# The Annual Quality Assurance Report (AQAR) of the IQAC

## Part – A

## I. Details of the Institution

1.1 Name of the Institution N.B.K.R. Institute of Science & Technology

1.2 Address Line 1 Vidyanagar

Address Line 2 Kota (Mandal)

City/Town SPSR Nellore (Dist)

Andhra Pradesh

State

Pin Code 524 413

Institution e-mail address <u>ist@nbkrist.org</u>

Contact Nos. 08624 – 228247

Name of the Head of the Institution: Dr. V. VIJAYA KUMAR REDDY

Tel. No. with STD Code: 08624-228547

Mobile: +91 7382297655

Name of the IQAC Co-ordinator:

Dr. I. Prabhakar Reddy

Mobile: +91 9440366871

IQAC e-mail address: iqac@nbkrist.org

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN13607

#### 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 (4th SC) /32/2014, dtd. 10 December 2014

1.5 Website address: www.nbkrist.org							
Web-link of	Web-link of the AQAR:						
	www.nbkrist.org/IQAC/AYwise_AQAR_Reports.php						
www.nbkrist.org/IQAC/AYWiseReports/AQAR%2017-18.docx							
1.6 Accreditation Details							
	Sl. No.	Cycle	Grad	e CG	PA	Year of Accreditation	Validity Period
	1	1st Cycle	А	3.0	)2	2008	2013
	2	2 <sup>nd</sup> Cycle	А	3.0	)8	2014	2019
	3	3 <sup>rd</sup> Cycle	Nil	N	il	Nil	Nil
	4	4 <sup>th</sup> Cycle	Nil	N	il	Nil	Nil
1.7 Date of E	stablishmei	nt of IQAC:	DD/MM	I/YYYY	2	0/03/2009	
1.8 AQAR fo	r the year	(for examp	le 2010-1	1)	2	017-18	
	-	•				C after the latest	t Assessment and in 12-10-2011)
i. AQA	R	09/08/201	7	_(DD/MI	M/YY	YY)	
ii. AQA		20/07/2010		_(DD/M		*	
iii. AQA	R	02/07/2015	<u>5</u>	_ (DD/M			
iv. AQA	R			_ (DD/M	M/YY	YYY)	
1.10 Institution	onal Status				-		
University	y		State	Cen	tral	Deemed	Private <b>V</b>
Affiliated	College		Yes	<b>√</b> No			
Constitue	nt College		Yes [	No	<b>ا</b>		
Autonomous college of UGC Yes V No							
Regulatory Agency approved Institution Yes V No							
(eg. AICTI	E, BCI, MC	CI, PCI, NC	I)				
Type of Ins	stitution	Co-educat	ion [	<b>V</b> Mei	n	Women _	
		Urban		Rui	ral 🔽	Tribal [	
Financial S	Status	Grant-in-a	aid [	GC	2(f)	<b>√</b> UGC 12	В 🚺

Grant-in-aid + Self Financing

Totally Self-financing **V** 

1.11 Type of Faculty/Programme						
Arts Science Commerce Law PEI (Phys Edu)						
TEI (Edu) Engineering Hea	lth Science	Management				
Others (Specify)						
1.12 Name of the Affiliating University (for the Colleges)  JNTU Anantapur, Ananthapuramu						
1.13 Special status conferred by Central/ State Government UGC <del>/CSIR/DST/DBT/ICMR</del> etc  Autonomy by State/ <del>Central Govt</del> . / University						
University with Potential for Excellence	Nil	UGC-CPE	YES			
DST Star Scheme	Nil	UGC-CE	Nil			
UGC-Special Assistance Programme	Nil	DST-FIST	Nil			
UGC-Innovative PG programmes	Nil	Any other (Specify)	Nil			
UGC-COP Programmes	Nil					
2. IQAC Composition and Activities	es					
2.1 No. of Teachers	2					
2.2 No. of Administrative/Technical staff	6					
2.3 No. of students	2					
2.4 No. of Management representatives	1					
5 No. of Alumni 2						

2. 6 No. of any other stakeholder and	Nil
Community representatives	VII
2.7 No. of Employers/ Industrialists	L
2.8 No. of other External Experts	Nil
2.9 Total No. of members	14
2.10 No. of IQAC meetings held	4
2.11 No. of meetings with various stakeholders:	No. 24 Faculty 5
Non-Teaching Staff Students 14 A	lumni 11 Others 0
2.12 Has IQAC received any funding from UGC duri	ng the year? Yes No V
If yes, mention the amount	
2.13 Seminars and Conferences (only quality related)	02
(i) No. of Seminars/Conferences/ Workshops/Sy	mposia organized by the IQAC
Total Nos International Na	tional - State Institution Level
(ii) Themes Quality improvement on teac	hining learning system

- 2.14 Significant Activities and contributions made by IQAC
  - Huawei centre of excellence for communication system is established.
  - Dassualt 3Ds Centre of Excellence in mechanical design is established.
  - AICTE-PMKY centre is established.
  - Entrepreneurship awareness programes conducted.
  - Andhra Pradesh Skill Development Corporation established skill centres.
  - Academic audit system strengthened.
  - Campus placements improved.
  - Arranged e-learning classes by all faculties.
  - Minimum of two expert lectures are arranged by each department.
  - Increased awareness on research to all faculties.
  - Intensive placement training programmes are conducted from the first year onwards.
  - Student counselling and mentoring system are strengthened.
  - Upgraded the Computational facilities for the students and staff.
  - Laboratories are upgraded by procuring new equipment in all departments.
  - Faculty qualifications are improved. Some were awarded Ph D. Some have registered for Ph D.
  - Department wise more student association activities like technical quiz's, seminars, group discussions etc., were conducted.
  - Equal importance is given cultural festivals, sports.

## 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
<ul> <li>Up gradation of laboratory and other infrastructure facilities.</li> <li>Focus on industry Institute interaction.</li> <li>Improvement in student counselling system.</li> </ul>	<ul> <li>New COE are established in Mechanical and Electronics Department</li> <li>Skill transfer programme fo IV B Tech ME and EEE students arranged by Prime Median Company, Medensha Corporation, Japan.</li> </ul>
<ul> <li>Improvement in student –learning system.</li> <li>More training programmes arranged for placements.</li> <li>Proposal to start skill development programmes</li> </ul>	<ul> <li>More industrial visits arranged</li> <li>Results improved, placements improved.</li> <li>The placements of the Institute improved</li> <li>APSSDC, AICTE-PMKY skill centres are established</li> <li>New labs established and new technical</li> </ul>
• Upgrade computational facilities.	software procured. More computers with high configuration are procured.
• Strengthening the faculty and students research.	<ul> <li>More proposals submitted to funding agencies</li> </ul>
<ul> <li>Implementation of swatcha College.</li> <li>Improve transportation facility to student.</li> </ul>	<ul> <li>Swatcha College is effectively implemented.</li> <li>New buses are purchased.</li> </ul>

2.15 Whether the AQAR was placed in statutory body	Yes <b>v</b>	No [	
Management Syndicate	Any other bo	ody	
Provide the details of the action taken			

Management approved AQAR and provided the support to meet the requirements.

<sup>\*</sup> Attach the Academic Calendar of the year is enclosed in Annexure I.

# Part – B

## Criterion - I

# **1. 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	3	-	3	-
PG	4	-	4	-
UG	6	-	6	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	4
Others	-	-	-	-
Total	13	-	13	4
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

- $1.2 \quad (i) \ Flexibility \ of the \ Curriculum: \ \underline{CBCS}/Core/Elective \ option \ / \ \underline{Open \ options}$ 
  - (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	10
Trimester	-
Annual	-

1.3 Feedback from stakeholders* (On all aspects)	Alumni	٧	Parents	٧	Employers	٧	Students	٧	
Mode of feedback :	Online		Manual	٧	Co-operating	g scho	ools (for P	EI)	

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

Yes, New curriculum is introduced based outcome based education from 2017-18 academic year.

<sup>\*</sup>Please provide an analysis of the feedback in the Annexure

- 1.5 Any new Department/Centre introduced during the year. If yes, give details.
  - Andhrapradesh State Skill Development Corporation sanction skill development centre to the department of Computer Science Engineering and organized training programmes.
  - Andhrapradesh State skill development corporation sanction skill development centre to the department of Mechanical Engineering and organized training programmes.
  - New COE are established( Huawai, Dassualt)

## Criterion - II

# 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
156	117	15	21	3

2.2 No. of permanent faculty with Ph.D.

41

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst.		Associa	ite	Profes	sors	Others		Total	
Profes	sors	Profess	ors						
R	V	R	V	R	V	R	V	R	V
20	-	2	-	-	-	-	-	22	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	I - I	-
	1	
	1	

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	65	05
Presented papers	40	-	-
Resource Persons	-	-	-

- 2.6 Innovative processes adopted by the institution in Teaching and Learning:
  - APSSDC skill development programmes to students.
  - Workshops and training programmes on recent trends in emerging areas.
  - QEEE programmes in association with IIT, Chennai.
  - Extensive training programmes organized by **Teamlease Company** for all UG students to train them for placement.
  - NPTEL courses.
  - English spoken tutorials.

- Programming skills by IBM.
- Workshops and guest lectures from Industrial experts are organized on robotics, internet of things.
- e-learning classes are organized.
- 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)

Yes, Revaluation Introduced

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

20	25	20

2.10 Average percentage of attendance of students

80%

#### 2.11 Course/Programme wise distribution of pass percentage:

Title of the	Total no. of students	Division				
Programme	appeared	Distinction %	I %	II %	III %	Pass %
B Tech	572	43.53	29.02	4.72	-	77.27
M Tech	36	88.88	0.06	-	-	94.44

- 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:
  - By collecting feedback from the students, parents, alumni and staff.
  - By Sudden inspections.
  - Using internal audit system.

#### 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	81
UGC – Faculty Improvement Programme	26
HRD programmes	24
Orientation programmes	49
Faculty exchange programme	0
Staff training conducted by the university	01
Staff training conducted by other institutions	70
Summer / Winter schools, Workshops, etc.	75
Others	25

#### 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	64			03
Technical Staff	44			02

## Criterion - III

# 3. Research, Consultancy and Extension

- 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution
  - Motivation programmes were organized by R& D cell.
  - Faculty are trained in preparing research proposals to various funding organizations.
  - Arranged frequent interactions with experts from various research Institutions
  - Full time Research scholars are admitted to Research Centre of JNT University Anantapur
- 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	1
Outlay in Rs. Lakhs	-	-	-	12.35

3.3 Details regarding minor projects: Nil

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	32	-	-
Non-Peer Review Journals	25	-	-
e-Journals	12	-	-
Conference proceedings	17	-	-

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Range	1.3 to 4	Average	2	h-index	01	Nos. in SCOPUS	01

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	2015-2018	AICTE	12.35/-	Under progress
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	_	-	-	_

Univ	ersity/ College	e	-		-	-		-
Stude	ents research p	rojects	-		-	-		-
	other(Specify)		_		_	_		_
Total		<u>,                                      </u>	_		-	-		-
3.7 No. of bo	ooks published	d i) With	n ISBN N	o. 1	Cha	pters in Edite	d Books	-
		ii) With	nout ISBN	No.	-			
3.8 No. of U	niversity Dep	artments r	receiving	funds from	NI	L		
		UGC-SA	AP	CAS		DST-F	IST	
		DPE				DBT S	cheme/fu	unds
3.9 For colle	eges	Autonon	ny 🚺	СРЕ	E <b>v</b>	DBT S	tar Schei	me
		INSPIRI	E	CE		Any O	ther (spe	cify)
	e generated the	C	·		5, 82,000/	-		
	Level	Inte	rnational	National	State	University	College	
	Number		01	06	-	-	-	
	Sponsori agencies	0	stitute onsored	Institute sponsore		-	-	
3.12 No. of faculty served as experts, chairpersons or resource persons 17								
3.13 No. of collaborations  International _ National _ Any other _								
3.14 No. of linkages created during this year 3								
).1 <del>4</del> 1 <b>10</b> . 01 1	iiikuges ereatt	Č	<i>J</i>					
	udget for research			<u> </u>	 0.86 lakh		_	
3.15 Total b	-		urrent yea	r in lakhs :		niversity/Col	lege	1

3.16 No. of patents received this year NIL

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

3.17 No. of research awards/ recognitions received by faculty and research fellows 0 of the institute in the year

of the in	stitute in the year	ar		, cu oj iucu:	oy unio i	000000000000000000000000000000000000000	10 115 0	
Tota	l International	National	State	University	Dist	College	7	
-	-	-	-	-	-	_		
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 b	y faculty fr	om the	Institution	04			
3.20 No. of	Research schola	rs receiving	the Fel	lowships (N	ewly en	rolled + e	xisting ones) NIL	
	JRF	SRF		Project F	ellows		Any other	
3.21 No. of	students Particip	ated in NS	S events	: 120				
				Univers	ity leve		State level	
				Nationa	l level		International level	٧
3.22 No. of	students particij	pated in NC	C event	s: 40				
				Univers	sity leve	el 📗	State level	
				Nationa	ıl level		International level	٧
3.23 No. of	Awards won in	NSS:	01					
				Univers	ity level		State level	٧
				Nationa	l 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 activi	ties organiz	ed: 26					
Ur	iversity forum		College	e forum	٧			
NO	CC	٧	NSS	Γ,	,	Any	y other	

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

- A Blood donation camp was conducted on 20 August 2017 with association of DSR Govt. hospital, Nellore and Red cross Society, Nellore.410 units of blood was donated by students.
- On 31 December an awareness rally was conducted on AIDS as a part of World Aids Day.
- A special camp was done in the adopted village Kothapalem for a weak. The students spent a
  weak in the village. The Village was cleaned by our volunteers and planted 150 saplings. A
  medical camp was also conducted. The villagers were given some awareness on seasonal
  diseases and cleanliness.
- An awareness rally was done in Vidyanagar on 25 January2018 as it is observed as National Voter's Day.
- Blood donation camp was conducted on 20 february 2018 with association of Red Cross Society Nellore.220 units of blood was donated by students.
- On 12th march 2018 a medical awareness program was organized by Govt. Hospital, Gudur.
- From 9-04-2018 to 15-04-2018 a special camp was conducted in Kothapalem village. Many activities like clean and green, awareness on toilets usage, plantation and free medical camp were conducted for a week.

#### **Criterion - IV**

## 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly	Source of	Total
		created	Fund	
Campus area	64332.3 Sq m	12,500sq.m	Institutional	76832.3
	(carpet area)	12,50054.111	fund	7 002 2.2
Class rooms	60		Institutional	
	00		fund	
Laboratories	22		Institutional	
	32		fund	
Seminar Halls	4	2		
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-			-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	131.856	-	-
Others	-	-	-	-

## 4.2 Computerization of administration and library

- Online data management system which provides the student database with all details, and it also provides the day to day attendance of the students.
- The staff and students can access the data anywhere in the campus, The students and faculty can access and download NPTEL video lectures, subscribed e-journals and e-books from the library through internet/intranet and Wi-Fi.
- Administrative office and library are fully computerized.

## 4.3 Library services:

	Exis	sting	Newly	added	То	tal
	No.	Value	No.	Value	No.	Value
Text Books	14320	46979	212	3291	14520	50270
Reference Books		14320		276		14596
e-Books		12068		204		12272
Journals		147		55		202
e-Journals		4593		1940		6533
Digital Database	NPTEL	7TB			NPTEL	7TB
CD & Video		1480		40		1520
Others (specify)						
Back Volumes	-	1637		798		2435
Project reports	-	546		160		706

## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	852	13	75mbps	1	1	1	5	1
Added	101	0	25mbps	0	0	0	0	0
Total	953	13	100mbps	1	1	1	5	1

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology Upgradation (Networking, e-Governance etc.)
  - Computer training programmes conducted for non-teaching staff.
  - IBM training programmes conducted for students on C and C++.
  - Online QEEE programs conducted for students
  - NPTEL classes
- 4.6 Amount spent on maintenance in lakhs:

i) ICT	1.114
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ii) Campus Infrastructure and facilities 558.785

iii) Equipments 131.856

iv) Others (including salaries) 20.111

**Total:** 711.866

## Criterion – V

# 5. Student Support and Progression

- 5.1 Contribution of IQAC in enhancing awareness about Student Support Services
  - Training classes to the students about importance of competitive exams
- 5.2 Efforts made by the institution for tracking the progression
  - Result evaluation, placement.
  - Collecting the feedback from the students, parents, Alumni and staff.
  - Interacting with students in the campus

5.3 (a) Total Number of students UG PG Ph. D. Others 2496 30 5 (b) No. of students outside the state Nil (c) No. of international students Nil No % Women Men 1879 74.39 647 25.61

Last Year				This Year							
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
925	413	45	1067	-	2450	970	467	48	1041		2526

Demand ratio:--Dropout %: 2.96

- 5.4 Details of student support mechanism for coaching for competitive examinations (If any)
  - Extra classes are conducted to the students for GATE, GRE and TOFEL.

120 No. of students beneficiaries

5.5 No. of students qualified in these examinations

**NET** SET/SLET **GATE** 80 CATIAS/IPS etc State PSC **UPSC** Others 25

- 5.6 Details of student counselling and career guidance
  - For every 20 students a faculty counsellor is appointed.
  - For every class a class in-charge is appointed.
  - Regular interaction with backward student by class in-charge, counsellor, Heads and Director.

No. of students benefitted 120

# 5.7 Details of campus placement

	Off Campus		
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
15	350	77	25

5.	8	Details	of	gender	sensitization	programmes
$\sim$ .	·	Details	$\mathbf{o}_{\mathbf{I}}$	gondor	belibitiZation	programmos

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5.8 Details	of gender sensitization programmes							
No gender sensitization programmes are conducted								
5.9 Studen	nts Activities							
5.9.1	No. of students participated in Sports, Games and other events 170							
	State/ University level  National le	evel 🚺 Intern	national level					
	No. of students participated in cultural events 100							
	State/ University level  National le	evel Intern	national level					
Cultura	5.9.2 No. of medals /awards won by students in Sports, Games and other events: 55  Sports: State/ University level 44 National level - International - Internation							
5.10 Schol	arships and Financial Support							
		Number of students	Amount (Rs.)					
	Financial support from institution							
	Financial support from government	1748	8,06,83,400					
	Financial support from other sources Alumni							
	Number of students who received International/ National recognitions							
5.11 Stud	dent organised / initiatives							
Fairs	: State/ University level 2 National le	evel 6 Intern	national level					
Exhibition	: State/ University level 2 National le	evel Intern	ational level					

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

#### Criterion - VI

## 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

#### **VISION**

Transform into a world class autonomous Technical Institution of choice of students satisfying all their educational needs and also contribute to the development of the region.

#### **MISSION**

Impart total quality Technical education at undergraduate and post graduate levels by providing good governance and best teaching and learning practices, creating opportunities for research, consultancy and faculty development, maximizing student results and placements, constantly interacting with industries for mutual benefits, developing the soft skills of students and also striving for economic well-being of local community and the region.

- 6.2 Does the Institution has a management Information System
  - Yes. The college developed own knowledge management system.
  - The college design and maintain college website <a href="www.nbkrist,org">www.nbkrist,org</a>. The website provides the information regarding the courses offered details of the faculty and staff, infrastructure and other facilities, examination details, library details, placement information, training programmes and workshops, hostel information, amenities, professional body activities, seminar/paper competition details and extra-curricular activities.
  - > The college maintains online attendance management system to provide the details of day to day attendance of all the students. It also provides the necessary information pertaining to academics like class work schedules, details of all the students etc.,
  - > The library continuously updates the information about the availability of books, journals and magazines through library management system. The faculty and student can access NPTEL, DELNET and other e-books from Institute library through intranet.
- 6.3 Quality improvement strategies adopted by the institution for each of the following:
- 6.3.1 Curriculum Development
  - Interacted with alumni and industrial persons for improving the curriculum.
  - Curriculum is restructured based on the curriculum of reputed Institutes like IIT's, NIT's and top Universities.
  - Incorporation of Industry oriented subjects in the curriculum

#### 6.3.2 Teaching and Learning

- Improved Department Libraries with adequate facilities.
- Conducted more e-learning classes.
- Conducted outcome based training courses.

#### 6.3.3 Examination and Evaluation

- Internal marks weightage given to Assignments.
- Objective paper is introduced in internal exams.
- Importance is given to both internal exams.
- Flying squad system is introduced during the examination.

## 6.3.4 Research and Development

- R&D cell Activities are strengthened.
- Proposals are submitted to for grants

## 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Books and journals are procured on regular basis.
- Library data base system is improved.
- Good number of e-books and video lecturers are collected.
- LCD projectors, computers and printers are procured.
- Laboratory infrastructural facilities are improved.
- New buildings are constructed.

#### 6.3.6 Human Resource Management

- Workshops and faculty development programmes are organized
- Technical staff training programmes are organized
- Student special camps (like surveying) are organized.
- Students are sent for summer internship programmes.

#### 6.3.7 Faculty and Staff recruitment

- Faculty improved their qualification by getting Ph. D. degrees.
- Ph D holders are taken in to the faculty of all the Departments.
- Well qualified teaching faculty are recruited.

6.3.8	Industry	Interaction /	Collaboration
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- IIP cell activities are strengthened.
- Department wise placement and IIP cell coordinators are appointed.
- Industrial data base is prepared.

#### 6.3.9 Admission of Students

- Transportations facility is available from in and around places.
- Campus hostel accommodation is available.

6.4 Welfare schemes for	Teaching/ Non teaching	8142235.00
	Students	409030 00

- 6.5 Total corpus fund generated: Rs.2, 00,000.00
- 6.6 Whether annual financial audit has been done Yes V No
- 6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal		
	Yes/No	Agency	Yes/No	Authority	
Academic	Yes	Quest international	Yes	Department committees	
Administrative	Yes	Quest international	Yes	Department committees	

For UG Programmes	Yes	٧	No	
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- 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?
  - University appointed Academic Council members
  - University appointed Result committee member

- 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?
- 6.11 Activities and support from the Alumni Association
  - Meritorious awards by Alumni Association.
  - Interaction, Training programmes and guest lectures are arranged by Alumni association.
  - Placement assistance.
- 6.12 Activities and support from the Parent Teacher Association
  - Regular meetings with parents and collecting the feedback about the college and student support system.
- 6.13 Development programmes for support staff
  - Computer training programmes, English training classes are conducted.
- 6.14 Initiatives taken by the institution to make the campus eco-friendly
  - More plantations, water harvesting
  - Usage of vehicles by students in the campus is prohibited.
  - Uses of renewable energy sources- Solar Panel etc.

#### 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.
  - English language club and robotics club are initiated this year.
  - SAE club
- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year
  - Faculty development programmes are arranged.
- 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)
  - Online student data base management system
  - SMS alerts are introduced.
- 7.4 Contribution to environmental awareness / protection
  - More plantations and water harvesting.
  - Usage of vehicles by students in the campus is prohibited.
  - Uses of renewable energy sources- Solar Panel etc.
- 7.5 Whether environmental audit was conducted? Yes No
- 7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis) Nil

#### 8. Plans of institution for next year

- Quality improvement in research publications.
- Preparing faculty to submit more proposals for funding
- Establishment of COE in each department.

Dr. I. Prabhakar Reddy

Coordinator, IQAC

Dr. V. Vijaya Kumar Reddy

Chairperson, IQAC