NAAC
PEER TEAM REPORT
OF

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

Place: Guntur   State: Andhra Pradesh

National Assessment & Accreditation Council
Bangalore – 560 072, INDIA

PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF

R.V.R. & J.C.COLLEGE OF ENGINEERING (Autonomous)

CHANDRAMOULIPURAM, CHOWDAVARAM
GUNTUR 522019, A.P.

Section I: GENERAL   **Information**

1.1 Name and Address of the Institution :	R.V.R. & J.C COLLEGE OF ENGINEERING (Autonomous) GUNTUR
1.2 Year of Establishment:	**1985**
1.3: Current Academic Activities at the Institution (Numbers)	
• Faculties/Schools :	**01**
• Departments/ Centres :	**08**
• Programmes/ Courses offered :	**15 (UG – 7, PG- 8)**
• Permanent Faculty Members :	**230 (59 Ph.D; 09 M.Phil; 150 PG)**
• Permanent Support Staff :	**130**
• Students :	**UG 4184 + PG 704**
1.4: Three major features in the institutional Context	• Good infrastructural facilities • Good academic ambience • Catering to rural needs
1.5: Dates of visit of the Peer Team	**21-23 AUGUST, 2014**
1.6 Composition of the Peer Team which undertook the on-site visit	
Chairperson	**Prof. K.E.Raman** **Director** **BITS, Pilani - Goa Campus** **Near NHMB, Bye Pass Road** **Zuarinagar-403726 Goa**
Member-Coordinator	**Prof. Surjit Angra** **Department of Mechanical Engg.** **National Institute of Technology** **Kurukshetra-136119 Haryana**
Member	**Prof. M.N. Doja,** **Department of Computer Engineering** **Jamia Millia Islamia, Jamia Nagar New Delhi-110025**
NAAC Coordinator	**Dr.M.S.Shyamasundar** **Deputy Adviser, NAAC** **PO Box No.1075, Opp. To NLSIU** **Bangalore University Campus** **Nagarbhavi, Bangalore-560072**

Section II: CRITERION WISE ANALYSIS OBSERVATIONS (Strengths and / or weaknesses) on Key-Aspects)
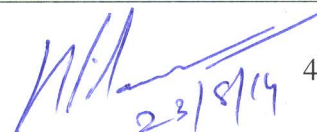
2.1 Curricular Aspects :	
2.1.1 Curriculum Design and Development:	• Autonomy utilized to effect improvement in curriculum • Constitution of academic council and BOS with relevant experts from outside • Proper design of curriculum with interdisciplinary courses & focus on innovation & employability
2.1.2 Academic Flexibility:	• Some interdisciplinary courses are offered • Credit based system followed for UG courses as per Acharya Nagarjuna University • Four electives offered in 3rd and final year
2.1.3 Curriculum Enrichment:	• Course enrichment & revision of courses with feedback from stakeholders • Value added courses in collaboration with industry • Participation of students in technical festivals
2.1.4 Feedback System :	• Feedback mechanism is in place • BOS has outside experts from reputed institutions • Feedback from industry needs to be formalized
2.2 Teaching-Learning & Evaluation:	
2.2.1 Student Enrolment and Profile :	• 70% admissions through Andhra Pradesh Govt's centralized counselling & remaining 30% admissions through management quota for UG/PG • Scholarships to economically weaker section and other deserving students • The institution is a preferred choice for students of this region
2.2.2 Catering to Student Diversity :	• Bridge/remedial add on courses for the students • Additional coaching and other facilities for advance learners • Mentoring system in place
2.2.3 Teaching-Learning Process :	• Academic Calendar is followed • Effective use of departmental libraries • Certain technology enabled learning processes adopted
2.2.4 Teacher Quality :	• Adequate faculty as per norms • Out of 230 faculty 59 are Ph.D., 159 PG • Faculty retention is good

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2.2.5 Evaluation Process and Reforms :	• Well defined and transparent continuous evaluation mechanism in place • Progress of the students monitored and communicated to the parents
2.2.6 Student Performance and Learning Outcomes :	• Effective student information system to track student performance • Overall students' pass percentage is good
2.3 Research, Consultancy & Extension :	
2.3.1 Promotion of Research :	• Research Committee exists to monitor the research activity • Some faculty members are approved Ph.D. guides with the university • Seed money from Management and Project overhead
2.3.2 Research Mobilization for Research :	• Grant in aid for projects by the college • E-journals and Digital Library • Faculty encouraged to apply for funding from various agencies
2.3.3 Research Facilities :	• Travel grant for faculty and students • More Research Centres need to be established
2.3.4 Research Publications and Awards :	• Some publications by faculty in referred journals • Books with ISBN numbers published by some faculty members • Quality of publication needs to be improved
2.3.5 Consultancy :	• The institute has generated some resources through consultancy • Teachers may be encouraged to take up consultancy jobs
2.3.6 Extension Activities and Institutional Social Responsibility :	• The Institute has active NCC and NSS Units. • Institution has adopted a nearby village for its overall development
2.3.7 Collaborations :	• MOUs with industry and institutions are in place • Some of the MOUs are active
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities :	• The Institute has 37.41 acres of campus with built up area of 70315 sq.m. • Library, Labs, Hostels for boys & girls • Indoor and outdoor games facilities for the students

2.4.2 Library as a Learning Resource :	• The Library has 91548 books & 3267 CDs • Access to online journals and digital library is available • Computerized library services like bar code systems, OPAC systems available • Library budget to be enhanced
2.4.3 IT Infrastructure :	• The Institute has 1450 computers • It has only 40 + 16 Mbps leased line
2.4.4 Maintenance of Campus Facilities :	• Computers are maintained by in-house maintenance system • Separate maintenance staff is available for the institution
2.5 Student Support and Progression:	
2.5.1 Student Mentoring and Support :	• State Govt. gives financial assistance for SC, ST, OBC and minority students • Various cells like career guidance & placement cell, EMD cell, JKC etc., exist in the institution • Various committees for grievance redressal, resolve issues of sexual harassment and to stop ragging exist
2.5.2 Student Progression :	• Student progress in examination is more than 87% • Rank of students at university level examination is encouraging • Performance of students in competitive examinations needs improvement
2.5.3 Student Participation and Activities :	• Student Chapters of various societies exist on the campus • Students participation in University level Sports • Annual Tech Fest is regularly conducted
2.6 Governance, Leadership & Management :	
2.6.1 Institutional Vision and Leadership :	• Management seems to be committed to provide high quality of education • Regular meetings of various statutory bodies are held • More efforts needed to encourage & support involvement of staff for the development of college
2.6.2. Strategy Development and Deployment:	• Hierarchical structure is clear and their roles are defined • Different committees & cells are constituted • Strategic planning and monitoring mechanism is needed

2.6.3 Faculty Empowerment Strategies :	• Some welfare schemes for faculty like group personal accident insurance • Incentives to faculty for research publications • Faculty development programs are in place • Welfare measures can be further strengthened for staff and faculty
2.6.4 Financial Management and Resource Mobilization :	• Financial position is sound • Financial resources are only from fee collected from students • Project Funding from Research Projects and Consultancy to be exploited
2.6.5 Internal Quality Assurance System :	• Two UG Programs accredited 4 times and five UG Programs 3 times by NBA • IQAC effective • Feedback mechanism from stakeholders
2.7 Innovations and Best Practices :	
2.7.1 Environment Consciousness :	• Rain water harvesting implemented • Use of renewable energy (solar water heater, solar lights etc)
2.7.2 Innovations :	• LMS used to enhance teaching learning process
2.7.3 Best Practices :	• Wi-Fi campus • Digital Library • Comprehensive students monitoring system is in place • Communication skill courses for students for three years

Section III: OVERALL ANALYSIS

3.1 Institutional Strengths :	• Accreditation by NBA for six UG courses • Good physical infrastructure • Automated Library • Lots of extracurricular and co-curricular activities

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3.2 Institutional Weaknesses :	• Industry institute interaction to be strengthened further • More Sponsored projects need to be acquired • Limited R&D activity • More quality research publications needed
3.3 Institutional Opportunities :	• Active collaboration with premier institutions and industry • More focussed extension activities to uplift neighbourhood • Taking up multi-disciplinary activities • Promote entrepreneurship among the students
3.4 Institutional Challenges :	• Attract high quality students • Optimum use of infrastructure & facilities for research & industry collaboration • Enhance campus placements

Section IV: RECCOMENDATIONS FOR QUALITY ENHANCEMENT OF THE INSTITUTION

- Industry institute interaction needs to be strengthened

- Industry internship may be made compulsory for the students

- Cadre ratio needs improvement

- Campus should be made residential for R&D activities beyond college hours

- Laboratories need to be strengthened with latest equipment

- Library Budget to be enhanced; Library timing to be extended

- Girls Hostels may also be constructed inside the campus

- Green auditing of the campus may be made

- Alumni Association to be made more vibrant

- Placement activities need augmentation

I agree with the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution
with date and seal

Signature of the Peer Team Members:

Name	Designation	Signature with date
Prof. K.E.Raman	Chairperson	
Prof. Surjit Angra	Member-Coordinator	
Prof. M. N. Doja	Member	
Dr.M.S.Shyamasundar	Deputy Adviser, NAAC	

Place: Guntur

Date: 23-08-2014