

Annual Quality Assurance Report (AQAR) For the Academic Year 2015-16

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.

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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:

09849671873

Name of the IQAC Co-ordinator:

Dr. K Chandra Sekhar

Mobile:

09393194449

IQAC e-mail address:

rvrjcce@hotmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

APCOGN19176

1.4 NAAC Executive Committee No. & Date:

(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)

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

1.5 Website address:

www.rvrjcce.ac.in

Web-link of the AQAR:

<http://rvrjcce.ac.in/AQAR-2015-16.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)

2015-16

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 _____ (22/10/2015)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

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 (Phys Edu)

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="07"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="00"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="00"/>
2.9 Total No. of members	<input type="text" value="13"/>
2.10 No. of IQAC meetings held	<input type="text" value="02"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="02"/> Faculty <input type="text" value="01"/>
Non-Teaching Staff	<input type="text" value="01"/>
Students	<input type="text" value="01"/>
Alumni	<input type="text" value="01"/>
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"/>
International	<input type="text"/>
National	<input type="text"/>
State	<input type="text"/>
Institution Level	<input type="text" value="00"/>
(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:

- Implementation of Outcomes Measurement for the courses in the Programme
- Standardization of internal assessment pattern for all UG Programmes
- Effective implementation of learning management system (MOODLE).

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 2015-16* :

Research	
Plan of Action	Achievements
Encourage the faculty to apply Research Proposals for Research Grants from various funding agencies like DST/AICTE/UGC/DRDO/ISRO etc.,.	Fifty one research proposal were submitted to UGC under the scheme Minor Research projects
Motivate faculty to attend Seminars and Workshops, Conferences and publish papers in reputed journals.	Encouraged the faculty to attend faculty development programs, Seminars and Conferences to enhance their domain expertise and knowledge of latest trends by sponsoring with financial support.
Organising department wise Conferences/ Seminars on Contemporary topics	Conducted Seminars & Workshops on latest topics in various departments.
Teaching and Learning	
Plan of Action	Achievements
Effective monitoring of the attainment of Course outcomes, Programme outcomes and Programme educational objectives	i) Colleting academic Data semester wise from HODs for analysis ii) Collecting feedback from stakeholders for the improvement of teaching-learning processes.
Adapting innovative delivery methods	i) Interactive and collaborative learning methods with effective use of technology. ii) Additional revision lectures and practical sessions iii) Support from expert guest faculty from industry and academia. iv) Guidance and sponsoring one way fare to the students to participate national level inter institution Competitions/seminars/workshop

Collaboration with Industry and Institutions of repute	MOU with reputed Organizations to conduct Industrial visits, summer internship and for delivering expert Lectures.
Infrastructure	
Plan of Action	Achievements
Strengthening of Networking and Computing Facilities	i) Developing software (Online Academic Activity Portal) to facilitate the faculty to enter the details of hourly attendance, coverage of syllabus and internal exam marks for each class. ii) Wi-Fi modems are installed at various places in the campus. iii) Latest Computers are procured to improve computing facility.
Enhancing built up space as per the sanction intake	Infrastructural facilities are enhanced by constructing new buildings for better learning environment.
Uplifting the sports ground and facilities for sports and games	Sports facilities are improved by developing grass cricket ground.
Plan of action chalked out and Achievements for the year 2015-16	
Plan of Action	Achievements
Conducting FDP programs on current topics	In the academic year 2015-2016, 241 Faculty members have participated in the workshops/STTPs/FDPs/ Orientation programs organized by various Institutions across the country at national or at international level
Obtaining NBA Accreditation for UG programs of EEE, ECE, CSE, ME & IT.	Prequalifying proforma uploaded and approved. Granted permission to upload SAR for five programs which are CSE, ECE, EEE, ME and IT.
Organizing Campus Recruitment Training programs to Engineering students to enhance their employability skills.	Forty nine companies visited the campus for recruitment drive during academic 2015-16. 589 students got placement.
Beautification of the college campus by planting, decorative and ornamental plants to create good ambience	Campus appears clean and green. Campus ambience is good which creates eco friendly environment.

* Attach the Academic Calendar of the year as Annexure. **Annexure- II**

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. Refer to 2.15 for details.

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	Mechanical Department has been recognized as Research Centre. 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 stakeholders. 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 necessary 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 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	Yes
Trimester	Nil
Annual	Nil

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

Mode of feedback : Online Yes 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 also 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 will collect 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 of the various programs will be revised / updated based on Industry needs, Demand Analysis, opinion of Academic and Industrial Experts.
- The present curriculum was revised in the year 2012.
- Major revisions in curriculum are not carried out during this academic year.

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
	340	265	45	30	---

2.2 No. of permanent faculty with Ph.D.

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
	28	--	--	--	1	--	--	--	29	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	27	39	--
Presented	27	39	--
Resource Persons	1	3	--

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

During this academic year the faculty altered their regular teaching plans by implementing novelty methods in teaching as follows

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

- Teachers prepared lecture materials incorporating the audio visual methods. Many such lecture outlines are also given to the students as reading materials and LCDs are used in all the courses for teaching.
- HOD periodically monitored teacher's dairy and lesson plans and suggest corrective measures for deviations if any.
- Design based experiments and project works are given to the students.

2.7 Total No. of actual teaching days 203
during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, 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 64
as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students 85.56

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	41	27	71	2	----	100
B.Tech in CE	129	32	67	1	---	100
B.Tech in CSE	194	61	38	1	---	100
B.Tech in ECE	208	54	45	1	----	100
B.Tech in EEE	133	60	40	0	---	100
B.Tech in IT	99	41	58	1	---	100
B.Tech in ME	192	39	60	1	---	100

MBA	110	49.1	49.1	1.8	--	100
MCA	80	61.25	38.75	--	--	100
MTech PSE	18	61.11	38.89	--	--	100
MTech MD	13	100	--	--	--	100
MTech CSE	22	68.18	31.8	--	--	100
MTech CE&SP	17	94.11	5.8	--	--	100
MTech CS&T	15	86.66	13.33	--	--	100
M.Tech SE	14	10	--	--	--	100

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 enhance the teaching and learning
- Does continuous assessment of students through examination results, curricular and co-curricular activities. Through SAR, feedback reports from the students the quality of the faculty is measured.
- Prepares action Report and the Principal takes necessary steps to implement them.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty</i>
Refresher courses	--
UGC – Faculty Improvement Programme	15
HRD programmes	21
Orientation programmes	4
Faculty exchange programme	--
Staff training conducted by the university	49
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	125
Others	15

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	71	--	--	--
Technical Staff	57	--	01	--

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 one academic year. In the year 2015-2016, 241 Faculty members have participated in the workshops/STTPs/FDPs/ Orientation programs organized by various Institutions across the country at national or at 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 166 papers are published by the faculty in reputed national/international journals/conference proceedings during 2015-2016
- To participate in BOS, Academic activities of other institutions /universities /industries to attain skills in revision/update /design of the course curriculum.
- To establish technology incubation center
- To See that results of research lead to publications/patenting/product generation

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	2	-	7
Outlay in Rs. Lakhs	65.12	15.4	-	65.12

3.3 Details regarding minor projects

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

3.4 Details on research publications

	International	National	Others
Peer Review Journals	154	04	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	27	39	--

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 organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 Years 2013-Till date	UGC, DST	40,93,000/-	27,35,000/-
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>	1 Year 2015-16	College Management	2,75,000/-	2,75,000/-
Any other(Specify)				
Total			43,68,000/-	43,68,000/-

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

7.29 Lakhs

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	--	--		--	--
Sponsoring agencies	--	--		--	--

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

8

3.13 No. of collaborations

International

--

National

Any other

3.14 No. of linkages created during this year

01

3.15 Total budget for research for current year in lakhs :

From Funding agency

15.4

From Management of University/College

--

Total

15.4

3.16 No. of patents received this year

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

3.18 No. of faculty from the Institution

who are Ph. D. Guides

58

and students registered under them

232

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

5

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

JRF

SRF

Project Fellows

2

Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="6"/>	International level	<input type="text" value="--"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="44"/>	State level	<input type="text" value="44"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="12"/>	State level	<input type="text" value="5"/>
National level	<input type="text" value="1"/>	International level	<input type="text" value="--"/>

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>
NCC	<input type="text" value="5"/>	NSS	<input type="text" value="20"/>
		Any other	<input type="text"/>

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

- Teachers Day was celebrated on 5th September 2015.
- The college highlighted the importance of literacy, during national education day, on 11th November 2015 which commemorates with the birth anniversary of Bharat Ratna Abul Kalam Azad.
- 31st October 2015 was declared National Unity Day to spread awareness about Sardar Vallabhai Patel's contribution to Indian history as well as to spread the message of unity, safety, and security of the nation.
- The college observed Engineers Day by organising Technical Exhibition during 15 - 16 September 2015. Nearly 169 exhibits were developed and displayed by the students of different branches.

- Our college NCC Unit , Associate NCC officer, Capt. (Dr) V.Chittaranjan Das has been received best ANO award for the year 2014-2015 from Colonel B.Harikrishna Naidu Guntur Group Commander on 22-11-2015 on the occasion of NCC day celebrations
- Our NCC cadet Sri M.Rahul APSD /2013/229874 has received Best cadet award for the academic year 2014-2015 from Colonel B.Harikrishna Naidu Guntur Group Commander on 22-11-2015 during NCC day celebrations.
- NSS PO Sri M.Sudhakar received State Award from NTR Memorial Trust Blood Bank Hyderabad for fourth time since 2011.
- Two of our NSS Volunteers, Mr.P.Saty Hithesh, Regd.No.Y13EE926 and Ms.B.Mounika, Regd.No.Y13CE821 have participated in State Level Event held at Hyderabad Central University on “Integration & Youth Exchange” programme during 25-27th December 2015, organized by NSS Cell of HCU.
- Four of our NSS Volunteers, Mr.P.Satya Hithesh, Y13EE926; Mr.M.Siva Rama Krishna, Y12IT872; Ms.M.Bhanu Keethi, Y13EE902 and Ms.M.Naga Rohitha, Y13IT872, were selected by the Acharya Nagarjuna University to participate in a prestigious National Level Event “National Integration Camp”. The above students, representing our State, University and the College, have participated in the NIC, held at Alva’s College, Mangalore, Karnataka state during 29 Jan. to 4th Feb.2016, sponsored by NSS Regional Centre, Bangalore and Govt. of Youth Affairs and Sports.
- Mechanical Engg., students stood runner up in Skip pad test in ‘*Hybrid Vehicles Challenge*’ organized by Imperial society of innovative engineers (ISIE) at Bhopal during 24-27 Jan,2016.
- Mechanical Engg., students stood runner up in static tests and got second prize in costing category, This is the second vehicle since 2016-Now it is an electrical vehicle designed & fabricated by a team of 30 students and participated in prestigious SAE India E-baja competition held at indore and secured a cash prize of Rs20000/- during Feb 21 ,2016.

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	51.80	--	NES	51.80
Class rooms	77	18	NES	95
Laboratories	58	4	NES	62
Seminar Halls	5	--	NES	5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	6	3	NES	9
Value of the equipment purchased during the year (Rs. in Lakhs)	14,11,97,520	44,81,682	Tuition fee	14,56,79,202
Others	40,15,94,493	10,13,90,611	Tuition fee	50,29,85,104

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 Library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	96,097	2,15,87,683	416	73,238	96,513	2,16,60,921
Reference Books						
e-Books	MGH	1,52,750	--	--	MGH	1,52,750
Journals	4,486	58,49,142	111	1,23,404	4,597	59,72,546
e-Journals	4,658	37,04,275	2329	1747055	6987	5451330
Digital Database	1	614255	--	--	1	614255
CD & Video	3648	1735511	--	--	3648	1735511
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1340	16	16Mbps (Dedicated) 40Mbps (Shared)	2	3	25	1030	40
Added	--	--	--	--	--	--	--	--
Total	1340	16		2	2	25	1030	40

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

--nil--

4.6 Amount spent on maintenance in lakhs:

i) ICT	12,91,676/-
ii) Campus Infrastructure and facilities	57,89,806/-
iii) Equipments	9,36,557/-
iv) Others	5,48,41,143/-
Total :	6,28,59,182/-

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, Health care, Computing, 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.

5.2 Efforts made by the institution for tracking the progression

Students 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 Extracurricular activities

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4527	704	--	--

(b) No. of students outside the state

--

(c) No. of international students

--

Men	No	%	Women	No	%
	2989	57.14		1742	42,86

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenge d	Total
2711	560	170	1592	2	5036	2815	584	175	1627	-	5201

Demand ratio 96.31

Dropout % 0.002

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- 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.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE	87	CAT	9
IAS/IPS etc		State PSC		UPSC		Others	95

5.6 Details of student counselling and career guidance

- Mentoring and counselling process is followed continuously
- This process has successfully resulted in improved student performance
- Training and Placement Cell conducted 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

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
49	999	587	105

5.8 Details of gender sensitization programmes

- The Lady Advisory Committee (LAC) organised a talk for all the final year engineering girl students on 'Capacity Building of Women Through Skills' on 12th August 2014. Dr. T. D. Vimala, Retd. Principal, Govt. Degree College, Guntur, enlightened students on how a woman can empower herself with a strategic approach at three levels like - psychological, Physical and social, in order to achieve ones objectives in a sustainable manner.

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 2015-2016	Number of students	Amount
Financial support from institution	227	32,90,000/-
Financial support from government	2931	14,35,00,500/-
Financial support from other sources	--	--

5.11 Student organised / 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:

Over crowd in the College buses is slowed.

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 man power 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 man power possessing Technological and Managerial Knowledge and Skills, Attitudes and Values needed to make an honorable living and contribute to the socioeconomic 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

We are 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 yearly basis. Feedback is collected to frame syllabus from students and other stakeholders.

6.3.2 Teaching and Learning

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

- Problem based learning
- Pre placement training
- Initiative to arrange more campus placement drives
- 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 counselling the students as well as faculty

- Conducting extra classes for the academically backward students
- Separate administration setup to plan and monitor teaching and learning process based on course outcomes
- 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 for spot valuation is being prepared by internal faculty members
- Spot valuation is carried out by faculty from external members 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 funded projects & for all types of research promotions.

- Exclusive Administration setup with Convener R&D
- R&D committee to review and motivate research
- Enhanced incentives for research publications
- 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 enhance 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
- 16 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 provided 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) for Professors, Associate Professors and Assistant Professors
- 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 : 5 Lakhs For All committee conveners: 4 Lakhs For all Associate Professors/Assistant Professors: 3 Lakhs➤ 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 2 Lakhs For daily wage workers 1 Lakh ➤ Gratuity to all Non-Teaching staff
Students	<ul style="list-style-type: none"> ➤ Offering scholarships by the College Management 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 by Management. ➤ Students Group personal accidental Insurance of 1 Lakh ➤ 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 declares results within 30 days?

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 from University Colleges/NIT/IIT Faculty.
- Examiners for end examinations are from other University Colleges Faculty.
- 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 eminent personalities 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

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 development.

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.

- Continuous monitoring of progress in syllabus completion through online academic activity report.
- Monitoring of students performance in mid-term exams, attendance, arranging
- Student Interaction and Counseling etc.
- Taking regular student feedback on effectiveness in teaching.
- Equipped the class rooms with LCD etc.
- LCD screens were placed at various places in the campus to display Notices / Circulars
- Subscribing to wide range of technical magazines, journals and proceedings and by having membership in DELNET and subscribing for all journals prescribed by AICTE for effective knowledge sharing.
- Established recognized research center in Mechanical Engineering Department which is useful for both students and faculty for doing mini projects, projects and research.
- Special classes for slow learners are conducted.
- Encouraged the students to undergo internship during summer vacation.
- Encouraged the students to participate in extracurricular activities such as sports, NCC, NSS & cultural etc. for all-round development.
- Motivated the faculty to apply for research grants from funding agencies.
- Proctor system 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 (2015-16) 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
Academic Schedule	Implemented as per the schedule
Course delivery	Completed as per the lecture schedules
Workshops/Seminars/Guest Lecturers/ Training programs	Conducted as per the proposals
Sending applications for Research funding	Proposals are submitted
Applying for NBA renewal for all eligible branches	NBA Pre-qualifying Pro form uploaded and qualified for submission of Tier –II SAR. SAR reports are prepared for submission

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 rain water 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)

8. Plans of institution for next year

❖ Research

- Encourage the faculty to apply Research Proposals for Research Grants from various funding agencies like DST/AICTE/UGC/DRDO/ISRO etc.,.
- Motivate faculty to attend FIP/FDP, Seminars and Workshops, Conferences and publish papers in reputed journals.

❖ Teaching and Learning

- Effective monitoring of the attainment of Course outcomes, Programme outcomes and Programme educational objectives
- Adapting innovative delivery methods
- Collaboration with Industry and Institutions of repute

❖ Infrastructure

- Strengthening of Networking and Computing Facilities
- Enhancing built up space

❖ The institution would like to organise the following programs:

- Conducting FIP programs on current topics
- Obtaining NBA Accreditation for UG programs of EEE, ECE, CSE, ME & IT
- Organising Campus Recruitment Training programs to Engineering students to enhance their employability skills
- Beautification of the college campus by planting, decorative and ornamental plants to create good ambience

Name : Dr.K Chandra Sekhar

Signature of the Coordinator, IQAC



Name: Dr.K Srinivasu

Signature of the Chairperson, IQAC

PRINCIPAL
R.V.R. & J.C. College of Engineering
Chandramoullpuram, Chowdavaram
GUNTUR - 522 019.

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 2015-2016

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

DT: 07-05-2015

Academic Calendar for III/IV B.Tech., for the Academic Year 2015-2016 (Autonomous)

S.No.	Description	3 rd Semester	4 th Semester
1	Date of commencement of Class work	20-07-2015	28-12-2015
2	Commencement of First Assignment Test	17-08-2015	01-02-2016
3	First Series Sessional Test (Mid Exams)	17-09-2015	29-02-2016
4	Commencement of II-Assignment Test	26-10-2015	31-03-2016
5	Last Instruction Day	21-11-2015	30-04-2016
6	Second Sessional Test (Mid Exams)	23-11-2015	02-05-2016
7	Preparation Holidays	29-11-2015	08-05-2016
8	Commencement of Semester-end Examinations	07-12-2015	02-06-2016
9	Semester end Practical Examinations	After Theory Examinations	After Theory Examinations

Dasara Vacation :: 19-10-2015 to 24-10-2015

Pongal Vacation :: 11-01-2016 to 16-01-2016

Commencement of III/IV B.Tech., class work for the Academic Year 2016-'17 :: 15-06-2016

Academic Calendar for III/IV B.Tech., for the Academic Year 2015-2016 (Autonomous)

S.No.	Description	5 th semester	6 th semester
1	Date of commencement of Class work	08-06-2015	16-11-2015
2	Commencement of First Assignment Test	06-07-2015	17-12-2015
3	First Series Sessional Test (Mid Exams)	03-08-2015	19-01-2016
4	Commencement of II-Assignment Test	07-09-2015	22-02-2016
5	Last Instruction Day	09-10-2015	24-03-2016
6	Second Sessional Test (Mid Exams)	12-10-2015	26-03-2016
7	Preparation Holidays	18-10-2015	02-04-2016
8	Commencement of Semester-end Examinations	27-10-2015	12-04-2016
9	Semester end Practical Examinations	After Theory Examinations	After Theory Examinations

Dasara Vacation :: 19-10-2015 to 24-10-2015

Pongal Vacation :: 11-01-2016 to 16-01-2016

Commencement of IV/IV B.Tech., class work for the Academic Year 2016-'17 :: 15-06-2016

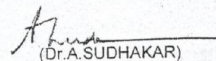
Academic Calendar for IV/IV B.Tech., for the Academic Year 2015-2016 (Autonomous)

S.No.	Description	7 th semester	8 th semester
1	Date of commencement of Class work	01-07-2015	14-12-2015
2	Commencement of First Assignment Test	03-08-2015	20-01-2016
3	First Series Sessional Test (Mid Exams)	31-08-2015	17-02-2016
4	Commencement of II-Assignment Test	12-10-2015	16-03-2016
5	Last Instruction Day	10-11-2015	31-03-2016
6	Second Sessional Test (Mid Exams)	12-11-2015	01-04-2016
7	Preparation Holidays	19-11-2015	05-04-2016
8	Commencement of Semester-end Exams	25-11-2015	13-04-2016
9	Semester end Practical Examinations	After Theory Examinations	After Theory Examinations

Dasara Vacation :: 19-10-2015 to 24-10-2015

Pongal Vacation :: 11-01-2016 to 16-01-2016

Graduation Day :: 2nd week of June 2016.


(Dr. A. SUDHAKAR)
PRINCIPAL

Copy to:

1. All HODs :: with a request to circulate among their staff and inform the students.
2. Deans
3. Librarian
4. Examination Section
5. Examination Cells
6. Office
7. Web-Studio

rv:ur

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

DT: 25-07-2015

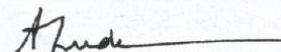
Academic Calendar for I/IV B.Tech., for the Academic Year 2015-2016 (Autonomous)

S.No.	Description	1 st Semester	2 nd Semester
	Date of commencement of Class work	20-07-2015	28-12-2015
	Commencement of First Assignment Test	17-08-2015	01-02-2016
	First Series Sessional Test (Mid Exams)	17-09-2015	29-02-2016
	Commencement of II-Assignment Test	26-10-2015	31-03-2016
	Last Instruction Day	21-11-2015	30-04-2016
	Second Sessional Test (Mid Exams)	23-11-2015	02-05-2016
	Preparation Holidays	29-11-2015	08-05-2016
	Commencement of Semester-end Examinations	07-12-2015	02-06-2016
	Semester end Practical Examinations	After Theory Examinations	After Theory Examinations

Dasara Vacation :: 19-10-2015 to 24-10-2015

Longal Vacation :: 11-01-2016 to 16-01-2016

Commencement of I/IV B. Tech., class work for the Academic Year 2016-'17 :: 15-06-2016


(Dr. A. SUDHAKAR)
PRINCIPAL

Copy to:

1. All HODs :: with a request to circulate among their staff and arrange to be read in all I/IV B.Tech., class rooms.
2. Deans
3. Librarian
4. Examination Section
5. Examination Cells
6. Office
7. Web-Studio

ACHARYA NAGARJUNA UNIVERSITY



REGISTRAR

NAAC B ++
80-85 GRADE
POINTS

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

11 MAY 2016

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No. 2997

Telephone No: 0863-2293189

Date : 23-04-2016

No. ANU/Acad.,/M.Tech Acad.Cale /2016

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PROCEEDINGS OF THE VICE - CHANCELLOR

Sub: ANU - Academic -Academic Calendar 2015-16 of I/II M.Tech
Course - Orders.- Issued.

- Read:1. Letter dated 12-03-2016 from the Dean Faculty of
Engineering, ANU.
2. Vice-Chancellor's orders dated 21-04-2016.

ORDER:-

Having considered the recommendation of the Committee constituted to
prepare the Academic Calendar for I/II M.Tech Course, the Vice-Chancellor has
approved the Academic Calendar for the academic year 2015-16 as follows:

Academic Calendar for I/II M.Tech (II Sem) course for the
2015 -2016

Sl.No	Description	II Semester Schedule	Remarks
1.	Date of commencement of class work	14-03-2016	-
2.	First Mid Examinations	02-05-2016 to 07-05-2016	After seven weeks
3.	Summer Internship	08-05-2016 to 05-06-2016	Four weeks
4.	Last Instruction day	23-07-2016	Seven weeks after I mid
5.	Second Mid Examinations	25-07-2016 to 30-07-2016	Seven weeks after I mid
6.	Preparation Marks & Attendance	01-08-2016 to 03-08-2016	3 days
7.	Commencement of University Examinations	08-08-2016	-
8.	University Practical Examinations	After Theory Examinations	-

DASARA VACATION: 07-10-2016 TO 13-10-2016

PONGAL VACATION: 09-01-2017 TO 16-01-2017

SUMMER INTERNSHIP (Four Weeks duration) : 01-05-2016 to 05-06-2016.

COMMENCEMENT OF CLASSWORK FOR II YEAR (I SEM) :29-08-2016

[Signature]

REGISTRAR

To

The Dean, Faculty of Engineering, ANU
The Principal, University College of Engineering, ANU

Copies to:-

The Controller of Examinations, ANU
The PA to Vice-Chancellor, ANU
The P.A. to Rector, ANU
The PA to Registrar, ANU

ACHARYA NAGARJUNA UNIVERSITY

REGISTRAR



Telephone No: 0863-2346115
Fax:0863-2293378/2293320
Website:http://www.anu.ac.in

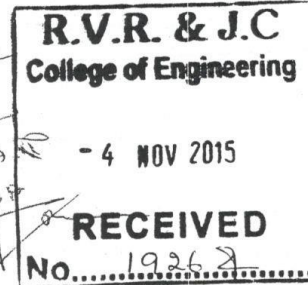
No.ANU/Acad/MBA&MCA.CAL /2015,

Date: 28-10-2015

To
The Principal,
University College of Sciences,
Acharya Nagarjuna University,
Nagarjuna Nagar.

To
The Principal,
University College of Arts, Commerce & Law,
Acharya Nagarjuna University,
Nagarjuna Nagar.

Sir,



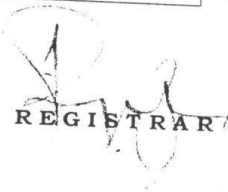
Sub: ANU-Academic-Approval of MBA/MCA First year Academic Calendar of the year 2015-16- orders issued.

Ref:1. Proposals from the committee dated :17-10-2015.
2. Rectors orders dated: 26-10-2015.

Having considered the Recommendations of the committee ref. 1 cited above, it is ordered that the academic calendar of MBA/MCA Ist year for the academic year 2015-16 be approved as follows.

MBA & MCA ACADEMIC CALENDAR - 2015 - 2016 (SEMESTER SYSTEM) I YEAR MBA & MCA STUDENTS OF ACADEMIC YEAR 2015-16		
1	Commencement of I Year Admissions	To be decided later by APSCHE
2	Commencement of I Year classes	Tentatively 10-08-2015
3	Last date for closure of admissions	To be decided later
4	Conduct of 1 st Mid Semester Examination	3 rd week of September 2015
5	DASARA Break	19-10-2015 to 24-10-2015
6	Conduct of 2 nd Mid Semester Examination	Last Week of October, 2015
7	Last date for payment of examination fee and submission Exam Applications	12-11-2015
8	Last date for submission of Galley to CE Office	16-11-2015
9	Last date for closure of instruction for I semester	27-11-2015

10	Commencement of I Semester Examination	2-12-2015
11	Commencement of II Semester classes	19-12-2015
12	Christmas	23-12-2015 to 26-12-2015
13	Pongal Break	12-01-2016 to 16-01-2016
14	Conduct of 1 st Mid Semester Examination	3 rd week of February 2016
15	Conduct of 2 nd Mid Semester Examination	Last week of March 2016
16	Last date for payment of examination fee and submission of Exam Applications	30-03-2016
17	Last date for submission of Galley to CE Office	4-4-2016
18	Last date for closure of instruction for II semester	12-04-2016
19	Commencement of II Semester Examination	19-04-2016
20	Summer Vacation starts from	30-04-2016
21	Reopening of the University College/A.N.U. Ongole Campus and Affiliated Colleges having P.G. courses for the academic year 2015-16	22-06-2016


REGISTRAR

Copies to:
All the Principals offering affiliated college MBA/MCA courses.
Controller of Examinations, ANU
Coordinators P.G Examinations .ANU
P.A to Vice-chancellor, ANU
P.A to Rector, ANU
P.A to Registrar, ANU

Acharya Nagarjuna University: Nagarjuna Nagar

Academic calendar for I & II Semesters M.Tech. course for the academic year: 2015-16

Sl. No	Description	I Semester Schedule	II Semester Schedule
1	Date of commencement of class work	15 - 09 - 2015	08 - 02 - 2016
2	First Mid Examinations	16 - 11 - 2015 to 21 - 11 - 2015	04 - 04 - 2016 to 09 - 04 - 2016
3	Last Instruction day	02 - 01 - 2016	02-07-2016
4	Second Mid Examinations	04 - 01 - 2016 to 09 - 01 - 2016	04- 07 - 2016 to 11 - 07 - 2016
5	Preparation Marks & Attendance	18 - 01 - 2016 to 20 - 01 - 2016	12 - 07 - 2016 to 18 - 07 - 2016
6	Commencement of University Examinations	21 - 01 - 2016	19 - 07 - 2016
7	University Practical Examinations	After Theory Examinations	After Theory Examinations

DASARA VACATION: 18-10-2015 To 24 -10 - 2015
 PONGAL VACATION: 10-01-2016 To 16 - 01 - 2016
 SUMMER INTERNSHIP (Four Weeks duration): 01-05-2016 to 05-06-2016

COMMENCEMENT OF CLASSWORK FOR II YEAR(I SEM) : 08 - 08 - 2016

(Handwritten signature)

(Handwritten signature)
 (DR. N. SUDHAKAR)

(Handwritten signature)
 (DR. K. RAVINDRAN)

(Handwritten signature)
 (DR. P. SURESH BABU)

(Handwritten signature)
 (DR. K. Chandras Sekhara)

MBA & MCA ACADEMIC CALENDAR - 2015-2016 (SEMESTER SYSTEM)		
1	Reopening of the University college/ANU Ongole Campuses and affiliated Colleges	22-06-2015
2	Commencement of Classes for III and V Semester students of MCA	22-06-2015
3	Commencement of Classes for III Semester students of MBA	20-08-2015
4	Dates for payment of examination fees and submission of examination applications for the students of III and V Semesters of MCA course	10-10-2015
5	Dates for payment of examination fees and submission of examination applications for the students of III Semester of MBA course	24-11-2015
6	Last date for submission of Gallies for III and V semester students of MCA course	15-10-2015
7	Last date for submission of Gallies for III semester students of MBA course	01-12-2015
8	Closure of instruction for III and V semester students of MCA course	16-10-2015
9	Closure of instruction for III semester students of MBA course	10-12-2015
10	Dasara Holidays	19-Oct-2015 to 24-Oct-2015
11	Commencement of MCA III and V semester Examinations	26-10-2015
12	Commencement of MBA III semester Examinations	15-12-2015
13	Practical examinations for III and V Semester MCA students	one week after completion of Theory exams
14	Commencement of classes for MCA and MBA IV semester	17-01-2016
15	Christmas Holidays	23-Dec-2015 to 26-Dec-2015
16	Pongal Holidays	12-Jan-2016 to 16-Jan-2016
17	Dates for payment of Fees and submission of examination applications for IV semester MBA and MCA students	01-04-2016



18	Last date for submission of Gallies for IV semester students of MCA and MBA course	05-04-2016
19	Closure of instruction for MCA and MBA IV semester students	15-04-2016
20	Commencement of MCA and MBA IV semester Examinations	20-04-2016
21	MCA Practical Examination for IV Semester students	One week after completion of Theory exams
22	Examination Timings	11:00 AM to 2:00 PM
23	Summer vacation starts from	30-04-2016
24	Reopening of the University college/Ongole Campus/affiliated Colleges having MBA and MCA Courses for the academic year 2016-17	22-06-2016

* The schedule of MCA and MBA I semester and II semester will be decided basing upon the admission schedule given by APSCHE



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)

88.58% of the students have responded as they are satisfied / extremely satisfied

Analysis:

From the above analysis it can be inferred that majority of the students are able to get the expected depth of the course content.

Assesment of Program Outcomes:

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

89.70% of the students have responded as 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 Assesment of student Experience: (1. Not Satisfied, 2. Some what 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 as as they are satisfied / extremely satisfied while assessing Overall Assesment of student Experience in the college.

Analysis:

From the above analysis it can be inferred that majority of the students delighted 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/Very Good/Good/Average/Poor [5/4/3/2/1]

Q1: Core knowledge imparted

Q2: Extracurricular activities

Q3: Co-curricular activities

Q4: Professional Society Activities:

Q5: Professional skills imparted (Communication skills, Placement skills)

Q6: Team work encouragement in labs and project works

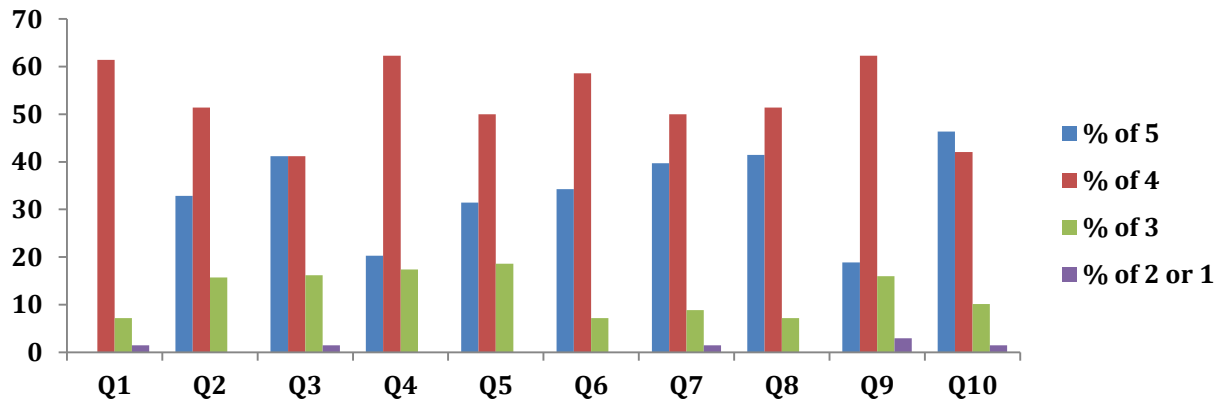
Q7: Self learning opportunities (Labs/Mini-project/Term Paper/Project work)

Q8: Self learning facilities (Library/Internet/Labs):

Q9: Encouragement of Industrial training

Q10: Overall rating of the college

Alumni Feedback Analysis



Analysis:

From the above analysis we infer that

- Majority of the Alumni were able to get the expected depth of the course.
- The contribution level of institution towards their overall improvement is high.
- Most of the Alumni agreed that they gained all the above learning values during their four years course time.
- Most of the Alumni accepted that the contribution level of institution towards their professional improvement is high.
- Most of the alumni are satisfied with the self learning opportunities and facilities given to them during their stay in the college.
- Many of the alumni are satisfied with the industrial exposure created to them during their four year of under graduate course.
- Alumni rated the overall course as the 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

Q1: Obtain solutions to engineering problems and provide quality services to engineering related industries

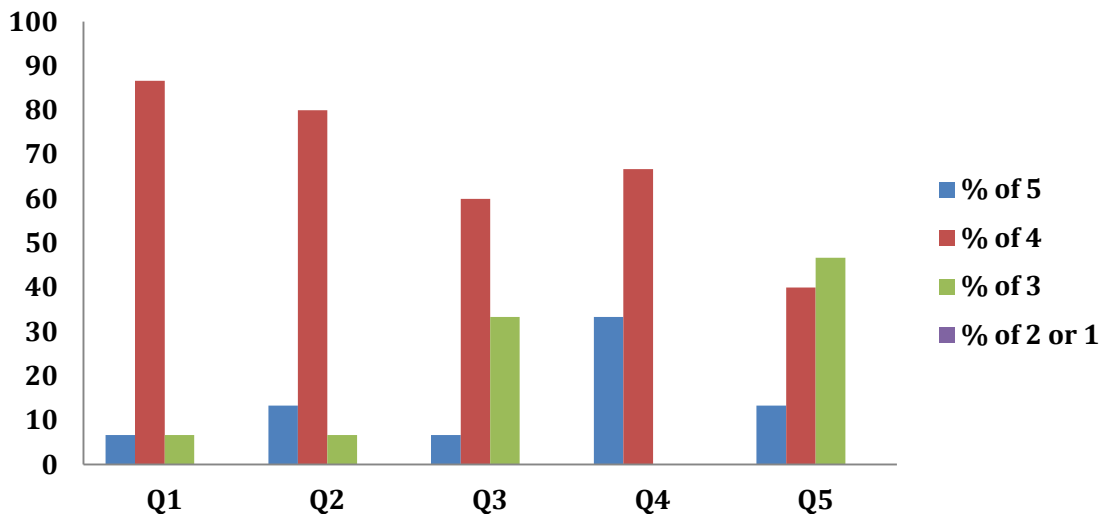
Q2: Act professionally and ethically while making significant contributions for the benefit of community, region, and nation and beyond

Q3: Lead a team as well as being a team player

Q4: Continuously undertake professional development

Q5: Demonstrate skills in organizing and managing business

Employer feedback Analysis



Analysis:

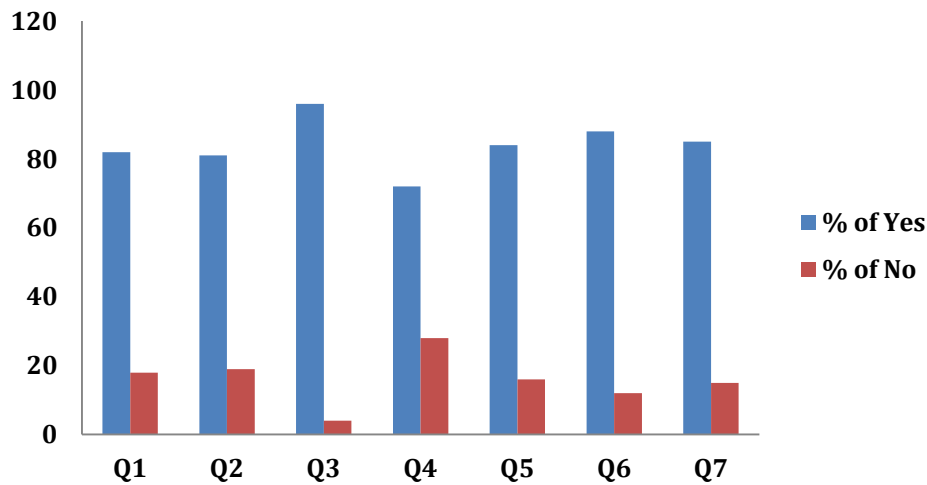
It can be inferred from the employer feedback that

- Most of our students are capable enough in implementing their conceptual knowledge at work place
- Our graduates are professional and ethical at their work place.
- RVR&JCCE students are able to work as a team player and as an individual as well.
- Most of the employers rated in a positive way about their employees (RVR&JCCE students) skills.
- Most of the employers are satisfied with the contribution given by our students in organizing and managing their business.

Analysis of Parents Feedback

- Q1. Do you find this institution better than others for your ward? Yes/ No.
Q2. Do you feel facilities in the institution are adequate? Yes/ No.
Q3. Do you feel that your ward is physically secured in the campus? Yes/ No.
Q4. Are you satisfied about hostel facilities? Yes/ No/Not Applicable.
Q5. Are you satisfied for cooperation from the administrative staff? Yes/ No.
Q6. Can you make direct communication with teaching staff? Yes/ No.
Q7. Do you find up gradation of hard and soft skills in your son/daughter? Yes/ No.

Parents Feedback Analysis



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.
- 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 institution.
- Parents are able to get the cooperation from the administrative staff of the college.
- Parents are able to make direct communication with the teaching staff of the college which helps in knowing the performance of their ward.
- 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

Details of activities conducted for improving students skill set during AY 2015-16 by various departments of the college is as follows.

Workshop Organised :

The Department of Mechanical Engineering organized a DST sponsored two day National Seminar on ‘Development of Tools uses Biomaterials for Medical Applications (DTBMA-2015)’ during 18th -19th, September 2015. 95 participants, including faculty members of interdisciplinary departments, research scholars, postgraduate students of Engineering and Pharmacy, attended the seminar.

Resource persons from Academia, Institutions, Medical practitioners and R&D have delivered lectures and shared their experiences with the participants. Dr. P.N.S. Haritha, MD, DM, Associate Prof. of Cardiology, GGH, Dr. T.S. Sampath Kumar, FIMSA, FBAO, Head, Medical Materials Laboratory, IIT, Madras, Dr.B. Ratna Sunil, Dept. of Metallurgical and Materials Engg, IIT Madras, Dr. L.V.S. Prasad Boppana, MS, Katuri Medical College, Guntur, Dr. M. Prakash, Professor, SIBAR Dental College, Guntur, Dr. M. Ch. Das, HoD, Pharmacology, NRI Medical College, Guntur, were the speakers at the seminar.

A one day National Seminar on ‘Recent Advances in Pavements for Infrastructure Development (RAPID)’ was organized by the department on 19th March 2016. Resource Persons, Prof. G.L.Sivakumar Babu, IISc., Bangalore, Er.D.V.Bhavanna Rao, Project Manager, TPQA, NCRMP, Egis-India Consulting engineers Pvt Ltd., Chief Engineer R&B retired, Dr.S.Sireesh, Associate Professor, IIT-Hyderabad, Dr.V.Ramachandra, Vice President (Tech) -South, Ultra Tech Cement Ltd., Bangalore, Prof.A.Veeraraghavan IITM, Chennai, enlightened the participants about recent developments in road infrastructure, Construction and performance monitoring of geo-synthetic reinforced flexible pavements, Structural Evaluation of Pavements using Falling Weight Deflectometer(FWD, Ground Penetration Radar applications in Pavement Performance and White topping. Nearly, 100 students and 40 faculty members from various Engineering colleges across the state got benefited from this seminar.

A two day workshop on ‘Big Data and Hadoop’ was organized for the final year B.Tech students, during 29th-30th January. Resource Persons, Mr. Rajasekhar Rao Barnala, Senior Solution Integrator, Ericsson, Bangalore, Mr. Mandar Vaidya and Ms. Teja Palisetty, Software Engineers, Subex, Bangalore, educated students on Big Data concepts, Hadoop distributed file system, Map Reduce and Hive. They had also given hands on experience to the students on the same concepts.

A seminar was conducted by IEEE student branch of the college, on 7th January, 2016. Resource Person Dr. Ram Mohan Mallipeddi, Assistant Professor, School of EEE, Kyungpook National University, South Korea , gave a seminar on the topic ‘Optimization in

Electrification of Transportation and Bigdata'. Importance of electrification of transport, in view of increased demand for oil and increased green house gas emission was discussed in the seminar. Special emphasis was laid on the usage of Bigdata for optimization of electric vehicle transportation. Various electrical optimization problems that can be solved, using Bigdata were also discussed.

Mr.M.Sahitya Chandra, Red Hat Certified Engineer and Administrator delivered a guest lecture on 'Internet of Things' for the students of I&II MCA, on 7th June 2016.

Student meets:

ChECK-2016 was organized by IChE RVR&JCCE student chapter, under IChE, Guntur Regional centre. Events organized in this seminar are, Paper presentation contest, Elocution, Group discussion and Quiz competition. 195 students from various colleges participated in the events. All the winners received prizes and certificates.

A combined effort of the CSE and IT is **CIS'SOIREE-2K16**. Around 280 contestants competed in technical events organised by the departments.

Electric Tarang -2016 The department of EEE organised technical events as Electric Tarang - 2016. A total 230 students, from 18 colleges, participated in competition.

Mech Mantra Mech mantra 2016 had an overwhelming response from the competitors from various reputed institutions across the nation. This had proved to be the best time for the young minds to air their innovative ideas and showcase their creative skills.

ARISTOZ -2K16 The department of ECE christened their branch event as ARISTOZ-2K16 . It could attract around 500 participants for all the events.

Industrial visits:

Students of third year Chemical Engineering went on two short trips to KCP Limited Cements, Macherla and KCP Sugars Division, Vuyyur, on 30 July and 30 December, 2015 respectively. These industrial trips gave students some practical exposure.

The second and third year Civil Engineering students visited Pattiseema, Polavaram, Dhawaleswaram barrage and had an insight of different precast structures, gantry girders and bridge deck construction works during 5-6 February 2016.

The third year students visited Kanakadurga Flyover and observed the construction work of bored concrete pile, advancement of bore hole using auger, inserting reinforcement into bore hole and concreting of the bored pile for soil exploration on 19 January 2016.

219 students of II B.Tech, made a visit to Jocil Limited, (Dokiparru) and 132/33kV Substation Gujjanagundla , during 11,12,14th of March 2016, as a part of their Industrial Tour. The students who visited the plant in 3 batches got an insight regarding the internal working of the power station. ‘This real life experience was simply exciting’, students said after their visit to substation.

Training Programmes by T&P cell:

A one week Campus Recruitment Training Programme (CRT) was held by the Triumphant Training Solutions and Seventh Sense Talent Solutions for all the final year and MCA registered students, in two spells, i.e during 1st-13th July, 2015.

A talk was delivered by Mr. Bhanu Annavarapu of TCS, on ‘Employability Skills and Technology Expectations’ on 4th July,2015. Students of final B.Tech and MCA attended this talk.

Campus Recruitment Training Refresher Programme was conducted by Triumphant Training Solutions and Seventh Sense Talent Solutions for all the final year B.Tech and MCA students, during 3rd - 4th September, 2015.

A two week Campus Recruitment Training (CRT) Programme was held by the Triumphant Training Solutions and Seventh Sense Talent Solutions for all the third year B.Tech and second MCA registered students, in two spells i.e., during February and July 2016.

A talk on ‘Planning for a Successful Engineering Career’ was given by Mr.Kolachena Suryanarayana, Academic Relations Manager, TCS, for all first year B.Tech students on 19 February, 2016.

An interactive session on ‘Current Trends in Industry’ was handled by Mr. Sashidhar Reddy, Talent Acquisition, Infosys, for all third year B.Tech students on 10 March, 2016.

A Five day FDP Programme on ‘Java’ was organised by the Oracle Academy for the faculty of Engineering Colleges during 20th – 24th June, 2016.

A Two day Workshop on ‘Python Programming’ was handled by Mr. Hanuman Chowdary Guntupalli, Data Analyst, from Ooredoo Telecom, Muscat. For the third B.Tech (CSE & IT) students. During 28th – 29th June 2016.

EMD Cell:

A one day workshop on 'Entrepreneurship Motivation' was conducted on 15th July, 2015 for III year B.Tech., MCA and Management students. Mr. Y. Nagasundar, GM, DIC, Guntur, Mr. V Mohandas, Soft skills Trainer and Mr. M.V Sudheer, Asst. Director, MSME (Govt. of India) were the resource persons. Nearly 200 students attended this programme.

A one day workshop on 'Entrepreneurship Orientation Programme' was conducted by NSIC on 29th July, for the third year B.Tech. MBA and MCA Students. 250 students attended the workshop which was handled by Mr. G. Sudarshan.

A three day certification workshop on 'Entrepreneurship Awareness Programme' was conducted by the Ministry of Micro, Small & Medium Enterprises (MSME), during 21th -23th September, for the III year B.Tech. MCA and MBA students . This programme was handled by nine resource persons in 12 sessions, spread in 3 days. MD, Efftronics, Mr. Rama Krishna delivered the keynote address at the inaugural function and Mr. M. V. Sudhir Kumar, Asst. Director, MSME, Hyd, is the representative from MSME who addressed the students. Mr. K. Sudhir, Astra Academy, Hyd, delivered a talk on Sales. Mr. Vishal Chakravarthy, CEO, Travelkushi.com, delivered a talk on E-commerce. Mr. G. Hanuman Chowdary, Alumni of RVR&JCCE, delivered a lecture on E-Commerce Applications. Mr. P. Sridhar, Chief Executive, Peacock Finance, Hyd., delivered a talk on Capital & Financial Investments in Start up Companies in public and private sector. Mr. Y. Naveen Kumar, Business consultant, Hyd, delivered a talk on Soft Skills .Mr. K.V. Ravi Kumar, EDS Technologies Ltd., Bangalore, gave a talk on the Technical Knowledge required for entrepreneurs, while Mr. Y. Naga Sundhar, GM, DIC, Guntur, who was the Chief Guest at the valedictory, explained about government services for entrepreneurs.

The EMD Cell, in association with the state bank of India, Arundelpet Branch, Guntur, organised a Debate Competition on the theme 'Role of the youth in eradicating corruption' to the students of UG and PG on 30th October , on the occasion of the Vigilance Awareness week. Nearly 100 students from different branches of engineering MCA and MBA participated in the competitions, that went in two phases, one screening and the final round. Three cash prizes, worth nine thousand were grabbed by Mr. D. P. Akash, Mr. K. Krishna Teja, final year CSE and Ms. T. Monika Surya of II MBA, respectively.

Guest Lecture Delivered by Faculty:

A one month course on Introduction to Computer Programming - CS101.1X was organized for 36 students of RVRJCCE, during 15th Feb - 2th April 2015.

A semester course on Introduction to Computer Programming - CS101.1X was organized to 211 students of CSE of the college, during 2th July - 15th December 2015.

A one day workshop on 'Entrepreneurship Orientation Programme' was conducted by NSIC on 29th July, for the third year B.Tech. MBA and MCA Students. 250 students attended the workshop which was handled by Mr. G. Sudarshan.

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A two day national workshop on ‘Application of Computational Techniques in Engineering (ACTE-2015)’ was organized by the IChE. RVR & JCCE Student Chapter of Department of Chemical Engineering, in association with IChE, Guntur Regional Centre, during 6th -7th November, 2015. Dr. P. Venu Gopala Rao, a retired Professor of Lakehead University, Canada, inaugurated the workshop. Dr. V.V. Basava Rao, Vice President, IChE and Professor and Dean, OU College of Technology, Hyd, Dr. K. Basavapunniah, President, Principal, Dr. A Sudhakar, Prof. M.Venkateswara Rao, HoD, graced the occasion. A total of 160 participants attended, which include 100 students and 60 faculty members. Resource persons of the workshop - Dr. T.Vinay Kumar from the dept. of EEE, NIT, Warangal, delivered the keynote address on ‘Fundamentals of MATLAB and Simple Applications’. Dr. V. Hari Kumar from the dept. of Mechanical Engg, NIT, Warangal, conducted a hands - on session on ‘Computing with MATLAB’. Dr. T. Sunil Kumar from the dept. of Chemical Engg, NIT Warangal, delivered a lecture on ‘Introduction to Simulink and Pdetool of Matlab for solving Moving Boundary Problems’. Dr. Kishalay Mitra from the department of Chemical Engg, IITH, Hyderabad, conducted a hands - on session on ‘Optimization using MATLAB’.

A two day workshop on ‘Big Data’ was organized for the final year B.Tech students during 21th -22th August 2015. Resource Persons, Mr. B.Rajasekhar Rao, Senior Solution Integrator, Ericsson India Pvt. Ltd., Mr. M. Raghunath, Software Engineer, Subex Limited, Bangalore, spoke on topics ‘Big data, Hadoop, Hadoop Distributed File System, MapReduce and Hive’. The objective of the workshop was to equip students with right skills that are essential to survive and sustain in the IT Industry.

Mr. M.V.Sudhir Kumar, Asst. Director, MSME Development Institute, Hyd, delivered a lecture on ‘Entrepreneurship development’ to the final year students of MBA on 22th September. Talking about the rising unemployment problem, in developing nations, he said that every year, India is adding about 5 million educated unemployed eligible graduates to its population. He suggested that one of the remedies for reducing unemployment is becoming an Entrepreneur. To become an entrepreneur, he advised the students to enroll in the National Small Industries Corporation’s (NSIC) uniquely devised ‘Entrepreneurship Orientation Programme’. The Programme is specially designed for the students, who are still pursuing their studies in college and do not have any idea about entrepreneurship.

Mr. G.S. Vinayak, Assistant Manager, NSE India Ltd, Hyderabad, addressed the final year students of MBA on ‘The Career Prospects for Management Students in the Banking Financial Services and Insurance Sector on 9th October, 2015. He emphasized the NCFM certification which has a comprehensive range of modules, covering different areas of finance, which provide various job opportunities in areas such as Investment Banking, Insurance, Mutual Funds, Stock Broking, Currency Trading and advisory services. He exhorted the students to register for the NCFM Online Certification which can be conducted on the college campus which is a rare privilege that only RVR & JC College of Engg. enjoy.

Mr. D. Papa Rao, Academic Evangelist, Economic and Media Analyst, based at Hyderabad , addressed the MBA students on the topic ‘Make in India – Opportunities and Challenges’ on 13th October, 2015. He stated that India is creating high skilled jobs but the Indian youth who constitute 65% of the population are with inadequate skills. The IT sector which is from the services sector is creating only 0.21% of the aggregate employment but 60% of the GDP is from this sector. 55% of the employment is generated by the agriculture sector which contributes 14% of the GDP whereas, the manufacturing sector provides only 30% employment and contributes 15% to the GDP. The Make in India concept was visualized by our PM , Modi who gave a clarion call at USA, declaring that the contribution from each of the three sectors must be pegged at 33% each. Thus a goal of raising the manufacturing sector to 25% of GDP from 15% is the immediate agenda for this Make in India The challenges before the government are to empower the low skilled labour force which has 70% literacy at the primary school level. The remaining 25% are totally illiterate.

A one day National Seminar on ‘Advances in Water Resources Engineering (AWARE)’ was organized by the department of Civil Engineering on 26th September 2015. Resource Persons, Professor N.V. Umamahesh, NIT, Warangal, Professor, D. Nagesh Kumar, IISc, Bangalore, Professor, K.Srinivasa Raju, BITS Pilani, Hyd., gave talks on topics like Applications of Optimization Techniques in Water Resources Engineering, Introduction to RS & GIS and its Applications in Water Resources Engineering and Introduction to ANN and its Application in Water Resources Engineering’ respectively. Nearly, 100 students and 40 faculty members from various engineering colleges, across the state attended this seminar and got benefitted from it.

Professor M. Rama Rao delivered a guest lecture on ‘Mind Map’ on 16th February 2016 at MVR Engineering College, Paritala.

Mr. K. Peda Babu, Vice-President, Bank of America, New Jersey, USA, delivered a lecture to all the second year B.Tech students on ‘Cloud Computing’ on 20th Feb, 2016. In his lecture, Mr. Peda Babu enlightened students on the advantages of cloud computing, requirement of elastic property in a cloud, pay by usage model and fault tolerance property of cloud.

Dr. E. Muneender, Founder, Vishwa Technologies, Hyd, delivered a lecture to III B.Tech students on ‘Awareness on Higher Education’ on 29th June, 2016.

Mr. P. Srinivas, Manager, BDL, Hyd, delivered lecture to all the final year students on ‘Embedded Applications for Physical Protection System’, on 5th Feb, 2016.

The Alumni of Chemical Engineering Department of RVR & JCCE, Mr. M. Uma Mahesh, Executive Engineer, Mumbai Off shore, Oil and Natural Gas Corporation Ltd. (ONGC), Mumbai, delivered a guest lecture on ‘Over-view of Offshore oil production, processing and distribution operations’ on 7th January 2016.

Mr.K.S.Kameswara Dev, Asst. Divisional Engineer, A.P Transco, Vijayawada, delivered a guest lecture on 'Sub- Station Layout and Automation' on 12th March 2016. All the students of third B.Tech and faculty members of the department attended the lecture.

Mr. T.V.S. Rao, Sr.Vice-President, HDFC Bank, Hyderabad, delivered a lecture to all the final year students on 'Career Opportunities and Challenges in Banking, Financial Services and Insurance Sector (BFSI)', on 23 January. In his lecture, Mr.T.V.S.Rao enlightened students on the importance of certifications from NISM. Further he stressed on development of passion towards marketing of financial and insurance Products. He also explained the career growth in HDFC Bank for MBA freshers.

Mr. P.B. Nutan Kumar, Branch Head, Market Development and Sales – CES, Jaquar & Company Pvt.Ltd., Hyderabad, delivered a lecture to all the final year students on 'Marketing, Sales and Distribution as Career Prospects for MBA Graduates', on 28th January. In his lecture, Nutan Kumar educated students on the importance of Logistics and Supply Chain Management which is the life and blood for every organisation. He exhorted the students to be passionate about any job they take up, at the start of their career, be it , marketing, finance or HR.

Mr. N. Vijaya Bhaskar, CEO, Kautilya Consulting, Hyd, delivered a lecture to all the final year students on 'Career Opportunities in SAP, Oracle Financials and ERP Solutions on 22th Feb. In his lecture, Vijaya Bhaskar educated students on ERP packages SAP, Oracle Financials. He explained various modules in SAP (FI CO, MM, CRM and PayRoll) that related to the functional areas of MBA and current opportunities for management students.

Dr. Y. Srinivasulu, Associate Prof, Department of International Business, Pondicherry University, delivered a lecture to all the first year students on 'Contemporary Relevance of Marketing in the Present Day Scenario', on 25 Feb, 2016. His lecture enlightened students on the contemporary marketing techniques like digital marketing and web marketing.

Professor M.Rama Rao delivered guest lectures on the topic 'Mind Map and Memory Techniques' on 1 December, 2015. At Chirala Engineering College, in an ISTE approved one week induction training programme and at Bapatla Engineering College, on 12 December,2015 respectively.

Mr. Kareem Syed, Regional Executive, Cognizant Technology Solutions, USA, delivered a lecture to all the final year students on 'Internet of Things and how new technologies are replacing and evolving newer business models and opportunities' on 23 July 2015. In his lecture, Mr. Kareem enlightened students on the changes happening in technology due to IOT. He had also discussed its application development and how usage of IOT devices makes life easier.

Mr. J. A. Chowdary, Co-Chairman of FICCI, Talent Sprint, Hyd. delivered a lecture to all the final year students on 'Information System Research' on 15 Sept, 2015. In his lecture, Mr. Chowdary educated students on the latest information systems and the research aspects in information systems.

Mr. D. Veera Prasad, Principal Consultant, Infosys, Plano city, Texas, USA, delivered a lecture to all the third year students on 'Storage Area Networks' on 19 Dec, 2015. In his lecture, Mr. Prasad educated students on working and building of storage area

The Alumni of Chemical Engineering Department, RVR & JCCE, Mr. O.S. Siddhartha, Scientist 'C', SHAR, Sriharikota, delivered a guest lecture on 'Chemical Engineers – Opportunities and Career Development' on 1 August 2015.

Prof. S.V. Satyanarayana, Department of Chemical Engineering, JNTU, Anathapur, delivered a guest lecture on 'Smart Innovations in Chemical Sciences' on 1st September 2015.

The Alumni of Chemical Engineering Department, RVR & JCCE, Mr. D. Phani Raj Kumar, East University, New Mexico, delivered a guest lecture on 'Opportunities in American Universities' on 21 Sept, 2015.

Dr. T. Vinay Kumar, Asst. Prof., Department of EEE and Dr. V. Hari Kumar, Asst. Professor, Department of Mechanical, NIT Warangal, delivered guest lectures on 'Fundamentals of MATLAB & Simple Applications' and 'Computing with MATLAB', respectively, on 6 Nov, 2015.

Dr. T. Sunil Kumar, Asst. Prof., Dept. of Chemical Engg, NIT, Warangal, delivered a guest lecture on "Introduction to SIMULINK and PDETOOL of MATLAB for solving Moving Boundary Problems", on 7 Nov, 2015.

Dr. Kishalay Mitra, Asst. Prof., Department of Chemical Engineering, IITH, Hyderabad, delivered a guest lecture on "Optimization using MATLAB", on 7th November, 2015.

The Alumni of RVR & JCCE - Chemical Department, Mr. B.S.S. Krishna Sastry, Engineer, Operations Process, Reliance Industries Ltd., Madhya Pradesh and Ms. G. Harini, Ph.D. Scholar, IITG, Gujarat, delivered a guest lecture on the topic 'Go Ahead' on 21 December, 2015.

Mr. Muhammed Saleem, Application Engineer, Edgate Technology Pvt. Ltd, Bangalore, delivered a guest lecture on 'Embedded System' to the third and final year students on 8th December 2015. This lecture threw light on the importance of embedded computers that require low power, compared to the general purpose counterpart. He told that 98 percent of the microprocessors manufactured today are being used in embedded system.

Dr. V.N.Mani, Scientist-E, Centre for Materials for Electronics Technology, Hyd, was invited to deliver a guest lecture on 'Nano Technology and its Applications' to the third and final year students of ECE, on 10 October 2015. His lecture stressed on today's nano technology and its applications. He mentioned that Nano technology is a basic research and developing area in laboratories all over the world for producing better quality products.

Two guest lecturers were delivered by Professor K. Ravindra and Dr. K. Praveen Kumar, on the topics 'Magnesium matrix composites in automotive applications' and 'Mechanical Deformation and Wear behavior of 2024 Al high entropy alloy composites(HEA)' respectively, in a UGC sponsored national seminar on 'Advances in Metal Matrix Nano-Composites (AMMNC- 2015)' conducted by the Dept. of Mechanical Engg. ANU, during 11-12 December 2015.

Dr. G. Chaitanya, Assoc. Professor, delivered a guest lecture on 'Mechanics of Solids' conducted by the Dept. of Mechanical Engineering, St. Mary's Group of Institutions, Guntur, on 2 Nov, 2015.

Mr. Kareem Syed, the alumni of RVRJCCE, at present the Regional Executive at Cognizant Technology Solutions, USA, gave a talk on 'Internet of Things and how new technology is replacing and evolving newer business models and opportunities' on 23 July 2015.

Mr. Suresh Done, President & Chief Architect, SNA Technologies Inc., delivered a guest lecture on 'Enterprise Architecture' on 3 Sept, 2015 for the third year B.Tech students.

Mr. J.A.Chowdary, Monarch Info Tech Services Pvt. Ltd., Hyd, delivered a guest lecture on 'Security in Computing' on 15th Sept, 2015 for the second year B.Tech students.

Ms.V.Sujatha Lakshmi delivered a guest lecture on 'Network Security', at the department of Computer Applications, K.B.N College-PG Centre, Vijayawada on 25th July 2015.

Mr. M.V.Sudhir Kumar, Asst. Director, MSME Development Institute, Hyd, delivered a lecture on 'Entrepreneurship development' to the final year students of MBA on 22 Sept. Talking about the rising unemployment problem, in developing nations, he said that every year, India is adding about 5 million educated unemployed eligible graduates to its population. He suggested that one of the remedies for reducing unemployment is becoming an Entrepreneur. To become an entrepreneur, he advised the students to enroll in the National Small Industries Corporation's (NSIC) uniquely devised 'Entrepreneurship Orientation Programme'. The Programme is specially designed for the students, who are still pursuing their studies in college and do not have any idea about entrepreneurship.

Mr. G.S. Vinayak, Assistant Manager, NSE India Ltd, Hyderabad, addressed the final year students of MBA on ‘The Career Prospects for Management Students in the Banking Financial Services and Insurance Sector on 9th Oct, 2015. He emphasized the NCFM certification which has a comprehensive range of modules, covering different areas of finance, which provide various job opportunities in areas such as Investment Banking, Insurance, Mutual Funds, Stock Broking, Currency Trading and advisory services. He exhorted the students to register for the NCFM Online Certification which can be conducted on the college campus which is a rare privilege that only RVR & JC College of Engg. enjoy.

Mr. D. Papa Rao, Academic Evangelist, Economic and Media Analyst, based at Hyderabad , addressed the MBA students on the topic ‘Make in India – Opportunities and Challenges’ on 13th Oct, 2015. He stated that India is creating high skilled jobs but the Indian youth who constitute 65% of the population are with inadequate skills. The IT sector which is from the services sector is creating only 0.21% of the aggregate employment but 60% of the GDP is from this sector. 55% of the employment is generated by the agriculture sector which contributes 14% of the GDP whereas, the manufacturing sector provides only 30% employment and contributes 15% to the GDP. The Make in India concept was visualized by our PM , Modi who gave a clarion call at USA, declaring that the contribution from each of the three sectors must be pegged at 33% each. Thus a goal of raising the manufacturing sector to 25% of GDP from 15% is the immediate agenda for this Make in India The challenges before the government are to empower the low skilled labour force which has 70% literacy at the primary school level. The remaining 25% are totally illiterate.

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 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.
- 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.