The Annual Quality Assurance Report (AQAR) of the IQAC

(July 1, 2014 to June 30, 2015)

Part – A

AQAR for the year

> 2014-2015

1. Details of the Institution

1.1   Name of the Institution

> Andhra University

1.2   Address Line 1   :

> Waltair

City/Town   :

> Visakhapatnam

State   :

> Andhra Pradesh

Pin Code   :

> 530003

Institution e-mail address   :

> auregistrarvsp@gmail.com

Contact Nos.   :

> 0891-2844567

Name of the Head of the Institution   :

> Prof.G.S.N. Raju

Tel. No. with STD Code   :

> 0891-2844222

Mobile   :

> 944077773

Name of the IQAC Coordinator	:	**Prof. G.M.J. Raju**	

Mobile : 9866017067

IQAC e-mail address : auiqac2005@gmail.com

1.3   NAAC Track ID : APUNGN10055

OR

1.4   NAAC Executive Committee No. & Date: EC/PCRAR/46/10 dated 16-09-2008

1.5   Website address : www.andhrauniversity.edu.in

Web-link of the AQAR   http://www.andhrauniversity.edu.in/iqac/aqar/aqar2014-15.pdf

1.6   Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A		2002	2008
2	2nd Cycle	A	3.65	2008	2014

1.7   Date of Establishment of IQAC :   DD/MM/YYYY   11-07-2005

1.8   Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

> i.   AQAR 2008-09 submitted to NAAC 29-03-2014
> ii. AQAR 2009-10 submitted to NAAC 29-03-2014
> iii. AQAR 2010-11 submitted to NAAC 10-05-2014
> iv. AQAR 2011-12 submitted to NAAC 10-05-2014
> v.   AQAR 2012-13 submitted to NAAC 29-05-2014
> vi. AQAR 2013-14 submitted to NAAC 13-05-2015

1.9   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 √   UGC2(f) √   UGC 12B √

                    Grant-in-aid + Self Financing √   Totally Self-financing ☐

1.10   Type of Faculty/Programme

Arts √   Science √   Commerce √   Law √   PEI (Phys Edu) √

TEI (Edu) √   Engineering √   Health Science ☐   Management √

Others   (Specify)   Pharmacy

1.11   Name of the Affiliating University *(for the Colleges)*   :   NA

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

        Autonomy by State/Central Govt. / University   √

        University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme	DST PURSE	UGC-CE	
UGC-Special Assistance Programme	√	DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	TEQIP PHASE–II
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1   No. of Teachers   9

2.2   No. of Administrative/Technical staff   8

2.3   No. of students   3

2.4   No. of Management representatives   2

2.5   No. of Alumni   3

2. 6   No. of any other stakeholder and community representatives   1

2.7   No. of Employers/ Industrialists   2

2.8   No. of other External Experts   2

2.9   Total No. of members   27

2.10 No. of IQAC meetings held   2

2.11 No. of meetings with various stakeholders: No. [4]   Faculty [2]

Non-Teaching Staff & Students [2]   Alumni [2]   Others [1]

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

If yes, mention the amount   4.5 Lakhs

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 4 | International | 0 | National | 0 | State | 1 | Institution Level | 3

 (ii) Themes

> 1. QMS in Higher Education Institutions
> 2. Internal Audit & Standardization of Records in Universities
> 3. Improving the Accreditation rating through Teacher performance
> 4. Quality education and Sustainable Development of Universities

2.14   Significant Activities and contributions made by IQAC

The IQAC of Andhra University has chalked out the plan of action for the year 2014-15 in its advisory board meeting held on 20-11-2014. The following are the activities considered for implementation.

1. To conduct Academic Audit of the departments, research centers with respect to the ISO 9001:2008 standard of the University.
2. To conduct workshops and awareness campaign towards quality education in the University departments.
3. To recognize meritorious contributions of faculty by means of Sarvepalli Radha Krishna awards and best researcher awards.
4. To provide infrastructural facilities for modern methods of teaching and research..
5. To develop the soft skills and personalities of the students by organizing training programs.
6. To encourage students to participate in competitive exams by conducting special classes.
7. To inculcate research initiatives among students by organizing guest lectures by eminent personalities.
8. Strengthen the library facility by subscribing to the e-journals and providing internet browsing facility for the student in the library.

The University has adopted the following processes for internal quality checks:

➤ Evaluation of teachers by students at the end of every semester.
➤ Self appraisal reports submitted by teachers every year.
➤ Collecting feedback from all stake holders of the university namely, parents, alumni, retired teachers and employees.

- Organization of workshops at regular intervals on Quality Assurance and Management to sensitize the faculty.
- A meeting was held on 14-7-2014 with Principals, faculty chairmen's, Chairmen, board of Studies, Heads of the department, Dean Academic Affairs and NAAC Steering Committee Members which and discussed regarding the NAAC peer team visit.
- A workshop on QMS in Higher Education Institutions was conducted on 22-08-2014
- A seminar on Internal Audit & Standardization of Records in Universities was conducted on 6-9-2014
- A workshop is conducted on Improving the Accreditation rating through Teacher performance on 11th November, 2014.
- A seminar on Quality education and Sustainable Development of Universities was conducted on 10-2-2015
- A meeting was held on 02-07-2014 with NAAC steering committee members and reviewed the progress of NAAC preparation and the ISO Audit.

- A surveillance Audit is conducted on 22nd and 23rd April 2015 by external lead auditors from TUV-SUD South Asia. Andhra University was recertified with ISO 9001:2008 for year 2015-16

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
To conduct 4 workshops/ seminars for faculty and students in quality enhancement, ethics, values and employability	Four workshops were conducted. In each nearly 110 faculty and 300 students participated. Eminent personalities have delivered the lectures.
To conduct 2 internal audits and one surveillance audit by external agency	2 internal audits were conducted by 25 trained internal auditors and submitted the audit reports. The consolidated audit reports for two audits were placed before management review meetings and corrective actions were taken. One surveillance audit by TUV-South ASIA is conducted. The ISO 9001:2008 recertification was received.
To collect feedback from students on 10 quality parameters related to curriculum, teaching, learning and evaluation processes.	The feedback from students in each department after completion of even and odd semester examination is collected and analyzed. The consolidated reports were sent to the departments for perusal of the teachers.

To collect the feedback from parents, retired employees and alumni.	The feedback from parents, retired employees and alumni in each department was collected on sample basis and analyzed. The consolidated reports were placed before management for effective implementation of the suggestions received from them.
To Collect self evaluation report from faculty and department evaluation report.	The Self evaluation reports from all faculties are collected and analyzed. The consolidated report is placed before the management and communicated back to the faculty. The department evaluation reports from each department is collected and analyzed.
To encourage meritorious faculty, employees and students through distribution of awards, prizes and certificates by University.	The Prof. Sarvepalli Radhakrishnan Best Academician Award was given to 6 faculty members. Another 6 Faculty members were awarded Best Researcher Awards. 3 faculty members were nominated for best teacher award given by the state government. The University has given best employees awards to the non-teaching staff. The meritorious students were given gold medals, prizes and cash awards in the convocation.
To conduct quality awareness campaigns in the affiliated colleges	The University has conducted periodic meeting with affiliated college managements, principals and faculty. Each college is advised to formulate IQAC cell in the college with a nodal officer.
To continue the best quality initiatives	The University has continuing 36 existing quality initiatives effectively

2.15   Whether the AQAR was placed in statutory body   Yes ☑   No ☐

Management ☑   Syndicate ☐   Any other body ☐

Provide the details of the action taken

The IQAR was placed in MRM and AU standing council meeting along with the Annual report and it was approved.

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	59	-	-	59
PG	116	1	9	117
UG	19	-	4	19
PG Diploma	14	-	14	14
Diploma	4	7	11	4
Certificate	5	2	7	5
Duel degree	20	-	20	20
Twinning	3	2	5	5
Total	242	12	70	243

Interdisciplinary	16	-	16	16
Innovative	16	-	16	16

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

    (ii)   Pattern of programmes:

Pattern	Number of programmes
Semester	**All Programs**
Trimester	--
Annual	--

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

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

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

The following are the programmes in which the syllabi is modified during the academic year 2014-15.

M.A. Journalism & Mass Communications

M.A. Music (SDE)

M.A. Music (Regular)

M.A. Yoga and Consciousness

M.A. Psychology

M.A. Telugu

M.A. Anthropology

MBA Banking & Financial Services

B.F.A

M.Sc. (Tech) Geophysics

M.Sc. Geography

M.Sc. Biotechnology

M.Sc. Geology

M.Sc. Inorganic & Organic Chemistry

B.Tech. Chemical Engineering

B.Tech. Bio-Technology

M.Tech Bio-Technology

M.Tech Industrial Pollution Control Engineering

B.Tech.Geo-Engineering

B.Tech. Mechanical Engineering

B.Tech Electrical & Electronics

B.Tech Electronics & Communications

B,Tech Civil Engineering

B.Tech Computer Science & System Engineering

B.Tech Instrumentation Engineering

B.Tech Metallurgical Engineering

B.Tech Marine & Naval Architecture

B.Tech + M.Tech all programmes

B.Tech (Civil Engineering) + M.B.A

B.Tech (Electrical Engineering) + M.B.A

B.Tech (Mechanical Engineering) + M.B.A

B.Tech (Electronics and Communication Engineering) + M.B.A

B.Tech (Computer Science & Systems Engineering) + M.B.A

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
405	87	59	259	--

2.2   No. of permanent faculty with Ph.D.   :   341

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
--	264	--	163	--	120	--	--	--	547

2.4   No. of Guest and Visiting faculty and Temporary faculty   : 331

2.5   Faculty participation in conferences and symposia:

Andhra University is encouraging its faculty members to attend the seminars, conferences, and workshops of National and international level. The details of the Seminars/Conferences/Workshops/ Training Programmes attended by the faculty of Andhra University campus colleges during the academic year are as follows

Name of the College	Number of faculty		
	National	International	Chaired the Session/Invited speaker
A.U. College of Arts & Commerce	54	01	36
A.U. College of Science & Technology	69	08	28
A.U. College of Engineering (A)	77	08	37
Dr. B.R. Ambedkar College of Law	6	--	4
A.U. College of Pharmaceutical Sciences	10	---	6
Total	**226**	**17**	**111**

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

The Andhra University carries high reputation for its practices in teaching and learning process and in evaluation system. The following are the key factors contributing to the effectiveness of teaching-learning and evaluation.

1. Attracting meritorious students
2. Well qualified and highly experienced teaching faculty
3. Differential approaches to support slow learners and advanced learners
4. Effective implementation of academic schedule and teaching plans
5. Focus on experiential learning and participative learning
6. Involving experts from industry and other research and academic institutions
7. Use of ICT in teaching and learning
8. Prevalence of student centric learning environment
9. Mentor and Mentee relationship
10. Continuous evaluation process and transparency in evaluation methods
11. Computerization of evaluation process
12. Grievance redressal mechanism for evaluation process
13. Evaluation by three examiners – one from within the state, one from outside the state and one from foreign country for Ph.D. theses evaluation
14. Focus on teacher development programs
15. Student participation in organizing academic programs
16. Student seminars, student events and contests, student participation in national level seminars and conferences and competitions to promote creative thinking and desired competencies.

2.7   Total No. of actual teaching days during this academic year   :   188

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

Andhra University has adopted several examination reforms time to time to maintain quality of teaching and learning process. The following are the best procedures adopted by Andhra University for Examination and Evaluation system:

➢ Conduct of two mid term examinations and one semester end examination.
➢ One mid term examinations are conducted by the concerned department and paper set by the internal teacher. The evaluation is done by the class teacher.
➢ The second mid term examination is done online.

- The question bank for paper is prepared by the concerned department with not less than 100 questions and used for paper setting.
- The second mid examination results are published immediately after the examination.
- The semester end examinations are conducted by Controller of examinations of the University. The University has introduced choice based credit system and adopted grading system for all courses.
- The double valuation system is adopted fro PG Courses.
- Supply of Photocopy of the Script and provision for revaluation are in practice.

2.9   No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop: 342

2.10   Average percentage of attendance of students :   88%

2.11   Course/Programme wise distribution of pass percentage :

S.No	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
1.	B.Arch.	41	20	64	8		92
2.	B.Tech. Bio-Technology	17	21	61	8		90
3.	B.Tech. Chemical Engineering	40	23	62	6		91
4.	B.Tech. Chemical Engineering With Ceramic Technology as Elective	10	30	50	-		80
5.	B.Tech. Chemical Engineering with Petroleum Engineering Elective	10	30	60	-		90
6.	B.E. Civil Engineering	30	18	60	12		90
7.	B.E. Civil Engineering with Environmental Engineering Elective	10	20	60	10		90
8.	B.Tech. Computer Science & Engineering	25	36	48	8		92
9.	B.E. Electronics & Communication Engineering	26	34	50	4		88
10.	B.E. Electrical & Electronics Engineering	30	24	57	6		87
11.	B.E. Geo-Informatics	30	24	54	6		84

12.	B.Tech. Instrumentation Engineering	30	21	57	3		81
13.	B.E. Mechanical Engineering	30	24	57	6		87
14.	B.E. Metallurgical Engineering	30	24	63	6		93
15.	B.E. Naval Architecture & Marine Engineering	30	21	60	6		87
16.	B.Pharm.	40	24	56	12		92
17.	L.L.B	60	5	45	21	8	79
18.	B.Ed	25	20	48	16	4	88
19.	B.F.A	30	8	59	22	5	94
20.	B.E. Aircraft Engineering	30	10	59	13		82
21.	B.E. Electro Mechanical Engineering	30	8	62	10		80
22.	M.S. Molecular Biology & Biotechnology (Kansas State University, USA)	30	7	62	18		87
23.	M.S. Software Engineering (Blekinge Institute of Technology, Sweden)	30	8	60	18		86
24.	M.S. Signal Processing (Blekinge Institute of Technology, Sweden)	30	12	58	12		82
25.	M.B.A. (Alcorn State University, Mississippi)	30	15	63	13		91
26.	B.S. Hotel, Restaurant and Institutional Management (HRIM) University of Delaware, Delaware)	30	8	59	18		85
27.	Geology (B.Sc. +M.Sc.)	30	14	59	12		85
28.	Applied Chemistry (B.Sc. +M.Sc.)	30	12	57	17		86
29.	Economics (B.A + M.S)	20	4	58	13	6	81
30.	M.Com.	60	8	54	15	6	83
31.	M.S. Economics	30	6	57	12	8	83
32.	M.A. Economics	60	5	61	14	8	88
33.	M.A. Applied Economics	30	5	57	18	11	91
34.	M.A. Adult Education	20	4	60	13	12	89
35.	M.A. English	50	6	54	16	12	88
36.	M.A. Hindi.	50	8	52	22	8	90
37.	M.A. History	50	6	58	8	14	86
38.	M.A. Ancient History & Archaeology	20	5	55	5	15	80
39.	M.H.R.M.	50	4	62	8	12	86
40.	M.A. H.R.D.	20	5	55	5	15	80
41.	M.J.M.C.	30	4	58	11	13	86
42.	M.L.I.Sc.	40	8	60	10	13	91
43.	M.Ed*	35	3	68	11	9	91
44.	M.Ed. , I.A.S.E.,A.U.	35	5	65	11	11	92
45.	M.A. Philosophy	30	3	60	12	9	84

46.	M.A. Politics	50	4	61	12	8	85
47.	M.A. Public Admn..	50	4	56	10	12	82
48.	M.A. Psychology	24	1	55	14	12	82
49.	M.A. Sanskrit	20	10	55	10	15	90
50.	M.A. Social Work	50	4	62	4	8	78
51.	M.A. Anthropology	12	5	65	4	12	86
52.	M.Sc. Anthropology	12	7	53	17	12	89
53.	M.A. Sociology	30	2	59	14	12	85
54.	M.A. Telugu	60	6	54	18	14	92
55.	M.P.Ed.	30	6	62	12	12	92
56.	M.A.Music	10	5	61	10	9	85
57.	M.A. Dance	10	5	55	15	15	90
58.	M.Sc. Biochemistry	30	21	54	13		88
59.	M.Sc. Biotechnology	30	21	63	7		91
60.	M.Sc. Agricultural Biotechnology	24	23	59	8		90
61.	M.Sc. Environmental Sciences	24	19	62	10		91
62.	M.Sc. Botany	62	20	61	8		89
63.	M.Sc. Horticulture and Landscape Management	20	15	60	15		90
64.	M.Sc. Analytical Chemistry	18	20	63	8		91
65.	M.Sc. Bioinorganic Chemistry	10	24	57	7		88
66.	M.Sc. Foods, Drugs & Water	12	24	58	9		91
67.	M.Sc. Environmental Chemistry	10	30	50	10		90
68.	M.Sc. Inorganic Chemistry	12	18	61	13		92
69.	M.Sc. Marine Chemistry	06	18	60	11		89
70.	M.Sc. Nuclear Chemistry	08	13	63	13		89
71.	M.Sc. Organic Chemistry	18	16	61	12		89
72.	M.Sc. Physical Chemistry	20	20	55	15		90
73.	M.Sc. Applied Chemistry	30	21	57	13		91
74.	M.Sc. Computer Science & Statistics	20	21	61	9		91
75.	M.Sc. (Tech.) Electronics &Instrumentation (Electronics Stream)	30	13	59	12		84
76.	M.Sc. (Tech.) DSP&ESD	60	21	58	9		88
77.	M.Sc. Geography - B.Sc. stream	16	18	61	11		90
78.	M.A. Geography - B.A. stream	16	17	59	14		90
79.	M.Sc. Geology	30	18	61	11		90
80.	M.S Geology	30	21	56	12		89
81.	M.Sc. Marine Geology	26	18	56	13		87
82.	M.Sc. Human Genetics	30	21	57	12		90
83.	M.Sc. Marine Biology and Fisheries	16	22	59	9		90
84.	M.Sc. Coastal aquaculture	17	19	57	11		87

	and marine biotechnology						
85.	M.Sc. Marine Biotechnology	16	15	62	12		89
86.	M.Sc. Applied Mathematics	40	21	54	13		88
87.	M.A./M.Sc. Mathematics	80	21	57	9		87
88.	M.Sc. Microbiology	36	25	56	8		89
89.	M.Sc. Physics	68	23	55	9		87
90.	M.Sc. Space Physics	10	22	55	11		88
91.	M.Sc. (Tech.) Electronics & Instrumentation (Physics stream)	16	21	54	14		89
92.	M.Sc. Nuclear Physics	34	19	58	11		88
93.	M.Sc. Meteorology	21	20	59	11		88
94.	M.Sc. Physical Oceanography	21	18	57	14		89
95.	M.Sc.(Tech.) Geophysics	44	19	59	12		90
96.	M.Sc. Marine Geophysics	16	19	58	12		89
97.	M.Sc. Hydrology	16	17	62	12		91
98.	M.Sc. Statistics	40	23	58	11		92
99.	M.Sc. Zoology	54	19	59	11		89
100.	M.Sc. Fishery Science	36	19	58	13		90
101.	M.Sc. Computer Science	30	21	61	7		89
102.	M.Tech. Atmospheric Sciences	15	18	63	8		89
103.	M.Tech. Oceanic Sciences	15	16	57	14		87
104.	M.Tech. Petroleum Exploration	28	19	57	11		87
105.	M.Tech (Chemical Engineering)	25	24	60	4		88
106.	M.Tech(Mineral Process Engineering)	18	17	59	11		87
107.	M.Tech (Biotechnology)	18	28	56	6		90
108.	M.Tech(Industrial Pollution Control Engineering)	18	16	67	6		89
109.	M.Tech (Computer Aided Chemical Engineering)	18	21	63	6		90
110.	M.E. (Structural Engineering)	18	17	61	11		89
111.	M.E. (Environmental Engineering & Management)	18	22	61	6		89
112.	M.E. (Hydraulics, Coastal & Harbour Engineering)	18	17	63	11		91
113.	M.E. (Soil Mechanics & Foundation Engineering)	18	22	61	6		89
114.	M.E. (Structural Engineering & Natural Disaster Management	18	28	56	6		90
115.	M.E.(Power Systems & Automation)	18	11	61	11		84
116.	M.E.(Control Systems)	18	11	61	11		84

117.	M.E. (Industrial Engineering)	18	17	66	6		89
118.	M.E.(Machine Design)	18	17	66	6		89
119.	M.E.(Heat transfer in Energy System)	18	28	56	6		90
120.	M.Tech. (Geo Engineering)	12	17	61	11		89
121.	M.Tech (Remote Sensing)	18	22	56	11		89
122.	M.E (Marine Engineering & Mechanical Handling)	18	22	61	6		89
123.	M.Tech(Radar & Microwave Engineering)	18	17	61	11		89
124.	M.Tech (VLSE)	18	22	56	11		89
125.	M.E. (Electronic Instrumentation)	18	17	61	6		84
126.	M.E.(Bio-Medical Engineering)	18	22	61	6		89
127.	M.Tech. (Instrumentation Engineering)	18	17	67	6		90
128.	M.E. (Industrial Metallurgy)	18	22	61	6		89
129.	M.Tech.(Computer Science & Technology)	18	27	66	0		92
130.	M.Tech (Computer Science & Technology with AI & Robotics)	18	22	60	6		88
131.	M.Tech (Computer Science & Technology with Computer Networks)	18	28	56	6		90
132.	M.Tech (Computer Science & Technology with Bio Informatics)	18	22	61	6		89
133.	M.Tech(Information Technology)	18	27	56	0		83
134.	M.Tech(Nano Technology)	18	22	61	6		89
135.	M.Pharm	52	18	58	12		88
136.	M.Sc (Food Nutrition and Dietetics)	25	15	55	20		90
137.	Pharma D	30	13	60	16		89
138.	LLM	55	12	58	14	4	88
139.	MHRD	20	10	60	10	5	85
140.	5 yr . integrated B.Tech +M.Tech Computer Science	60	12	60	18		90
141.	5 yr . integrated B.Tech +M.Tech Civil Engineering	60	10	53	21		84
142.	M.A. Women studies	20	2	62	20		84

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

The University established IQAC as per the guidelines of the NAAC to ensure sustenance and enhancement of quality in all its activities. The IQAC plays a vital role in the development of strategy and in the formulation of policies and procedures. The IQAC prepares academic calendar regarding teaching and learning processes. The IQAC formulated a quality management system for teaching and learning in the campus. The process includes the scheduling of orientation courses, bridge course, preparation of time tables with student seminars, preparation and submission of teaching plans, filling of activity diary, conduct of extra circular activities, guideline of student councilor, formation of learning teams. The IQAC also prepared a structured questionnaire for collecting the feedback from students. IQAC also collected self appraisals from faculty and department appraisals periodically. The periodic reports submitted by IQAC to the top management and the review meetings conducted periodically helped the organization significantly to monitor the progress and to initiate measures for quality enhancement. The IQAC conducts quality audit once in every six months in all academic and administrative departments. The records and work processes are standardized as per ISO norms. The external audit is done every year by the professional quality auditors. The feedback and the suggestions of all stakeholders are given due importance and placed in Management review meeting for proper approvals. The IQAC coordinates with the Planning, Monitoring and Evaluation Board of the University review the progress and performance of various functional divisions and develop plans for the future.

2.13 Initiatives undertaken towards faculty development

The following are the details of different types of faculty development programmes participated by Andhra University faculty

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	274
HRD programmes	85
Orientation programmes	49
Faculty exchange programme	2
Staff training conducted by the university	328
Staff training conducted by other institutions	96
Summer / Winter schools, Workshops, etc.	214
Short Term Courses / Others	98

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	2500	190	---	56
Technical Staff	375	86	---	26

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC has formulated a quality management system and developed a quality manual which consists of procedure for research. The University is having a structured system at department level, college level, through departmental research committee, college research committee and board of research study. The IQAC in discussion with the departments will formulate the research performance objectives such as number of seminars/ conferences/ workshops organized, Number of distinguished visitors, number of faculty participating in seminars/conference/workshops/ number of research papers published, number of Ph.D/ M.Phil guided, Research funds received etc.,. The IQAC coordinate with the research forum to organize interdisciplinary research meets and to formulate multi disciplinary research. Inter disciplinary research teams are formulated to undertake multi disciplinary research projects. The IQAC encourage the departments to apply for fresh induction and extension of UGC DRS/CAS, DST FIST and research funding agencies schemes.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	22	26	29	25
Outlay in Rs. Lakhs	448	1569	870	2400

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	5	6	14
Outlay in Rs. Lakhs	24	11	12	53

3.4 Details on research publications

During the academic year 2014-15 the faculty and research scholars of the University have published research papers in 476 national and 225 international peer reviewed journals. The college wise details of research publications are given below

In addition to this 52 papers were published in proceedings of conferences and seminars

S.No.	Name of the College	National	International
1.	AU College of Arts, Commerce & Mgt. Studies	93	16
2.	AU College of Science & Technology	218	101
3.	AU College of Engineering (A)	112	94
4.	AU College of Pharmaceutical Sciences	28	11
5.	Dr. B.R.Ambedkar College of Law	11	1
6.	AU Engineeing college for women	14	2
	Total	**476**	**225**

3.5   Details on Impact factor of publications:

Range | 0-5 | Average | 0.8 | h-index | 46 |

3.6   Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned In lakhs	Received
Major projects	3-5	UGC, DST, CSIR,ICSSR, DBT, etc.,	870	870
Minor Projects	1-3	UGC, DST, CSIR,ICSSR, DBT, etc.,	12	12
Interdisciplinary Projects	3-5	DRDO,ISSRO, BARC, TEQIP, DST	432	391
Industry sponsored	0.5-2	RINL, NSTL, VUDA, VPT, Pharma Industries	475	475
Students research projects *(other than compulsory by the University)*	0.6-1	UGC, DST, CSIR, AICTE, TEQIP	28	28
Total			1817	1776

3.7   No. of books published

   i) With ISBN No. | 33 | Chapters in Edited Books | 11 |

   ii) Without ISBN No. | 15 |

3.8   No. of University departments receiving funds from

UGC-SAP | 13 | CAS | 4 | DST-FIST | 4 |

DBT Scheme/funds | 1 |

3.9   For colleges   Autonomy | 1 | CPE | | DBT Star Scheme | 1 |

                  INSPIRE | 1 | CE | 1 | Any Other (TEQIP) | 1 |

3.10   Revenue generated through consultancy | 4.75 cores |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University
Number	6	55	6	8
Sponsoring agencies	UGC, DST, CSIR,ICSSR, DBT, TEQIP, RINL, Industries	UGC, DST, CSIR,ICSSR, DBT, TEQIP, RINL, Industries	APCHE, APCOST, NABARD, Local industries	Andhra University, Local Bodies

3.12 No. of faculty served as experts, chairpersons or resource perso 110

3.13 No. of collaborations   International 21   Nationa 53

3.14 No. of linkages created during this year   3

3.15 Total budget for research for current year in lakhs :

From Funding agency 1490   From Management of University/College   311

Total 1801

3.16 No. of patents received this year

Type of Patent		Number
National	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
38	2	12	13	12

3.18 No. of faculty from the Institution 338
who are Ph. D. Guides
and students registered under them 1598

3.19 No. of Ph.D. awarded by faculty from the Institutio 408

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

JRF 407   SRF 132   Project Fellows 78   Any other 38

3.21 No. of students Participated in NSS events: University level 2345 State level 221
National level 39 International level 1

3.22 No. of students participated in NCC events: University level 408 State level 27
National level 4

3.23 No. of Awards won in NSS: University level 33 State level 04
National level 4

3.24 No. of Awards won in NCC: University level 5 State level
National level

3.25 No. of Extension activities organized

University forum 12 College forum 8
NCC 8 NSS 7 Any other 5

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

The following are the major activities conducted during the academic year 2014.15.

- Conduct of Inter University sports competitions
- Mass plantation programmes
- Conduct of Anti ragging campaign
- Campaign on awareness on health hazards due to smoking and drugs
- Organization of blood donation camps
- Organization of Ugadi celebrations
- International coastal cleanup day celebrations
- Observation of Gandhi jayanati
- Pollution free campaign
- Pulse polio immunization programme
- Implementation of vehicle free campus day on 28th day of every month
- Conduct of women empowerment programmes
- Observation of plastic free campusz
- Training on skill and entrepreneur development
- Participation of recovery programmes due to HudHud Cyclone
- Mega camps on environment enrichment

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	423	--	--	423
Class rooms	386	12	UGC, DST, University development fund	398
Laboratories	135	2	UGC, DST	137
Seminar Halls	94	4	UGC, DST University development fund	98
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	--	37	UGC, DST, University development fund, TEQIP	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	488	--	--

4.2 Computerization of administration and library

- All administrative processes are computerized and each department is provided with computers.

- Library is having 120 computers with internet facility.

- Separate browsing centre for international students.

- E learning recourses were created using e-journals and e-books.

- Facilities for physically challenged students in the library.

- Admission & Examination procedures are computerized.

4.3 Library services:

	Existing No.	Newly added No.	Total No.
Text Books & Reference Books	5,02,483	1644	5,05,257
e-Books & Journals	9425	270	9695
Print Journals	182	-	182

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	3612	53	2925	16	7	73	66	20
Added	501	2	300	-	-	-	-	-
Total	4113	55	3225	16	7	73	66	20

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

• Each department is provided computers with internet facilities.
• WiFi facility is provided in student hostels and certain departments.
• Training programmes are organized for faculty and students.
• MoU's are signed with APNA BOX and Google Apps.
• E-class rooms are established in some departments and colleges.

4.6 Amount spent on maintenance in lakhs :

  i) ICT   143

  ii) Campus Infrastructure and facilities   480

  iii) Equipments   432

  iv) Others   296

                          Total :   1351

Criterion – V

5. Student Support and Progression

5.1   Contribution of IQAC in enhancing awareness about Student Support Services

IQAC has coordinated with the Dean Student Affair and Director, Physical Education to prepare the academic calendar for student support system. The organized meeting with placement officers of the constituent colleges and provided guidance for conducting training programmes to the students. IQAC has also conducted a periodic meeting with officers of supporting facilities and gave suggestions for improvements. As a result of IQAC monitoring the placement officers have conducted job melas inviting prominent corporate and industries. The finishing schools were conducted in college of Engineering, College of Science and technology and department of commerce and management.

5.2   Efforts made by the institution for tracking the progression

Andhra University conduct management review meetings in which the student progression is discussed and initiatives are taken for quality education. At department level the departmental committee has a structured system for tracking and monitoring the student progression based on examination results. The Principals of the consequent colleges review the student progression with the Heads of the department.

5.3   (a) Total Number of students

UG	PG	Ph. D.	Others
3501	9310	1286	152

(b) No. of students outside the state

326

(c) No. of international students

359

(d) Men

No	%
7039	49.4

Women

No	%
7210	50.6

Demand ratio 1:13.2   Dropout 0.51 %

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

In the campus colleges coaching classes are organized for NET/SLET/GATE and other competitive examinations. The University is having a study centre for SC/ST and OBC students for giving coaching for competitive examination

No. of students beneficiaries

2631

5.5   No. of students qualified in these examinations

NET   41   SET/SLET   70   GATE   252   CAT   6

IAS/IPS etc   1   State PSC   -   UPSC   102   Others   286

5.6   Details of student counseling and career guidance

Each college is having training and placement cell to give career guidance to the students in addition to this Andhra University is having career counseling and employment bureau sponsored by state government. Each student is assigned a teacher counselor for providing career guidance and counseling

No. of students benefitted   2263

5.7   Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
42	2426	1287	1126

5.8   Details of gender sensitization programmes

Andhra University is having Dr. Durgabhai Deshmuk Centre for women studies to organize gender sensitization programmes. It has organized several women empowerment training programmes. The campaign for equality and Women rights is conducted. The following are the programmes organized:

- UGC Training Programme on Leadership and Challenges: A Gender Perspective on the occasion of 105th Birthday Celebrations of Dr. Durgabai Deshmukh at 15th July, 2014
- Book Release Programme on "Contemporary Problems of Indian Women" in collaboration with Stree Vimukti Sanghatana at 9th September, 2014
- UGC Capacity Building Programme on UN – HE for SHE Feminist Campaign, Launching of the Campaign in Andhra University at 10th December, 2014
- UGC Capacity Building Programme (SAKSHAM) for Students of A.U. Affiliated Degree Colleges at 15th December, 2014
- Health Camp on Menstrual Hygiene for Adolescent School Girls of Tribal areas (Chintapalli) at 9th February, 2015
- UGC Capacity Building Workshop on SAKSHAM and Awareness of Abhayam and I Click for the Women Students of A.U. & Affiliated Degree Colleges at 16th February, 2015

- MACC Awareness Programme for Scholars on 'Gender Issues' at 27th February, 2015
- UGC One-day Workshop on Women's Rights *for women non-teaching staff in Central Administrative Building and examination sections, A.U.* to mark the International Women's Day Celebrations on the UN theme of "Empowering Women, Empowering Humanity: Picture It" at 4th March, 2015
- International Women's Day Celebrations at 8th March, 2015
- Interaction with UNICEF Team at 13th March, 2015
- UGC Capacity Building Workshop on SAKSHAM and Awareness of Abhayam and I Click for the Students of A.U. College of Pharmaceutical Sciences at 18th March, 2015 at 11:00 a.m.
- UGC Capacity Building Workshop on SAKSHAM and Awareness of Abhayam and I Click for the Students of A.U. College of Science & Technology at 18th March, 2015 at 3:00 p.m.
- Expert Talk on Historic Principles that Have Transformed Nations by Dr. Mark A. Beliles, President, Global Transformation, Network, USA at 19th March, 2015
- UGC One-day Workshop on Legislations on Prevention and Prohibition of Sexual Harassment in the Campus 19th March, 2015
- Advisory Committee Meeting at Centre for Women's Studies, A.U. 24th March, 2015
- Medical Camp on Menstrual Hygiene for Adolescent School girls at A.U. High School on 30th March, 2015. 30th March, 2015
- One day Brainstorming Workshop to Assess the Implementation of SABLA Programme collaboration with UNICEF at Budhil Park, Visakhapatnam 27th April, 2015
- Round Table Conference on 'Liquor Policy of Andhra Pradesh and Well-Being of the People' at 29th May, 2015
- Course Coordinator for Short-term Course on Women's Studies "Safety and Security of Women" 24-06-2015 to 29-06-2015

5.9   Students Activities

5.9.1   No. of students participated in Sports, Games and other events

State/ University level | 312 | National level | 29 |

No. of students participated in cultural events

State/ University level | 428 | National level | 88 |

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level [96]   National level [16]

Cultural: State/ University level [23]   National level [12]

5.10   Scholarships and Financial Support

	Number of students	Amount (Rs. in crores)
Financial support from government	6895	13.01
Financial support from other sources	84	0.123
Number of students who received International/ National recognitions	23	0.113

5.11   Student organized / initiatives

Fairs   : State/ University level [13]   National level [1]

5.12   No. of social initiatives undertaken by the students [58]

5.13   Major grievances of students (if any) redressed: No major grievances

Criterion – VI

6. Governance, Leadership and Management

6.1   State the Vision and Mission of the institution

Vision : To Create New Frontiers of Knowledge in Quest for Development of a Humane and Just Society.

Mission: To develop a pool of Human Expertise in Science & Technology, Engineering, Social Sciences and Humanities, the basic investment for the progress of the country.

6.2   Does the Institution has a management Information System | YES |

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

6.3.1   Curriculum Development

- University Organized workshops at department level involving experts from industry/research organizations.
- The Board of studies at PG and UG levels are constituted with members from industry, expert faculty and student representatives.
- The feedback collected from students and alumni for curriculum and suggestions were placed in BOS meetings. High Priority is given for employability and value based education.
- Choice Based credit system is initiated in all departments

6.3.2   Teaching and Learning

During the academic year 2014-15 the academic schedule and teaching plans are prepared in advance and executed meticulously. The conventional as well as modern teaching methods are adopted by the faculty. The focus is more on experiential learning, participative learning and case based learning. Student seminars, assignments, projects, field work and internships are part of the curriculum in majority of the programs. The students are provided with academic guides for interaction beyond classrooms. The advanced learners and research students take partnership in research projects with the faculty members. The meritorious students are recognized and awarded special prizes. The student feedback on performance of teachers is collected and analyzed regularly and based on that measures are taken to improve quality of teaching learning process.

The Andhra University carries high reputation for its practices in teaching and learning process and in evaluation system. The following are the key factors contributing to the effectiveness of teaching-learning and evaluation.

➢ Differential approaches to support slow learners and advanced learners

➢ Effective implementation of academic schedule and teaching plans

➢ Focus on experiential learning and participative learning

➢ Involving experts from industry and other research and academic institutions

➢ Extensive use of ICT in teaching and learning beyond classrooms

➢ Prevalence of student centric learning environment

➢ Mentor and Mentee relationship

➢ Continuous evaluation process and transparency in evaluation methods

➢ Student participation in organizing academic programs

➢ Student seminars, student events and contests, student participation in national level seminars and conferences and competitions to promote creative thinking and desired competencies.

6.3.3 Examination and Evaluation

• Two midterm examinations and one Semester end examination are conducted.

• Double valuation for all PG Courses.

• Revaluation and challenge valuation are allowed.

• Photo Copy of the script is provided to the student on demand

• Publication of results within one month.

• Tatkal system for issue of certificates.

• Grievances cell for examinations.

• Online publication of results

6.3.4 Research and Development

• Creation of inter and multi disciplinary research teams.

• Organizations of conferences/seminars/workshops / training programmes.

• Sponsoring faculty for conferences /seminars/workshops.

• Establishment of research forum.

• Encouraging faculty towards getting projects.

• Publication of Five research journals.

• Establishment of department research committees and college committees.

• Inviting visiting fellows.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Well established library with more than 5 lakhs books and 182 print journals having e learning resources with 9695 eBooks and e-journals. A separate browsing centre for international students in the library is established. Library is well connected with consortium of Indian libraries inflibnet.

The University is having more than 4000 computers and 20 e-class rooms. Each department is provided with computers and network facilities. Hostels were connected with Wi-Fi facility. There are 12 computational centres.

The university is having well established classrooms, seminar halls, laboratories etc. The amenities such canteens hospitals, banks, post office, hostels, staff quarters, recreation clubs, play grounds, indoor auditorium and common halls are available. The university is having centralized analytical laboratory. Each department in College of Engineering and College of Science and Technology is having well established laboratories with modern equipment.

6.3.6 Human Resource Management

Andhra University is having structured quality improvement strategy to train the pool of human resource. It encourages its faculty to develop their teaching and research skills by attending and organizing conferences/seminars/workshops /training programmes. Andhra University has organized several training programmes for faculty and non teaching staff to improve their skills. University implemented faculty exchange programmes to provide opportunity for faculty to visit and interact with international reputed research organizations. The university recognizes the meritorious faculty and staff by distributing awards such as Prof.Sarvepalli Radhakrishna Best Academician Award, Best Researcher Award, Best Employee Award and Cash Prizes

6.3.7 Faculty and Staff recruitment\

Andhra University has implemented career advancement scheme to promote its faculty. Andhra University has recruited Assistant Professors (Contract) during this year. Andhra University also recruited Teaching Associates in some departments wherever there is a need. In addition to this there are 18 Emeritus Professors working in the University who got recognition from UGC/CSIR/DRDO/ICSSR. Andhra University also made recruitment to fill the vacancies in nonteaching positions.

6.3.8 Industry Interaction / Collaboration

Andhra University is having interaction and collaboration with reputed research organizations, industries and institutions in India and abroad. It has 74 MOUs with these organizations. Andhra University is also having several interdisciplinary and multidisciplinary projects in collaboration with other reputed organizations. Andhra University is conducting Twinning Programmes in collaboration with Foreign Universities/Institutions. Andhra University is providing consultancy services to several industries and organizations. During the academic year 2014-15 three MoU's are signed.

6.3.9 Admission of Students

The University has a well organized and transparent admission system. Admission into various courses in its constituent colleges, PG centers and affiliated colleges offering PG courses is carried out by Directorate of Admissions. All the admissions are based on merit in accordance with the rank obtained in the Common Entrance Test or marks obtained in qualifying examinations and following the rule of reservation as specified by Government of Andhra Pradesh. The entire admission process is computerized. The candidates seeking admission are required to submit applications on-line and appear for the Entrance Test conducted by the University. Based on the options given by the candidates the admission process will take place. In order to support the students in selecting the course and affiliated institutions if any, admission counseling is arranged. The University follows inclusive policy and as such all academic departments provides preadmission counseling and support for preparation for entrance tests. As a result many students belonging to S.C., S.T., B.C., Minority categories get admission into the campus. The girl students constitute more than 50% in many departments. Along with the students of the region, as per the Government rules, the University reserves 15% seats in every course to non-local candidates. International students are also given admissions in all courses.

6.4 Welfare schemes for

Teaching	• Staff Quarters are available • Fee Concession for Employee Children in Education • Free Medical facility • Group Insurance • Separate Cooperative Society • Faculty Club and Recreational Centre • Festival advances • Loans for housing, vehicle and medical • Faculty development programmes
Non Teaching	• Staff Quarters are provided • Fee Concession for Employee Children in Education • Free Medical facility

	• Group Insurance • Separate Cooperative Society • Festival advances • Loans for housing, vehicle and medical • Training programmes
Students	• Accommodation (hostel facility) • Transportation from hostels to departments for Girl students • Free medical facility • Student Insurance • Wifi Facility in the hostels • Play grounds and Gymnasium • Meditation Hall • Free Yoga Camps • Recreational Facilities • Implementation of Fee Reimbursement scheme • Assistance for getting scholarships

6.5 Total fund generated   Rs. 110.53crores

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	TUV South Asia	Yes	Andhra University
Administrative	Yes	TUV South Asia	Yes	Andhra University

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?

University is implemented Choice based credit system and conducts two midterm and one semester end examinations. For PG courses there is double valuation. The pre and post examination process is computerized. Results are announced online. Photocopy of the answer script is supplied to the student on demand. Revaluation facility is provided to the students. A separate grievances redressal cell for examinations is established.

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

Andhra University encourages its affiliated colleges to go for Autonomy based on their performance. It provides all support to get autonomous status from UGC and other statutory bodies. There are 14 Autonomous colleges associated with Andhra University.

6.11 Activities and support from the Alumni Association

Andhra University is having registered alumni association. All departments are having registered alumni associations. The following are the activities conducted by the alumni associations of the University during 2014-15.

- In the college of pharmaceutical sciences all labs are equipped with modern facilities by alumni association.
- Periodic meetings with alumni and current students are conducted.
- Visiting lectures by eminent alumni are arranged.
- Alumni are associated in designing and updating the curriculum through participation in board of studies.
- Feedback on University on academic and nonacademic activities is provided.
- Participated in community development and society welfare programmes.
- Providing scholarships/awards/prices to the desiring students
- Sponsoring the endowment lectures.

6.12 Activities and support from the Parent – Teacher Association

Andhra University is having periodic parent – teacher meetings to understand the perceptions and expectations of the parents. The parents are periodically apprised about the department activities. The feedback back from parents various academic and non academic activities are collected and analyzed. The transparency in admission, examination and evaluation processes is maintained by providing the procedures in the University website. The orientation programmes are organized in each college for which the parents are also invited. The University belies and maintains a holistic relationship teacher and parents can improve the quality of education and it adopts several initiatives in this direction. Dial your University programme is organized in the first week of every month with Vice Chancellor, Rector, Registrar and officials of the University in which the parents are interacting and getting the information regarding the University.

6.13 Development programmes for support staff

Andhra University is organizing training programmes for its supportive staff in attitude management and skill improvement. All staff associated with finance department is given training on accounting packages. Computer Training is provided for all ministerial staff. Incentives are given for best employees based on their performance. Non teaching staffs are provided fee concession to improve their educational qualifications through distance education. The following are the training programmes organized by non-teaching staff to improve their administrative skills and work behavior.

6.4	Training Programmes for the Non-Teaching Staff		
S.No.	Name of the Programmes	Dates	No. of participants
01	Training Programme on Computer Skills	09-08-2014, 16-08-2014, 23-08-2014, 30-08-2014	100
02	Professional Development Programme	18-08-2014 to 23-08-2014	30

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

The University is taking various initiatives to make the campus eco friendly. There is horticulture unit with a coordinator to plan and monitor the ecosystems of the University.

- **Energy conservation:**
  Five-day week : which is reducing usage of power, fossil fuel and pollution in the campus Encouraging using of CFL lamps Restricting in the use of air conditioning.
- **Water harvesting:**
  Construction of contour bunds in the Campus Soak pits in various departments of University constituent colleges Construction of gray water recycling units at various Hostel complexes
- **Check dam construction:**
  Check-dams were constructed in some places.
- **Efforts for Carbon neutrality:**
  Vehicle Free Campus for one day in every month to reduce burning of fossil fuels. Restriction in use of air conditioning to reduce the greenhouse gases along with Co2. Need to plant more number of plants which are mutually benefited
- **Plantation:**
  Programmes for forestation to maintain the campus green and healthy.
- **Hazardous waste management:**
  The University setup a committee to handle hazardous waste management. Effective discharge of water from laboratories. Putting of damaged glassware and chemicals in specified locations University is plastic free campus.
- **e-waste management**
  The University administration has nominated the centralized team to look after obsolete items from the University campus colleges and their proper disposal. The e-waste is disposed calling tenders from the vendors who use it for recycling. Necessary steps are taken for speedy disposal.

Criterion – VII

7. Innovations and Best Practices

7.1   During this academic year the following best practices are continued

➢   Frequent interaction with the stakeholders to make campus tension free

➢   Successfully tapping additional funds from the Alumni and ensuring proper utilization of University funds.

➢   Taking measures to achieve paperless administration

➢   Recertification of ISO 9001:2008

➢   Continuation of Market driven and innovative New courses

➢   Organizing Job Melas

➢   Provision of Health Insurance for Students

➢   Modernization of Dr.V.S. Krishna Library

➢   Introduction of innovative courses

➢   Mandated 80 hours sports for students

➢   Focus on multidisciplinary and collaborative research

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

The academic calendar, cultural calendar, sports calendars were prepared in the beginning of the year and implemented effectively. The feedback from students, employees, alumni. Parents is collected and analyzed. The faculty self evaluation reports and department evaluation reports were collected and analyzed. Two internal audits and one surveillance audit by external agency were conducted. The management review meetings were organized periodically with Vice chancellor in chair and reviewed the progress of the departments. The planning and monitoring board meeting was organized and initiatives for improvement were discussed.

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

1. Design and execution of Quality Management System in the University
2. Formation of multi-disciplinary research teams

7.4 Contribution to environmental awareness / protection

The University has organized several programmes for improving environmental awareness among students and public. The following are some of the initiatives taken by the University for Environmental Protection.

- Organized several Energy conservation initiatives such as replacing the lamps with CFL bulbs, new wiring wherever there are leaks.
- Organized programmes for energy conservation by optimal utilization of electrical equipments and amenities.
- Solar panels are arranged in some departments to get renewable/alternate energy
- Check dams are constructed in some areas to protect ground water and to improve water harvesting.
- Every month 28th day is observed as vehicle free zone to create a awareness towards environmental protection and to maintain carbon neutrality.
- Mass Plantation programmes are organized in collaboration with voluntary organizations.
- Green Audit is conducted.

7.5 Whether environmental audit was conducted? Yes [√] No [ ]

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

The University has academic and planning bodies which meet regularly and review its activities and policies. The Vice-Chancellor convenes the meeting with all the Heads of the Departments; Dean, Academic Affairs and Chairpersons, PG Boards of Studies of the Departments and reviews the academic progress every quarter and invites suggestions for further improvement of the academic environment. In addition, many eminent educationists are invited to the campus, to spend two or three weeks as Visiting Professors and offer their suggestions for academic improvement. Honorary Visiting Professors are appointed and they spend some days in the University to interact with the students and faculty. Similarly, Ambassadors of various countries and Governors of other states are also invited to address the University community. Every year, the University conducts academic and administrative audit, to identify and rectify the defects, if any, in order to meet specific goals and objectives of the University. The Principals and Deans were asked to meet quite often to prepare the academic schedule and also to improve the quality of research. The entire University is networked and each departmental head has access to the information about the entire University.

University has introduced a few self-financing courses. The purpose is not only to make available to the clients newer courses of contemporary importance, but also to generate finances

to the University. However, these courses cannot have a continuous patronage and will have to be reviewed periodically to be replaced by courses of contemporary importance.

Besides, lectures are organized in each Department by the faculty from the Psychology Department. The students are exposed to yoga classes and encouraged to participate in sports and games. In addition, lectures by eminent educationists, Philanthropists, social workers and economists are arranged to inculcate value based education. Through NSS, students are encouraged to organize blood donation camps and participate in tree plantation and AIDS awareness campaign. In the Social Work Department, the child help line is introduced and the students are trained to help the children in crisis. Two audit courses on Values and ethics, NCC, NSS and sports with two credits are made compulsory for all students in the campus.

8. Plans of institution for next year

Andhra University is tuned to adopt, to change required, to be implemented from time to time to perceive the goals and fulfill the objectives. The following are the future plans and initiatives of the University not just to maintain and sustain the existing status but to ensure continuous improvement of the University to stand on par with any other higher education institution in the country.

- Fostering global competency among students through increasing collaboration with international reputed organization and introducing more twining programmes.
- Centralized computational laboratories are to be modernized with latest software.
- Departmental libraries are to be strengthened.
- Value based education system is reviewed and promoted further.

The University always strive to focus the great motto extracted from Upanishads THEJAVINAVADHITAMASTU which means May the Divine light illumine our studies.

Name _PROF GMJ RAJU_   Name _PROF GSN RAJU_

Signature of the Coordinator, IQAC   Signature of the Chairperson, IQAC

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