

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution	Padmasri Dr. B.V.Raju Institute of Technology
1.2 Address Line 1	Vishnupur
Address Line 2	Narsapur
City/Town	Medak Dist
State	Andhra Pradesh
Pin Code	502313
Institution e-mail address	bvrit@bvrit.ac.in
Contact Nos.	08458 222000
Name of the Head of the Institution:	Dr. T.S.Surendra
Tel. No. with STD Code:	08458 222000
Mobile:	9949411124

Name of the IQAC Co-ordinator:

Prof. Ashok Shigli

Mobile:

8466942999

IQAC e-mail address:

bvrit@bvrit.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

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/56/A&A/047 dated:16.09.2011

1.5 Website address:

www.bvrit.ac.in

Web-link of the AQAR:

<http://bvrit.ac.in/images/Articles/Academics/Annual%20Quality%20Assurance%20Report%202011-2012.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.72	2011	5
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

03/03/2011

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

2011-12

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)

Not Applicable

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)

JNTU, Hyderabad

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

Autonomy by State/Central Govt. / University	<input type="text"/>		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="8"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="3"/>
2.3 No. of students	<input type="text"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text"/>
2.9 Total No. of members	<input type="text"/>
2.10 No. of IQAC meetings held	2
2.11 No. of meetings with various stakeholders:	
	No. <input type="text" value="5"/> Faculty <input type="text" value="2"/>
Non-Teaching Staff	<input type="text" value="1"/>
Students	<input type="text" value="1"/>
Alumni	<input type="text" value="1"/>
Others	<input type="text" value="1"/>

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. Two day workshop on Quality Assessment in Educational Institutes
2. Two day seminar on Research Methodologies

2.14 Significant Activities and contributions made by IQAC

1. Measures are taken to improve the results of semester end examinations
2. Streamlined the attendance monitoring system
3. Conduction of technical conferences/seminars/workshops/guest lectures
4. Assistance in Campus Placement Training activities
5. Holding the Parents meets, Alumni Meet
6. Feedback system is strengthened by involving all stakeholders

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 *

Plan of Action	Achievements
Maintaining Good Results	College attained 90% success rate
Organising Guest lectures	Guest lectures, popular talks involving experts, scientists & eminent scholars are regularly conducted by various departments
Enhancement of Infrastructure	New separate hostel block for girls was constructed
Extension programs	Blood donation camps are organized
Focus on Research	The college is providing support in terms of infrastructure, fund, FIP leave, etc to the Faculty.
student feedback on teachers	Student's feedback on teachers are taken during the end of each semester
Communication Skills	Training programs are organized to

Enhancement drive	improve the communication skills
Scholar on campus	Every month a well known personality was invited to the campus and he talked about a subject
To employ career guidance and placement measures for final year students.	Arranged campus interviews CRT Training
To encourage various departments to apply for major and minor projects.	Various departments have submitted their proposals for major and minor projects.

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

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

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				
PG	7	0		
UG	7	0		
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	14	0		
Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	14
Trimester	
Annual	

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

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

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

No

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
187	133	30	24	0

2.2 No. of permanent faculty with Ph.D.

16

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
24	0	2	0	2	0	0	0	28	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

0
0
0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	13	14	0
Presented papers	20	25	0
Resource Persons	0	1	0

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

LCD & OHP Projectors, Digital Library, Hospital visits, NPTEL Videos, Conducted VMOOC, Plant visits, Creative writing exercises. Video Lectures, Guest Lectures, work shops

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

180

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

3
0
0

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

77

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	466	66.03	33.15	1.11	0	77.04
M.Tech	78	61.53	38.47	0	0	79.48
MCA	51	90	10	0	0	98.04
MBA	60	46	46	8	0	83.33

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Every Department shall have a Quality Cell for continuously up dating information and supplying the same to IQAC at the central level.
- The Departmental Quality cell shall have one Professor (who will act as the Coordinator), one Associate Professor and one Assistant Professor.
- The Quality Cell at the departmental level shall prepare the roadmap of qualitative teaching and Research.
- Feedbacks are studied and improvements are suggested
- Syllabus coverage is monitored by IQAC team

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	10
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	13
Faculty exchange programme	0
Staff training conducted by the university	4
Staff training conducted by other institutions	36
Summer / Winter schools, Workshops, etc.	13
Others	-

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	24	0	0	0
Technical Staff	43	0	9	0

Criterion – III

3. Research, Consultancy and Extension

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

The following initiatives are suggested by the IQAC to sensitize / promote research climate in the institution.

❖ **Autonomy to the principal Investigator**

The Principal investigators of various sanctioned projects are given full autonomy in executing the project as per the guidelines of the funding agencies.

❖ **Well-timed availability of resources**

College provides all facilities and maintains timely release of project funds for completion of the project and also supported with adequate infrastructure and human resources College recruited senior faculty possessing Ph.D degree who are competent to take up and guide research projects.

❖ **Enhancement of library facilities**

Library is equipped with online national and international journals, digital library, hand books, reference books and material related to research activity.

❖ **Reduced teaching load**

For effective completion of projects within the stipulated time frame, faculty members working on research projects are given reduced teaching work load and academic leave for attending the workshops/seminars relevant to their research projects.

❖ **Incentives**

To encourage the faculty towards research activities certain incentives are introduced like Cash awards, permission to utilize the laboratories, library, computer centre and software for carrying out their research projects, assistance in patent submission, subscribes to research journals to strengthen the library with latest journals, reference books and text books etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	1	0	0
Outlay in Rs. Lakhs	0	8.6	0	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	28	13	0
Non-Peer Review Journals	0	0	0
e-Journals	2	0	0
Conference proceedings	13	31	0

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	0	1	0	0	0
Sponsoring agencies	0	SVES	0	0	0

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

3.13 No. of collaborations (ongoing) International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
 Total

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: **NIL**

Total	International	National	State	University	Dist	College

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events: NIL

University level State level
National level International level

3.23 No. of Awards won in NSS: NIL

University level State level
National level International level

3.24 No. of Awards won in NCC: NIL

University level State level
National level International level

3.25 No. of Extension activities organized --

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility – (under Enlightening Lives)

- Donated daily needs to Sankalp foundation
- Financial aid given for medical need of poor.
- World Disability day is celebrated every year and distributed daily needs to the poor people.

- Rural literature programme is held by our college staff in the nearby villages
- Jahawahar Knowledge Centre is used for training govt school students of villages near Narsapur

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities (Sq M)	Existing	Newly created	Source of Fund	Total
Campus area	30679	--	--	30679
Class rooms	4500	156	BVRIT	4656
Laboratories	6420	-	BVRIT	6420
Seminar Halls	1353	-	BVRIT	1353
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	2	11 (2)		15
Value of the equipment purchased during the year (Rs. in Lakhs)	6.48	20.25 (8.68)	BVRIT (Sponsored Projects)	35.41
Others	-	-		-

4.2 Computerization of administration and library

Central Library is housed in a spacious building with the carpet area of 820 sqm. At present we have 44154 volumes and access to 716 International Journals.

Library housekeeping operations are computerized with SOUL Software barcode is used for fast transactions.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	42400	12502848	1754	756206	44154	13259054

Reference Books	7955	3928486	300	132386	8255	4060872
e-books	59		186		245	
Journals	590	752536	126	267129	716	1019665
e-journals	482	681840	241	259620	723	941460
Digital Database	1	20000			1	20000
CD & Video	710		200		910	
Others (Specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	945	10	945	9	1	10	16	--
Added	--	--	---					
Total	945	10	945	9	1	10	16	--

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

<p>Two day computer basic training to technical staff (MS office, PSPICE and other basic software)</p> <p>Well equipped systems with latest hardware configuration and upgraded versions of software supported by internet facility</p> <p>Students are permitted to use the lab off their class hours.</p>

4.6 Amount spent on maintenance in lakhs :

i) ICT	2.55
ii) Campus Infrastructure and facilities	10.09
iii) Equipments	7.8
	20.56

iv) Others

Total :

41.04

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The Department Evaluation Committee is constituted in all the departments (headed by Head of Department) and student representatives were also selected.
- During the Orientation Programme for the I B.Tech Students, all the student support and mentoring system details are briefed.
- Awareness Programme is also conducted to the II, III and IV B.Tech Students regarding the Anti-Ragging Measures and students are also briefed about the effects of Ragging.
- The institute also provides intensive Campus Recruitment Training for all the IV B.Tech Students.

5.2 Efforts made by the institution for tracking the progression

- The institution reviews the accomplishments of the learning outcomes of courses and programmes through continuous assessment (direct and indirect assessment)
- The mid-term examinations and end semester examinations are conducted and the progressions of the students are monitored at the department level by the head of department (through Department Evaluation Committee) and the special care is taken on slow learners.
- The remedial classes are conducted for the slow learners
- The bridge/makeup classes (eg., Mathematics – I, Mathematical Methods, Computer Programming and Data Structures) is conducted to the Lateral Entry students.
- The performance of the students is communicated to parents through SMS and parent-faculty meetings are held.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
623	234	-	-

(b) No. of students outside the state

-

(c) No. of international students

Men	No	%	Women	No	%
	496	57.88		361	42.12

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
436	57	23	254	0	770	384	70	33	369	01	857

Demand ratio As per the norms of EAMCET counselling Dropout % Nil

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

- The institute provides the coaching for the recruitment drives to all the IV B.Tech Students and also special technical sessions are delivered by the senior faculty.
- Special care is taken on the Personality Development of the student by conducting the Soft Skills Classes.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="28"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="67"/>

5.6 Details of student counselling and career guidance

- 20 Students are assigned to each faculty(Counsellor) to monitor the academic progress and overall development of the student.
- Faculty mentors the students once in a month and make a report.
- Parents of these students are updated about the performance by their respective mentors by meetings and communication through SMS and Mails.
- The Training and Placement officer arranges invited talks on Career Prospects and Emerging Technologies

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
46	485	285	73

5.8 Details of gender sensitization programmes

- Women Redressal Cell organizes the meetings to address the issues of Women Welfare
- Awareness Camps are conducted to girl students on the topic Health and Hygienic.

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

	Number of students	Amount
Financial support from institution		
Financial support from government	473	15793000
Financial support from other sources		
Number of students who received International/ National recognitions		

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: _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To create and nurture competent engineers and managers who would be enterprise leaders throughout the world with a sound background in ethics and societal responsibilities.

Mission

We are committed to providing a positive and professional learning environment where all students are inspired to strive for excellence in becoming competent engineers, technology innovators and leaders in a global society through a cohesive network of parents, students, college staff and industry.

6.2 Does the Institution has a management Information System

Yes. The College uses the Management Information System named as Engineering College Automation Package (ECAP), developed by Webpros Solutions Pvt. Ltd., Visakhapatnam, A.P., which has the following Salient Features:

1. It is an Internet enabled Application
2. It enables the maintenance of student and staff profiles
3. It enables editing and accessing of data of attendance of students.
4. It enables Attendance and Marks Analysis
5. It enables Staff and Students to access data online
6. It has Payroll Integrated Staff Module
7. It enables Attendance Reminders

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

6.3.1 Curriculum Development

The Institution is affiliated to Jawaharlal Nehru Technological University, Hyderabad and hence it adopts the Curriculum developed by the University cited above. However, the faculty members ensure that the students get exposed to the contents beyond the syllabus through the methodologies like assignments, mini-projects, seminars, workshops, etc.

6.3.2 Teaching and Learning

The following Quality improvement Strategies were adopted by the institution with regard to Teaching and Learning:

- ❖ Session Plans and Micro-Sessions plans were prepared by the faculty members and the same were verified by the respective Heads of Departments.
- ❖ Course Materials were prepared by the faculty members and the same were thoroughly verified by the respective Heads of Departments.
- ❖ Slips Tests, Unit Tests, Quizzes etc. were conducted by the Faculty Members to ensure that the students understands the concept in the curriculum in an efficient and effective manner.

6.3.3 Examination and Evaluation

Since the institution is affiliated to Jawaharlal Nehru Technological University, Hyderabad, the Year End Exams and Semester End Exams are conducted and the same are evaluated by the above cited University. The Marks Memos are also awarded by the University.

In every semester, two mid-term or internal exams are conducted by the Institution. In the mid exams, the Objective and Multiple choice question papers are set by the University, where as the descriptive question papers are set by the faculty in the institution. Evaluations of the Mid exams are done by the faculty in the institution and the marks are uploaded in the web site of the Institution.

In each internal assessment, 10 marks are allocated for Descriptive questions, 10 marks are allocated for Objective and Multiple Choice questions and 5 marks are allocated for Assignments.

6.3.4 Research and Development

Quality improvement strategies adopted by the institution for Research and Development include the following:

- Institute is directly funding research projects
- Research publications and guiding research is counted for promotion
- Special Laboratories and Centres for Excellencies have been setup for research
- The Institute funds faculty to participate in conferences /workshops/symposia.
- Invited talks of experts from reputed International/National institutions are arranged.
- Thrust areas for research within the departments are identified and faculty members are grouped to work on the thrust areas, based on their expertise. Students are encouraged to publish papers in journals and conferences.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Quality improvement strategies adopted by the institution for Library, ICT and physical infrastructure / instrumentation include the following:

- Library is fully automated with a software a package
- The E-Learning Centre in the library provides access to Digital Knowledge Archive.
- Classrooms, Seminar Halls and Conference Rooms are equipped with Computers and LCD Projectors.
- Internet connectivity has been provided for both staff and students
- Wi-Fi connectivity to the staff members & students

6.3.6 Human Resource Management

Quality improvement strategies adopted by the institution for Human Resource Management include the following:

- Audit was conducted with regard to the availability of staff, the need of rank and cadre is identified, and the necessary staff were recruited as is done every year
- The Orientation Programme was conducted for the staff after they were recruited in the College.
- They were sent to various training and development programmes in and outside the campus.
- A number of measures such as EPF, Group Insurance, Health Insurance, etc. were taken for the welfare of the staff.

6.3.7 Faculty and Staff recruitment

Quality improvement strategies adopted by the institution for Faculty and Staff recruitment include the following:

Whenever the vacancies arise, faculty and staff are recruited, based on the educational qualifications, previous experience and personal interview .

Faculty are recruited as per the norms, i.e., 1:15 for UG programmes and 1:12 for PG programmes.

The institution supports the faculty in attending various training programmes and national as well as international programmes, conferences, symposia, seminars, FDPs etc. organized in the emerging fields of their respective subjects and thus makes the faculty apt for reaching such programmes. Moreover study leave is provided for carrying out higher studies.

The other staff members are also encouraged to participate in the programmes which enhance the quality in their work.

6.3.8 Industry Interaction / Collaboration

Quality improvement strategies adopted by the institution for Industry Interaction / Collaboration include the following:

- The institution builds and maintains excellent rapport with the top management of various organizations and industries and forge collaborative industry-academia alliances.
- It Initiates Memoranda of Understanding with major companies, research agencies and institutions to fetch funded projects and bring about improvement in infrastructure and teaching methodologies to enhance exposure of students and faculty to industry practices and developments in technology.
- It facilitates visits by senior industry leaders for interaction with faculty and students.
- It secures sponsorships from industry for technical events like conferences, seminars, symposia, workshops and student contests through strategic relationships.
- It facilitates in-plant training, industry visits, summer and final semester internship for students across all disciplines and campuses.

6.3.9 Admission of Students

Quality improvement strategies adopted by the institution for Admission of Students include the following:

- * The institution adopts the norms prescribed by the bodies such as State Government, JNTUH, AICTE,UGC etc. which improves the quality in admission of students.
- * While admitting the students into the programmes such as B.Tech., M.Tech., MBA and MCA, in Category B / Management Quota , proper measures are adopted to ensure the quality in admission of students.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

- ❖ The institution maintains a wellness centre by an MBBS Doctor and a well-trained Nurse for the benefit of staff and students.
- ❖ Appropriate arrangements are made to take the staff and students to the nearby hospital whenever advanced medical care is needed.
- ❖ Staff are provided with subsidized transportation / accommodation facilities.
- ❖ Workload is reduced for faculty who are involved in research projects
- ❖ Students are also covered under Group Medical Insurance scheme

6.5 Total corpus fund generated

-

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	Yes	JNTUH	Yes	IQAC
Administrative	Yes	JNTUH	Yes	Internal Audit team

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?

The following efforts are made by the University/Autonomous Institution for Examination Reforms:

- * .The University appoints the observers to supervise the end semester/year exams and suggest the reforms thereby.
- * The University conducts meetings with the staff of the constituent / affiliated colleges to discuss about the reforms.
- *.The University collects the feedback from the staff when it invites them for evaluation papers etc.

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

- Periodical inspections
- Participation of the college teachers in the events organized by the university
- Inviting the university experts for project reviews and other programs.

6.11 Activities and support from the Alumni Association

The Alumni Association contributes various services to the institution in general and to the students opting for higher studies and getting employment in particular.

Involvement of Alumni

- It involves in curriculum development
- It Conducts seminars for the students
- It Conducts interactive sessions for students and provides opportunities for students in worldwide universities
- It offers support in obtaining the projects for students
- Feedback for the Alumni is being continuously received for academic development and career opportunities for students
- It contributes books to the central and department libraries

- It offers information about placement/ job openings across the country

6.12 Activities and support from the Parent – Teacher Association

Parent-Teacher Association (direct meet or phone call or other source) helps to counsel the students to improve the performance, attendance and to solve the disciplinary problems.

6.13 Development programmes for support staff

Staff Development Programmes (workshops/training programmes) are conducted regularly by college or by individual departments. The training includes:

- Computer training
- Internet
- Audio-visual aids
- Computer aided packages
- New laboratory practices
- Spirituality, yoga, and meditation
- Fire and safety
- Office etiquette
- Development programmes, workshops etc., are conducted for knowledge update and skill enhancement

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

The Initiatives taken by the institution to make the campus eco-friendly include the following:

- Huge landscapes are maintained by the institution in the sprawling campus.
- Hundreds of fruit and flower bearing plants/trees are grown in the campus
- Ozone day celebrations were organized to make an awareness in the students and staff to protect the atmosphere
- Innumerable Waste bins are placed throughout the campus
- Rain water was harvested in the campus
- In order to promote the use of alternative energy resources, solar energy and wind mill energy systems were installed in the campus.
- Vermi-compost units were maintained and awareness programs were conducted for the student.
- Signboards bearing the messages of the importance of keeping the campus eco-friendly are placed inside the campus.

Criterion – VII

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.

- Blind Navigator for Visually Challenged

- Solar and windmill hybrid system
- INDNOR Solar PV

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

- Professor Ashok Shigli, HOD, BME Department and two of his students Y.Sindhuri and V.Durga Spurthi, BME final year were at the Texas Instruments Campus at Bangalore on April 6th as a part of the award ceremony for the Texas Instruments Analog Design Contest 2011. The student's project BLIND NAVIGATOR mentored by Prof. Ashok Shigli won the Consolation prize award in the contest. It was one of the 12 teams to win this award, standing out against 156 other teams from various colleges across the country.
- Established National Instruments and Texas Instruments special labs

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

- Project based learning
- National Instruments & Texas Instruments special Labs are established
- Creating social responsibility among students by making them to participate in NSS activities like AIDS awareness programs, blood donation camps etc.
- Regarding academic, FDP/Seminars/Workshops have been conducted under “*self-supporting scheme*” by availing the internal resources.

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

7.4 Contribution to environmental awareness / protection

College is provided with 60 acres of greenery with about 5000 trees including mango groves. Installed Solar Grid Silicon cells INDONOR research project as an initiative towards eco friendly environment. Installed Wind Solar Hybrid System for drip irrigation of 1.5 acres of Mango grove in the campus.

7.5 Whether environmental audit was conducted? Yes

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

8. Plans of institution for next year

1. Introduce Civil Engineering branch in view good potential for employment.
2. Commencement of new M.Tech Programme in Electrical & Electronics Engineering
3. Measures to improve Teaching-Learning Process
4. Expansion of infrastructure facilities
5. Focus on Placement & Training Activities

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Ashok

Signature of the Coordinator, IQAC

Name Dr. Ch. Venkateswarlu

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