 5Lakhs For All committee conveners: 4Lakhs For all Associate Professors/Assistant Professors: 3Lakhs➤ Laptops are provided to all heads of the departments➤ Gratuity to all Teaching staff
Non teaching	<ul style="list-style-type: none">➤ Free medical checkup and treatments at Hospitals run by College Management members

	<ul style="list-style-type: none"> ➤ Free uniform and shoes are provided ➤ College has a tie-up with Katuri Medical College, Guntur for emergency medical needs ➤ Group personal accidental Insurance For Non-Teaching Staff 1Lakh For daily wage workers 1Lakh ➤ Gratuity to all Non-Teaching staff
Students	<ul style="list-style-type: none"> ➤ College Management is giving scholarships to poor & merit students to encourage them and to reduce their financial burden. ➤ Sponsoring gold medals to the toppers of all branches on the names of renowned (late) persons of the society to encourage competitive spirit among the students. ➤ Students Group personal accidental Insurance of 1Lakh ➤ College has a tie up with Katuri Medical College, Guntur for emergency medical needs ➤ Dispensary in college campus to look after the medical needs.

6.5 Total corpus fund generated

YES

6.6 Whether annual financial audit has been done

Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	
Administrative	No	--	Yes	

6.8 Does the University/Autonomous College declare results within 30days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/Autonomous College for Examination Reforms?

- End Examination question paper setters are majorly from University Colleges/NIT/IIT Faculty.
- Examiners for end examinations are from other University Colleges.
- Evaluation process involves coding & decoding of answer scripts.
- Physical Verification, Recounting and Revaluation of answer Scripts is provided to the students.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The affiliating university, ANU nominates the persons of eminence for the college Governing body, Academic Council and Board of Studies to design the curriculum and provide the suggestions to improve the quality of education in the college.

6.11 Activities and support from the Alumni Association

- Alumni meets are conducted periodically
- Alumni interacts with the present students to motivate and guide
- Alumni also help in placement activity
- Alma matter is connected to the college through separate alumni portal and they are updated with the college achievements. Alumni also share their success stories as well
 - Alumni are members of BOS of respective departments

6.12 Activities and support from the Parent– Teacher Association

- Parent teacher informal meetings are being conducted to identify the issues related to students.
- There is no formal parent teacher association, however, a feedback from parents is collected occasionally in the prescribed format, analyzed and used for further improvement.

6.13 Development programmes for support staff

Supporting staff are sponsored to attend continuous education programs and to improve their qualification.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Sprinkler system is used for Greenery and Lawns
- Plantation is set in major places of the campus and maintained to make campus as eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Introduced use of ICT in teaching and learning process..
- Introduced new syllabus incorporating choice based credit system
- Students and staff are encouraged to register online courses..
- Proctor system is adopted to monitor the regularity and performance of student.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

IQAC planned the objectives for current year (2016-17) and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required.

Activity Planned	Status of Activity/ Action Taken
It is planned to conduct FDPs, STTP's, Workshops and seminars to update the knowledge and skills of faculty	As per the plan, two seminars, one FIP, two ICT based FDP's, one STTP and one workshop are conducted and faculty is benefited by participating in the programs.
It is planned to bring awareness among faculty on use of ICT for effective teaching learning process	Forty four faculty members have participated for FDP on "Use of ICT in education through online and blended learning" conducted through remote center at RVR&JCCE.
Planned to enhance campus recruitments by conducting CRT training and career guidance programs	No. of training programs and career guidance seminars/webinars are conducted and 633 students are placed in various companies.
Planned to motivate the students to improve the skills and knowledge through online MOOC courses	381 students received course completion certificates who took NPTEL online certificate exams conducted during January 2017.
Planned to prepare well for NBA accreditation visit	NBA team visited during 31 st March .. 1 st April 2017 and expressed satisfaction. NBA accredited five B.Tech programmes CSE,ECE, EEE, IT & ME for 3 years.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Enhancing student skill set

➤Comprehensive Student Monitoring System

*Provide the details in annexure (annexure need to be numbered as i, ii,iii) **Annexure- IV**

7.4 Contribution to environmental awareness /protection

- Conducting environmental awareness workshops/ seminars by inviting the experts through Eco club of the college
- Offering Environmental Science as a compulsory subject
- Organising Swacha Bharath campaign etc.,
- Planting of trees in the campus
- Construction of rainwater harvesting pits in the campus

7.5 Whether environmental audit was conducted? Yes No


7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)
NIL


8. Plans of Institution for Next Year

- Strengthening the student counseling system
- Implementation of use of ICT in the teaching learning process
- Increase in infrastructural facilities
- Motivating the faculty towards research and paper publication in reputed journals
- Advancing the skill set of the students through different training programs

Name: *Dr.A.Srinivasa Prasad*

Name: *Dr.K.Srinivasu*


Signature of the Coordinator, IQAC
Professor in Civil Engineering
RVR & JC College of Engineering
CHOWDAVARAM, GUNTUR-522 019


Signature of the Chairperson, IQAC
PRINCIPAL
R.V.R. & J.C. College of Engineering
Chandramoulipuram, Chowdavaram
GUNTUR - 522 019. A.P.



Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure-II

Academic calendars of the year 2016-17

R.V.R. & J.C. COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR-522 019
(Autonomous)

ACADEMIC CALENDAR FOR THE ACADEMIC YEAR 2016-17 FOR II B.TECH., III B.TECH., and IV B.TECH., CLASSES

Description	First Semester Schedule	Second Semester schedule
<i>Date of commencement of Class work:</i>		
Final Year	15-06-2016	28-11-2016
Third Year	15-06-2016	28-11-2016
Second Year	20-06-2016	28-11-2016
First Mid-term Examinations	16-08-2016	27-01-2017
Last instruction day	22-10-2016	01-04-2017
Second Mid-term Examinations	24-10-2016	03-04-2017
Preparation Holidays	31-10-2016	11-04-2017
Commencement of Semester end examinations	07-11-2016	17-04-2017
Semester end practical examinations	After theory examinations	After theory examinations

Dasara holidays:- 08-10-2016 to 12-10-2016 (both days inclusive)

Pongal holidays:- 12-01-2017 to 16-01-2017 (both days inclusive)

Commencement of second, third and final year B.Tech., for the year 2017-18 : 15-06-2017


(Dr.K.SRINIVASU)
PRINCIPAL

R.V.R. & J.C. COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR-522019
(Autonomous)

ACADEMIC CALENDAR FOR THE ACADEMIC YEAR 2016-17
FOR I-YEAR B.TECH. CLASSES

Description	First Semester Schedule	Second Semester schedule
Orientation Programme : 11-07-2016 to 16-07-2016		
Date of commencement of Class work	18-07-2016	26-12-2016
First Mid-term Examinations	19-09-2016	21-02-2017
Last instruction day	19-11-2016	29-04-2017
Second Mid-term Examinations	21-11-2016	01-05-2017
Preparation Holidays	28-11-2016	11-05-2017
Commencement of Semester end examinations	05-12-2016	01-06-2017
Semester end practical examinations	After theory examinations	After theory examinations

Dasara holidays:- 08-10-2016 to 12-10-2016 (both days inclusive)

Pongal holidays:- 12-01-2017 to 16-01-2017 (both days inclusive)

Commencement of II/IV B.Tech. class work for the Academic Year 2017-'18 : 15-06-2017

K. Srinivasu
(Dr.K.SRINIVASU)
PRINCIPAL

Me

ACHARYA NAGARJUNA UNIVERSITY



REGISTRAR

Stamp: R.V.R. & J.C College of Engineering
 NAAC B ++
 80-85 GRADE POINTS
 - 2 MAR 2017
 RECEIVED
 No. 41842

Telephone No: 0863-2293189

No. ANU/Acad./M. Tech Acad. Calendar /2017

Date : 22-02-2017

PROCEEDINGS OF THE VICE - CHANCELLOR

Sub: ANU – Academic –Academic Calendar 2016-17, II semester & 2015-16 M. Tech III & IV semester – Orders – Issued.

- Ref: 1. Letter dated 27-01-2017 from the Dean Faculty of Engineering, ANU.
 2. Vice-Chancellor's orders dated 18-02-2017.

ORDER:-

Having considered the recommendation of the Committee constituted to prepare the Academic Calendar for 2016-17 M. Tech 2nd semester & 2015-16 M.Tech III & IV semester the Vice-Chancellor has approved the Academic Calendar for the academic year 2016-17 & 2015-16 as follows:

Academic Calendar for I/II M.Tech (II Sem) course for the 2016 -2017

Sl.No	Description	II Semester Schedule
1.	Date of commencement of class work	23-01-2017
2.	First Mid –Term Examinations	20-03-2017 to 25-03-2017
3.	Summer Internship	01-05-2017 to 03-06-2017
4.	Last Instruction day	17-06-2017
5.	Second Mid –Term Examinations	19-06-2017 to 24-06-2017
6.	Preparation Holidays	25-06-2017 to 02-07-2017
7.	Commencement of University Examinations	03-07-2017
8.	University Practical Examinations	After Theory Examinations

Commencement of IIIrd semester 01-08-2017

Academic Calendar for M.Tech course who are Admitted in 2015 -2016

Sl.No	Description	III Semester Schedule
1.	Date of commencement of Project work	29-08-2016
2.	Project Seminar	30-01-2017
		IV Semester
1.	Date of commencement of Project work	01-02-2017
2.	Project Report Submission & Viva Voce	01-06-2017 to 30-07-2017

[Signature]
 REGISTRAR

- The Dean, Faculty of Engineering, ANU
- The Principal, University College of Engineering, ANU.
- The Principals of Affiliated Colleges, ANU area.
- The Controller of Examinations, ANU
- The Chancellor, ANU

[Handwritten mark]

Annexure-III

Feedback analysis

Analysis of Exit Student Feedback

Over all Assessment of the Course Work

(1. Not Satisfied, 2. Some what satisfied, 3. satisfied, 4. Extremely satisfied)

87.58% of the students have responded that they are satisfied / extremely satisfied

Analysis:

It can be inferred that majority of the students are able to get the expected depth of the course content.

Assessment of Program Outcomes:

(1. Not Satisfied, 2. Somewhat satisfied, 3. satisfied, 4. Very much satisfied, 5. Extremely Satisfied)

90.70% of the students have responded that they are satisfied / extremely satisfied

Analysis:

From the above analysis it can be inferred that majority of the students are highly satisfied towards the efforts made by the faculty in delivering the lectures to meet the program outcomes

Overall Assessment of student Experience: (1. Not Satisfied, 2. Somewhat satisfied, 3. satisfied, 4. Extremely Satisfied)

Quality of Instruction by the faculty / Facilities/ Career Guidance Facilities/ other Services

88.97% of the students have responded that they are satisfied / extremely satisfied while assessing Overall Assessment of student Experience in the college.

Analysis:

From the above analysis it can be inferred that majority of the students pleased with the quality of facilities provided to them / institution environment / infrastructure/ faculty.

How is your overall satisfaction with your education at RVR & JCCE?

94.94% of the students responded as they are satisfied / extremely satisfied with their education at RVR & JCCE.

Analysis:

From the above analysis it can be inferred that the students are extremely happy with the education system they have gone through during their stay at the college.

Analysis of Alumni Feedback

Alumni opinion about RVR&JCCE: Excellent/Good/Average/Poor

Core knowledge imparted:

52.38% of the alumni responded that they are imparted with excellent core knowledge.

47.62% of the alumni responded that they are imparted with good core knowledge.

Analysis:

From the above analysis we infer that majority of the Alumni were able to get the expected depth of the course.

Extracurricular activities:

23.81% of the alumni are satisfied to the greatest extent with the extracurricular activities

61.90% of the alumni are satisfied to a good extent with the extracurricular activities

co-curricular activities:

19.05% of the alumni are satisfied to the greatest extent with the extracurricular activities

66.67% of the alumni are satisfied to a good extent with the extracurricular activities

Analysis:

From the above analysis most of the Alumni accepted that the contribution level of institution towards their overall improvement is high.

Professional Society Activities:

28.57% of the alumni responded that they are extremely satisfied with the professional society activities in the college.

42.86 % of the alumni responded that they are highly satisfied with the professional society activities in the college.

Analysis:

From the above analysis it can be inferred that most of the Alumni agreed that they gained all the learning values during their four years course time.

Professional skills imparted (Communication skills, Placement skills):

33.33% of the alumni responded that they are extremely satisfied with the professional skills imparted in the college.

38.09% of the alumni responded that they are highly satisfied with the professional skills imparted in the college

Team work encouragement in labs and project works:

38.09% of the alumni accepted that excellent opportunities are given for team work.

42.86% the alumni accepted that good opportunities are given for team work.

Analysis:

From the above analysis most of the Alumni acknowledged that the contribution level of institution towards their professional improvement is high.

Self learning opportunities (Labs/Mini-project/Term Paper/Project work) :

38.09% responded that excellent self learning opportunities are given to them.

52.38% responded that good self learning opportunities are given to them.

Self learning facilities (Library/Internet/Labs):

47.63% responded that excellent self-learning facilities are provided.

33.33% responded that excellent self-learning facilities are provided.

Analysis: It can be concluded from the above responses that most of the alumni are satisfied with the self learning opportunities and facilities given to them during their stay in the college.

Encouragement of Industrial training:

71.43% of the alumni responded that they were given excellent/ good encouragement to carryout Industrial training during their course work.

Analysis: Many of the alumni are satisfied with the industrial exposure arranged for them during their four year of under graduate course.

Overall rating of the college:

52.38% of the alumni gave excellent rating.

47.62 of the alumni gave good rating.

Analysis: From the above analysis it can be inferred that majority of the Alumni rated the overall course as excellent/good.

Analysis of Employer Feedback

Do you find our graduate able to

1 = Strongly Disagree 2 = Disagree 3 = Not sure 4 = Agree 5 = Strongly Agree

Obtain solutions to engineering problems and provide quality services to engineering related industries:

93.75% of employers agreed/ strongly agreed that our students are able to get solutions to engineering problems and provide quality services to the industry.

Analysis: It can be inferred from the above feed back that most of our students are capable enough in implementing their conceptual knowledge at work place

Act professionally and ethically while making significant contributions for the benefit of community, region, nation and beyond:

93.75% of the employers agree that our students Act professionally and ethically and are making significant contributions.

Analysis: It can be interpreted from the analysis that our graduates are professionally and ethically strong at their work place.

Lead a team as well as being a team player:

62.5% of the employers felt that our graduates will be able to lead teams.

Analysis: From the above analysis it can be inferred that RVR&JCCE students are capable to work as a team player and as an individual as well.

Continuously undertake professional development:

31.25% of the employers strongly agree and 68.75% of the employers agreed that our students continuously undertake professional development.

Analysis: From the above analysis it can be inferred that most of the employers rated in a positive way about their employees (RVR&JCCE students) skills.

Demonstrate skills in organizing and managing business:

12.5% of the employers strongly agreed and 37.5% agreed that our students demonstrate skills in organizing and managing their business.

Analysis: From the above analysis it can be inferred that most of the employers are satisfied with the contribution by our students in organizing and managing their business.

Analysis of Parents Feedback

1. Do you find this institution better than others for your ward? Yes/ No.

82% of the parents responded that this institution is better than other institutions.

Analysis: From the above analysis we infer that majority of the parents accepted that the course accomplishments were worth the resources they have invested for their wards.

2. Do you feel facilities in the institution are adequate? Yes/ No.

81% of the parents felt that facilities in the institution are adequate for their wards.

3. Do you feel that your ward is physically secured in the campus? Yes/ No.

96% of the parents positively responded that physically the campus is more secured for their children.

4. Are you satisfied about hostel facilities? Yes/ No/Not Applicable.

72% of the parents responded positively with the hostel facilities provided to their wards in the hostels, particularly the affordability.

Analysis: Most of the parents are satisfied with the facilities in the Institution campus and hostels. They have also responded positively towards the security given to their wards in the hostels.

5. Are you satisfied for cooperation from the administrative staff? Yes/ No.

84% of the parents responded positively towards the cooperation extended by administrative staff.

Analysis: It can be inferred that many of the parents are able to get the cooperation from the administrative staff of the college.

6. Can you make direct communication with teaching staff? Yes/ No.

88% responded that they are able to communicate directly with teaching staff of the college.

Analysis: It can be inferred that most of the parents are able to make direct communication with the teaching staff of the college which helps in monitoring the performance of their ward.

7. Do you find up gradation of hard and soft skills in your son/daughter? Yes/ No.

85% agreed that institution contributes to a greater extent in their wards Improvement.

Analysis: Majority of the parents accepted that contribution level of institution towards their ward is done at a greater extent in improving skills which are required in meeting the current competition

ANNEXURE-IV

Two Best Practices

1.Improving students skill set

Details of the activities conducted for improving student skill set during AY2016-2017

Workshops/Seminars/Guest Lectures

1. The IChE-Guntur Regional Centre organized a one day seminar on ‘Growth and Career Opportunities in Chemical Engineering for Sustainable Development’ on 19th November, at JKC College, Guntur. IChE RVR&JCCE Student chapter is functioning under IChE Guntur Regional Center.
2. A workshop on ‘Computational Thinking and Problem Solving Skills’ in association with APSSDC was organized for the first year B.Tech students during 24 Oct-19 Nov, 2016. Resource Person Akash Sinha, APSSDC, gave a hands on session on the basic concepts of C programming.
3. A one-day on-line face-to-face interaction course on ‘College to Corporate Program’ was organized by the IIT-Bombay Remote Centre, on 26 November, 2016 for third year B.Tech., M.Tech., MBA and MCA students. 150 students attended the online interaction course.
4. The EMDC (Entrepreneurship and Management Development Cell) organised a one-day symposium on ‘Internet of Things (IoT)’ on 24th August, 2016. 100 students and 35 faculty members from all the departments, participated in the symposium. Resource persons at the symposium were from Efftronics Systems Pvt. Ltd., Mr. D. Rama krishna, CEO, Mr. Anvesh MD, Mr. Surabhi Bhavani Shankar, Executive Manager - R&D, Mr. Nalluri Mallikarjun, Project Manager, R&D.
5. A one day workshop on ‘Entrepreneurship Orientation Programme’ was conducted by NSIC, organized by EMD Cell, on 29 July 2016, for third year B.Tech., MBA and MCA students. 289 students attended the workshop that was handled by Mr. G. Sudarshan.
6. A one day conference on ‘4th Industrial Revolution – Internet of Things (IoT)’ was conducted by Govt. of AP, on the occasion of Krishna Pushkaralu - 2016 on 23 August, 2016.

7. Dr. K. Lakshmi Narayana, Former IAS Officer and Member in APSSDC, delivered a lecture to all the B.Tech students on 'Recent Trends on Information Technology' on 30th July 2016. In his lecture, Mr. Lakshmi Narayana educated students on the recent developments in Big data, Cloud Computing and Internet of Things.
8. Mr. Y. Syam, Principal Consultant, Invensys Development Centre India Pvt. Ltd, Hyderabad, delivered a guest lecture on 'Career opportunities for Chemical Engineers' on 5th December, 2016, for third and final year students.
9. Mr. E. Satyanarayana, Environmental Engineer, A.P. State Pollution Control Board, Vijayawada Region, delivered a guest lecture on 'Importance of Pollution Control in attaining Swacha Bharat' on 14th September, 2016 for the second, third and final year students.
10. Mr. P. Srinivasulu, working as System Engineer for TCS, Hyderabad, visited RVRJC, on 6th August to give a talk on 'Employability skills - IT industry'. He advised the second and final year students of MCA on how to get ready for placements.
11. Mr. Shalem Raju Lingam, and Mr. Bapaiah Malasani, Software Engineers, who are working for TCS, Hyd., conducted mock interviews to the students of final year MCA, on 21st August, 2016.
12. Mr. K. Malleswara Rao, working for UST GLOBAL, Bangalore, as Sr. Software Engineer, delivered a guest lecture on 'Opportunities in Software Industries' for the students of first year on 22nd October, 2016. He shared his experience in the industry and advised students to excel in their interested domains.
13. A one day workshop on 'Introduction to real time Embedded Applications and Software Industries' was organized for the III year B.Tech students on 15th Sept, 2016. Resource Persons Mr. Ch. Chandrasekhar, Software Architect. Hyundai Mobis India Ltd, Hyderabad, enlightened students on engineering applications of real-time systems and how embeded systems are used in industrial software development process.
14. A one day workshop on 'Machine Learning Using R' was organised for the third and fourth year B.Tech students on 29th December, 2016, Resource Person, Mr. P.E.S.N. Krishna Prasad, Dept. of CSE, PVP Siddhartha Institute of Technology, educated students on how to use machine learning techniques to solve real time problems with case studies, using R.

15. Mr. G. S. Vinayak, Asst. Manager, NSEIL, Hyd., delivered a lecture to all the final year students on 'Career Prospects for Management students in Financial Services and importance of NSE Certification', on 23rd September, 2016.
16. Mr. Sk. Hussain Sha Khadar, Executive (Admn.), Satish Dhawan Space Center (SHAR), Nellore, delivered a lecture to all the first year students on 'Career Planning and Importance of Quiz programmes and Management Meets for MBAs', on 5 October 2016.
17. Mr. D. Brahma Reddy, Faculty in the Department of Economics, Sri Venkateswara College, University of Delhi, and Former Under Secretary, Seventh Central Pay Commission, Ministry of Finance, delivered a lecture to all the final year students on 'GST and its implications on Indian Economy', on 21 October, 2016.
18. CII - iBridge webinar session-1 was conducted on 'Career Guidance' on 12 July for final year B.Tech. Mechanical students.
19. CII - iBridge webinar session-2 was conducted on 'Career Opportunities in Mechanical Engineering' on 19 July, for third year Mechanical students.
20. CII - iBridge webinar session-3 was conducted on 'Career Guidance' on 26 July, for final year B.Tech. CSE & IT students.
21. A two day workshop on 'Statistical Computing R-Programming' was organized for the B.Tech and M.Tech students during 17-18 Feb, 2017, as a part of CIS' Soiree-2017.
22. Mr. M. Phani Kumar (Alumni of RVR&JC), currently working as General Manager, Anantha Lakshmi Spinning Mills Pvt.Ltd, Guntur, delivered a lecture to all the third year students on 'Challenges in Entrepreneurship' on 6 Jan, 2017.
23. Dr. Lakshmi Puttagunta, Professor of Pathology, University of Alberta, Edmanton, Canada, delivered a lecture to all the third year students on 'Adapt Good Life Style for Healthy and Happy Living' on 5 Jan, 2017.
24. Mr. Ch. Kalyan (Alumni of RVR & JC), currently working as CEO, Tulasi Technologies, Bangalore, delivered a lecture to all the third year students on 'Entrepreneurship skills' on 24 June, 2017.

25. A two day national level student meet “Chemical Engineering Contest for Knockout (ChECK-2017)” was organized by the IChE RVR & JCCE Student Chapter of Chemical Engineering Department, in association with IChE-Guntur Regional Centre, during 17th–18th February, 2017.
26. Dr. Sreenivas Jayanti, Professor, Department of Chemical Engineering, IIT Madras, delivered a guest lecture on ‘CO₂Capturing by various Techniques’ on 3rd March 2017.
27. Mr. Sk. Ameer Khan, Research Scholar, Department of Chemical Engineering, NIT Warangal, delivered a guest lecture on ‘Chemical Engineering Computations by using MAT LAB’ on 9th February, 2017.
28. Mr. K. Srinivasa Rao, S.E, QC&QA Circle, Nuzvid, delivered a lecture on the topic ‘An insight to Polavaram Project and Velugonda Tunnel’ on 19 Feb, 2017.
29. Scientist G. Prabhakar, Nuclear Power Corporation of India, Mumbai, delivered a lecture on the topics ‘Design forces and beyond Design Basis’ and ‘Career opportunities in the Department of Atomic Energy (DAE)’, on 17 Feb, 2017.
30. Dr. B. V. Mudgal, Professor, Center for Water Resource, Anna University, Chennai delivered a lecture to all second and third year B.Tech students on ‘Fundamentals of Fluid Mechanics and their Applications’ on 23 February, 2017.
31. Dr. Chandrasekhar Putcha, Professor, Department of Civil and Environmental Engineering, California State University, Fullerton, delivered a lecture to all the second and third year B.Tech students on ‘Applications of Reliability and Risk Analysis in various Disciplines’ on 14 June, 2017.
32. Dr. Ranbir Sinha, Rocket Scientist, Switzerland, delivered a lecture to the third year B.Tech students on ‘Effective Communication Skills for Engineers, Scientists and Educators’ on 23 June, 2017.
33. Mr. K. Sai Prasad Chowdary, Director, Veda Tech Pvt. Ltd, Hyderabad, delivered a lecture to all the third year B.Tech students of ECE ,on the ‘Importance of Higher Education’ on 15 February 2017.
34. Mr. S. R. T. Ramasamy, Vice President, Efftronics Pvt. Ltd., Vijayawada, delivered a lecture to all the third and final year B.Tech students of ECE,on ‘Embedded Systems’ on 9 March 2017.

35. Dr. M. Chakravarthy, Scientist-G, Group Director, Antenna Division, Defence Electronics Research Laboratory, Hyderabad, delivered a lecture to all the third year B.Tech students of ECE, on the 'Broadband Antennas' on 30 June 2017.
36. The Department organized a two day work shop on 'Autonomous robotics' by Ramson semiconductor Pvt.Ltd, Punjab, for the third B.Tech students during 14 – 15 February 2017.
37. A two day National level seminar on 'Ethics and Human Values in Engineering' was organised during Jan 5-6 (2017).
38. A SERB sponsored two day National Seminar on 'Advances in Composite Materials' was organized during 20-21 March 2017.
39. Mr. N.R.M. Das, Principal, Divisional Training Centre, LIC of India, Machilipatnam, and Mr. P. S. Bagavath Rao, Principal, Area Training Centre, LIC of India, Guntur, delivered a lecture to all the final year students on 'Career Prospects and Opportunities for Management students in BFSI Sector with focus on Insurance Sector', on 23 January, 2017.
40. Dr. R. Siva Rama Prasad, Head, Department of Commerce and Business Administration, Acharya Nagarjuna University, delivered a lecture to all the final year students on 'The Relevance and Importance of Technology for today's Business and Industry', on 8 February, 2017.
41. Mr. Ch. Venkata Babu, alumni of RVRJCCE (MCA-2014 Batch) currently, working as Sr. Software Engineer, Accenture, Hyderabad, conducted a one day workshop on 'Modern Web Development' to the students of second MCA on 25 February, 2017.

Industrial Tours

1. The students of second year, went on a short tour to M/s. JOCIL Ltd., Dikiparru, Guntur and students of third year went on a short tour to M/s. Sri Dhanalakshmi Group of Industries (Oil Division), Guntur, on 26th July and 21st September, 2016 respectively. These Industrial trips gave students some practical exposure.
2. 209 students of third B.Tech, visited Dr. Narla Tata Rao Thermal Power Station (NTTPS), Vijayawada, during 7 - 9 September 2016. These students who visited the plant in 3 batches, got an insight regarding the internal working of power station. 'This real life experience was simply exciting', students said, after their visit to the NTTPS.
3. The students of third year went on a short tour to Andhra Sugars Ltd., Tanuku, on 10th March. Students of third year went on a short tour to M/s. K.C.P.Ltd.,
4. (Sugars Division), Vuyyur, on 6th January, and second year students went on a short tour to M/s. Sri Dhanalakshmi Group of Industries, Ganapavaram, Chilakaluripet on 4th January, 2017. These Industrial trips gave students some practical exposure.
5. The third year Civil Engineering students visited Durga Flyover, Vijayawada on 24th March. During the visit, students were explained about the construction of Pile cap, pier and Casting of spine and wings for flyover at the casting yard.
6. An Industrial tour for II/IV B.Tech EEE students was organized by the EEE department to Kumar Pumps and Motors Plant, Tenali, Andhra Pradesh during 9-11 February, 2017. Total 209 students have visited during two days. The students who visited the plant in 3 batches got an insight regarding the internal working of practical equipment. This real life experience was simply exciting, students said, after their visit to Pumps and Motors Plant.
7. The students of final year MBA visited 'NSL Textiles' at Yadlapadu, Guntur on 9 February 2017. The students of first and final year MBA visited 'Pearl Beverages Ltd' at Nadimpalem, Guntur on 10 February 2017.

Training Programmes

1. A one week training was held by the Triumphant Training Solutions and Seventh Sense Talent Solutions for all final year B.Tech and MCA students, in two spells, i.e., during 11–24 July 2016.
2. An interactive session was conducted by Mr. Satyam Pandya, from M/s. Benz on 23 July, 2016 for III/IV B.Tech Mechanical Engineering students.
3. A three day workshop on ‘AP Cloud’ was organised by Miracle Software Systems, Visakhapatnam for IV/IV B.Tech (CSE & IT) & III/III MCA students during 1 - 3 September 2016.
4. An awareness programme was held on ‘AMCAT Test for Placements’ by Aspiring Minds Assessment Pvt. Ltd. Hyderabad, on 30 November 2016 for all the final year B.Tech students.
5. A talk was given on ‘Future Placements’, AMCAT Test and CoCubes’ by Dr.G.S.Prasad, Dean, T & P Cell, during 7 - 8 December, 2016 for all the final year B.Tech students.
6. An awareness programme was held on “Introduction to Aptitude and its Importance” by Mr. Jalapati Sreedhar, Triumphant Training Solutions and “Orientation on Pre Placement Training Industry Expectations” by Mr. Ravi Theja & Team, Seventh Sense Talent Solutions, on 25 January, 2017 for all the third year B.Tech & second year MCA students.
7. A two week Campus Recruitment Training (CRT) was held by the Triumphant Training Solutions and Seventh Sense Talent Solutions for all third year B.Tech and second year MCA students, in two spells, i.e., during February and June 2017.
8. A Talk was given by Mr.Kishore, Project Manager NetAct Systems (Nokia) on 25 February, 2017 on “Enabling Students to fare well in their Careers” for third B.Tech (CSE & IT).
9. A Talk was given by Mr. Avinash Raman, Campus Recruitment, Tata Consultancy Services on “Introduction to Campus Commune & Myth Vs Reality” on 2 March, 2017 for B.Tech (IV/IV) TCS selected students and B.Tech (III/IV) students.

Comprehensive student monitoring system

Objectives:

The objectives of the comprehensive student monitoring system are:

- To monitor the students regularity & discipline
- To enable the parents to know about the performance & regularity of their wards.
- To counsel and direct the students to achieve the intended goals.


The college has an effective and automated Student Information System for recording students attendance as well as performance in the internal Exams being conducted in each semester. Following is the procedure followed to enhance the performance of the students.

- The teacher takes students attendance in every class during the first five minutes, and after the class completion enters the list of absentees in the academic activity register to enable the head of the department to monitor the students in each period of the day.
- Daily attendance report sent to parent as a message
- The class in-charges prepare the monthly attendance of the students for each section and sends the information to the parents of defaulters through proper channel.
- The following measures are being taken for improvement of the attendance of the students:-
- The concerned teacher enquires and counsels the student if he is absent for two continuous classes.
- The class-incharge enquires and counsels the student if he is continuously absent for more than two days and directs him to HoD for necessary action.
- The HOD warns the student if he is absent continuously for more than one week and informs the parents about his irregularity.
- The HOD calls the parents of a student if he is absent continuously for more than two weeks, enquires the reason and advises them to take care of their ward.
- The HOD forwards the details of a student to the Principal for further action if he is absent continuously even after informing his parents.
- The HOD and the class in-charge counsel the students regularly, assist them in solving their personal & academic problems and give career guidance.
- The teachers identify the slow learners of the class and assist them in improving their performance by providing required help.
- Every student participates in the events conducted in the college or other colleges with the prior permission of the concerned HOD.

Evidence of Success:

- Improvement in attendance of the students speaks volumes regarding steps taken for monitoring the students.
- Decrease in detention rate justifies the mechanisms adopted for monitoring the students.
- Enhancement in performance of the students due to regular monitoring and discipline in the college is an evidence of success of the practice.

[Download PDF](#)

Reg.No.: Y14CE828	Name: CHANDRA HARSHITHA (HRNo.-105)
	Father Name: CHANDRA SRI HARI RAO
	Address: FT.NO-6,GONUGUNTILAA,SRINIVAS NAGAR
	: PALAPADU ROAD,RAYAPADU(P)
	: NARASA RAO PET(M),GNT(D)
	: 522601
Phone No.:	(Res:-) (Parent:-)9885974258 (Stu:-) edit

Academic Performance (GRADES) (Updated on January 24, 2018)

Semester	Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Lab1	Lab2	Lab3	Lab4	SGPA	CGPA
1-Semester	S	S	S	A	S	S		A	S			9.77	9.77
2-Semester	S	S	S	A	S			S	S	S		9.83	9.80
3-Semester	S	S	A	A	S	S		S	S	S		9.73	9.78
4-Semester	A	S	S	S	A	A		S	S	S		9.60	9.73
5-Semester	S	S	A	S	S	S		S	S	S		9.87	9.76
6-Semester	S	S	S	A	A	S		S	S			9.71	9.75
7-Semester	S	A	B	S	A	S		S	S	S		9.48	9.71
8-Semester													

Attendance Report for BTech, 8th Semester for the period 27 November 2017 and 29 March 2018

Roll No	421	422	423	424	461	462	463	TPC	TCC	%
Y14CE828	55/57	40/47	42/48	46/52	36/36	66/66	-	285	306	93.14

Internal Marks Report for BTech, 8th Semester

Exam Details	421	422	423	424
AssignmentTest-I(12M)	12 (6,6)	10.5 (5.5,5)	11 (5.5,5.5)	11 (5.5,5.5)
SessionalTest-I(18M)	17 (5.5,5.5,6)	15 (4.5,5.5,5)	16.5 (5,6,5.5)	16 (5.5,5.5,5)

Academic Performance (% of Total ATT, Final Int.Marks, % of Final ATT, % of Final Int.Marks, Year of Study)

Semester	Sub1		Sub2		Sub3		Sub4		Sub5		Sub6		Sub7		Lab1		Lab2		Lab3		Final %		Academic Year
	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	Att	Int	ATT	IntM	
1-Semester	100	32	95	28	88	28	95	32	97	30	90	26	--	--	91	33	100	28	--	--	94.2	74.1	2015-2016
2-Semester	98	33	86	19	92	14	94	23	84	29	--	--	--	--	93	29	100	28	91	32	91.8	64.7	2015-2016
3-Semester	74	16	82	20	76	18	76	17	91	21	80	22	--	--	93	26	94	20	90	20	84.7	50	2016-2017
4-Semester	75	19	73	16	73	14	87	22	68	17	76	15	--	--	100	25	71	28	93	38	80	53.9	2016-2017
5-Semester	78	21	57	12	70	16	83	22	73	25	71	17	--	--	100	25	57	22	69	30	74.6	52.8	2017-2018
6-Semester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	--	--
7-Semester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	--	--
8-Semester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	--	--

Detailed Attendance Report in this Semester

SNo	Date	8.10	9.00	9.50	10.40	11.30	12.20	13.10	14.00	14.50	15.40
1	30, November 17			P (321-2)							
2	01, December 17			P (321-2)		P (325-1)		P (323-2)	P (326-1)		
3	04, December 17				P (362-3)			P (325-2)			
4	05, December 17			P (321-2)		P (322-1)		P (325-2)		P (324-1)	
5	06, December 17			P (324-2)	P (326-1)	P (326-1)				P (322-1)	
6	07, December 17			P (321-2)				P (361-3)			
7	08, December 17			P (322-2)		P (325-1)		P (323-2)		P (326-1)	
8	11, December 17			P (362-3)				P (325-2)		P (326-1)	
9	12, December 17			P (322-2)		P (322-1)		P (324-1)	P (325-2)		
10	13, December 17			P (323-2)		P (326-1)				P (322-1)	
11	14, December 17			P (321-2)				P (361-3)			
12	15, December 17			P (322-2)		P (325-1)		P (323-2)		P (326-1)	