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, CHOWDAVARARAM
GUNTUR 522019, A.P.

## Section I: GENERAL

<table>
<thead>
<tr>
<th>Information</th>
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<tbody>
<tr>
<td><strong>1.1 Name and Address of the Institution:</strong></td>
<td>R.V.R. &amp; J.C COLLEGE OF ENGINEERING (Autonomous) GUNTUR</td>
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<tr>
<td><strong>1.2 Year of Establishment:</strong></td>
<td>1985</td>
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<td><strong>1.3: Current Academic Activities at the Institution (Numbers):</strong></td>
<td></td>
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<tr>
<td>• Faculties/Schools :</td>
<td>01</td>
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<tr>
<td>• Departments/ Centres :</td>
<td>08</td>
</tr>
<tr>
<td>• Programmes/ Courses offered :</td>
<td>15 (UG – 7, PG- 8)</td>
</tr>
<tr>
<td>• Permanent Faculty Members :</td>
<td>230 (59 Ph.D; 09 M.Phil; 150 PG)</td>
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<td>• Permanent Support Staff :</td>
<td>130</td>
</tr>
<tr>
<td>• Students :</td>
<td>UG 4184 + PG 704</td>
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<td><strong>1.4: Three major features in the institutional Context</strong></td>
<td></td>
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<tr>
<td>• Good infrastructural facilities</td>
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<td>• Good academic ambience</td>
<td></td>
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<tr>
<td>• Catering to rural needs</td>
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<td><strong>1.5: Dates of visit of the Peer Team</strong></td>
<td>21-23 AUGUST, 2014</td>
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## 1.6 Composition of the Peer Team which undertook the on-site visit

| Chairperson | Prof. K.E.Raman  
Director  
BIT, 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 |
## 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
| 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
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<th>Details</th>
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| 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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Handwritten Note: 23/5/19
### 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

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**Section IV: RECOMMENDATIONS 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

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[Signature]

[Date: 23/8/19]
• 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:

<table>
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<tr>
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<th>Designation</th>
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<tr>
<td>Prof. K.E. Raman</td>
<td>Chairperson</td>
<td></td>
</tr>
<tr>
<td>Prof. Surjit Angra</td>
<td>Member-Coordinator</td>
<td></td>
</tr>
<tr>
<td>Prof. M. N. Doja</td>
<td>Member</td>
<td></td>
</tr>
<tr>
<td>Dr. M.S. Shyamasundar</td>
<td>Deputy Adviser, NAAC</td>
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Place: Guntur

Date: 23-08-2014