

INTERNAL QUALITY ASSURANCE CELL (IQAC)
Dr.V.S.KRISHNA GOVT. COLLEGE
Visakhapatnam - 530013

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR): 2009- 2010

Part A

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.

The college plan of action has been prepared for execution during the academic year 2009 -2010.

- To undertake minor civil works and repairs in the college in order to improve the infrastructural facilities.
- To provide clean drinking water to students and staff and running water to all the science departments in the college.
- To attend to basic needs of the students and improve the toilet facilities in the college.
- To prepare the college for NAAC Reaccreditation.
- To conduct seminars and workshops in the college and encourage active participation of students and staff.
- To provide all the necessary infrastructural facilities to the four PG Departments.

Outcome achieved by the end of the academic year 2009 – 2010:

Following are the important outcomes of the goals and targets set by IQAC.

1. A number of repairs, constructions and building modifications were noticed in the college buildings, which needed immediate attention. Therefore, a number of minor civil works were taken up with the approval of the CPDC and Staff Council.
2. Two municipal drinking water tap connections were provided to the college to meet the needs of the students. Necessary water storage tanks were constructed and motor pumps were attached to lift the drinking water to overhead tanks. PG Departments of Chemistry, Botany & Biotechnology were provided with drinking water pipelines as well as bore well water pipelines.

Two water coolers with attachment of aqua guard units were set up in the first and second floors to meet the drinking water needs of degree and PG students.

3. Separate toilet complexes were provided for boys and girls and the necessary repairs were completed.
4. As the institution is completing five years of post NAAC Assessment, there is every need to prepare for reaccreditation. Therefore periodical meetings were conducted for both teaching and non-teaching staff to appraise them of the preparation for reaccreditation by NAAC as per the revised guidelines.
5. A one day workshop was conducted by District Resource Centre for contract and guest lecturers of two districts.

A two day workshop was conducted by the Dept. of Microbiology.

A two – day International symposium was conducted by PG Dept. of Biotechnology.

6. The PG Departments of Chemistry, Botany & Biotechnology became full-fledged with electrification work getting completed in all the laboratories.

A Bioinformatics Lab with 6 systems and a Tissue Culture Lab were established in PG Dept. of Biotechnology.

Part B

(1) Activities reflecting the goals and objectives of the institution :

- i. The JKC conducted a mega job mela on 31st January 2010 in which nearly 1200 students from six districts of coastal Andhra Pradesh and 16 recruiting agencies participated. Hon'ble Union Minister of State for Human Resource Development Smt.D. Purandeswari inaugurated the job mela and addressed the students to explore all the opportunities that are made available through JKC. About 128 students were given placement orders on the same day and another 246 students were short listed for next phase of selection.
- ii. The JKC organized a one-day workshop for all the Principals and JKC Coordinators in Visakhapatnam District in July 2009.

(2) New Academic programmes initiated (UG and PG) :

No new academic programmes were initiated in UG or PG during 2009 -2010.

(3) Innovations in curricular design and transaction:

Curriculum changes were made by Andhra University in Biotechnology, Biochemistry and Microbiology.

(4) Inter – disciplinary programmes started :

No new inter-disciplinary programmes were started.

(5) Examination reforms implemented :

The entire annual examination schedule is controlled and conducted by Andhra University. No new reforms were initiated and the existing scheme of examinations is being continued.

(6) Candidates qualified : NET / SLET / GATE etc.

Nil

(7) Initiative towards faculty development programme :

The faculty are encouraged to apply for UGC Minor Research Projects and to participate in National and International Seminars.

(8) Total number of seminars / workshops conducted :

Three seminars and Four workshops were conducted during 2009 – 2010.

- Seminar on “The importance of wet lands and an exhibition on the biodiversity of mangrove forests” was conducted on 2nd February 2010. Prof. M. Uma Maheswara Rao, Retd. Professor of Botany, Andhra University explained the importance of mangrove forests in acting as barriers for cyclones.
- The Dept. of Chemistry has organized a Regional Level Seminar on “Modern Aspects of Chemistry” on 28.01.2010. Professors from Andhra University and lecturers from the districts of Srikakulam, Vizianagaram and Visakhapatnam attended the seminar.
- The PG Dept. of Biotechnology organized a two-day International Symposium on “**Current Approaches in Bioresource Management**” on 08.03.2010 & 09.03.2010. Prof. Jun Wu, Senior Scientist and Director of Oceanography from Beijing University, China. Prof Ziang Chiang, Senior Scientist in National Institute of Chemical Sciences, Beijing University, China have delivered the keynote address and special lectures respectively. Many professors from Andhra University, Lecturers in Biotechnology and PG students participated in the symposium.
- A workshop on “Teaching Methodologies towards Quality Improvement” was held on 09.10.2009 in the college by the District Resource Centre (DRC). 110 contract and guest faculty from 15 member colleges of DRC, Visakhapatnam & Vizianagaram Districts participated.

- A two-day workshop on “**Shelf – Life, Emerging Trends in Nutrition & Food Microbiology**” was conducted by the Dept. of Microbiology on 31.01.2010 & 01.02.2010. 160 students and 35 lecturers from different colleges participated. Hon’ble Union Minister of State for Human Resource Development Smt.D. Purandeswari inaugurated the workshop and appreciated the efforts made by the college to create awareness among the youth on nutrition and good health. Dr. N.Sudarshan Rao, Senior Scientist from National Institute of Nutrition, Hyderabad delivered the keynote address. An exhibition with 15 stalls was arranged in which the students of the college as well as government agencies, self help groups and Girijan Corporation displayed their exhibits. The importance of organic farming and food grown without fertilizers or pesticides is stressed for better nutrition.
- A three-day workshop on “**Climate Change**” jointly organized by Haritha Krishna Eco Club and NSS with the assistance of Deccan Development Society was held on 04.02.2010 to 06.02.2010. Prof. S.V. Kumar, Senior Surgeon of Andhra Medical College, delivered a lecture on Cancer diseases and the present methods of treatment. An awareness programme on “Solid Waste management” and “Reducing the use of plastics” was conducted for the contingent staff of the college.

(9) Research projects

(a) Newly implemented:

Dr.B.Seetha Lakshmi, Reader in Botany is actively engaged in a Research project entitled “Bio-preservatives and Bio-pesticides of cereal crops isolated from Angiospermic plants” during 2009 - 2010.

(b) Completed : Nil

(10) Patents generated, if any : Nil

(11) New collaborative research programmes : Nil

(12) Research grants received from various agencies :

Grants are received from the UGC for three Minor Research Projects. UGC has sanctioned Rs.27,21,020/- out of which Rs.3,07,200/- have been spent during the year 2009 – 2010.

(13) Details of Research scholars: Nil

(14) Citation index of faculty members and impact factor :

- Dr. M. Ramalinga Swamy, Reader in Telugu published a book ‘Maharshi Valmiki’ in the year 2009.
- Dr. M. Ramalinga Swamy, Reader in Telugu published a book ‘Jai Basaveswara’ and a social playlet Trishulam in the year 2010.
- Dr.T.S.Ramanujam, Reader in Sanskrit, published a book ‘Bharatamlo Rushulu’ in the year 2010.

(15) Honors / Awards to the faculty :

- Dr.K.G.Venu, Lecturer in Chemistry received Sri Sri Award for Poetry in 2009.
- Dr.P.Venkata Rao, Lecturer in Politics received District NSS Best P.O. Award in 2009 and State Best Teacher Award in 2010.
- Dr.B.Seetha Lakshmi, Lecturer in Botany received State Best Teacher Award in 2010.

(16) Internal resources generated: Nil

(17) Details of departments getting SAP, COSIST (ASSIST) / DST, FIST etc, assistance / recognition : Nil

(18) Community services:

- Anti-Leprosy Day was conducted on 30th January, 2009 in the college, Dr.Sarojini, District Medical & Health Officer attended as Chief Guest.
- In the year 2009 – 2010, a mega blood donation camp was conducted in September in the college campus. 64 student volunteers donated blood to KGH Blood Bank and Rotary Blood Bank.
- The institution received appreciation from the District Collector for large scale participation in the ‘Queen’s Baton Rally’ held in Visakhapatnam on 16.08.2010 in connection with Common Wealth Games.
- The “Healthy Youth Healthy Nation” Campaign taken up by the Department of Microbiology during 2009 -2010, where the students of IIIrd year Microbiology visited the nearby communities to sensitize the people about health care with regards to balanced diet and Importance of protected water. Involved the local self help groups and women groups to understand the value of food and Nutrition.

(19) Teachers and officers newly recruited:

11 Lectures joined this college on transfer and three lecturers got transferred to other colleges. Guest faculty were recruited in Computer Science and Microbiology.

(20) Teaching – Non-teaching staff ratio : 3:1

(21) Improvements in the library services :

This year the library is enriched with addition of 300 latest reference and textbooks.

(22) New books / journals subscribed and their value :

Amount Spent in 2009 – 2010 for the subscription of journals and periodicals -
Rs.27,934/-

(23) Courses in which student assessment of teachers is introduced and the action taken on student feedback:

This is introduced for PG courses, mainly to recruit talented fresh postgraduates to teach PG classes. The feedback obtained from students is used to rectify the deficiencies of PG faculty and in some instances to replace them with better faculty.

(24) Unit cost of education : Rs.18,058/-

(25) Computerization of administration and the process of admissions and examination results, issue of certificates:

The office is equipped with three computers to store data relating to students nominal rolls, their scholarship particulars, social status and other details. Admissions are done through merit cum reservation policy which is computerized.

(26) Increase in the infrastructural facilities

- A Women's Hostel with 15 rooms was constructed to accommodate 50 girl students utilizing UGC X Plan and XI Plan developmental grants of Rs.60.00 Lakhs during 2009 – 2010. At present 15 PG girl students occupied the hostel (2009-10)
- Providing the necessary infrastructure for PG courses in the second floor with an expenditure of Rs.75.00 lakhs during 2009 – 2010.

(27) Technology upgradation

Computer systems in JKC and ELL are having latest configurations Windows XP.,

(28) Computer and internet access and training to teachers and students

Training is provided to teachers on various aspects of computers and limited access is provided to students for browsing on the internet.

(29) Financial aid to students

Scholarships are being released by the concerned Government agencies to the SC, ST, BC and Economically Backward Students (EBC).

(30) Activities and support from the Alumni Association

The Alumni of the college is spreading the good will of the college among the public besides extending financial support in small amounts for literary and cultural activities.

(31) Activities and support from the Parent – Teacher Association

As most of the parents are either illiterate or poorly literate their direct contribution to the college development is negligible. However, they are cooperating with the college management for allowing their children to participate in NSS camps, NCC parades and cultural activities beyond the college working hours.

(32) Health services

No specific monitoring and support is given to students regarding their general health. However, the Department of Microbiology conducts blood group identification and Haemoglobin estimation programmes at the time of blood donation camps which helps the students, especially girls to know whether they are healthy or anaemic.

(33) Performance in sports activities

The list of outstanding sports persons of the college is shown in the following table:

P.Naidu G.Mutyalu D.V.N.Murthy K.Sanyasi naidu	Ball badminton	Inter university
A.Vijay	Best Physique	1 st Place in State
N.Mahesh	Boxing	3 rd Place Intercollegiate Central Zone
L.Purnachandra	Cricket	District
P.Venkatesh	Cycling	Inter University
K.Ganesh Mohan	Judo	Inter University and State
P.Lakshmana Kumar	Swimming	State
G.Ramana Babu Ch.Prasad Rao	Volley ball	Inter University and State Inter University

(34) Incentives to outstanding sportspersons

The expenditure for their participation in various sports events is borne by the institution.

(35) Student achievements and awards

- Mr. Sk. Ishek, I B.Com., and Mr. K.Durgesh, I B.A. participated in Republic Day Parade at New Delhi on 26th Jan 2009.
- Ms. I.N.Santhoshi, I B.A.,(Air Wing) participated in Republic Day Parade at New Delhi on 26th Jan 2010.

- Mr.A.G.S.Bhanu, III B.Sc, attended Trekking Camp at Simla, Himachal Pradesh from 17th June to 1st July 2009.
- Mr.B.Ramarao, III B.A student of 2009-2010 received District Level First prize in Elocution in connection with Consumers Day celebrations.

(36) Activities of the Guidance and Counselling unit

The career guidance and counseling unit is helping the students to know the employment opportunities such as BPOs, software trainees, clerks and sales officers in various IT and other corporate companies. This cell is functioning in close coordination with JKC.

(37) Placement services provided to students

A total number of 207 students of our college were trained in JKC of which 90 were selected for jobs in various firms.

(38) Development programmes for non – teaching staff

The non-teaching staff receive training in latest office management practices through the training programmes conducted by the Commissionerate of Collegiate Education.

(39) Healthy practices of the institution

- Empowerment of students through add-on courses and JKC.
- Attending to the financial needs of the socially and economically backward students through NGOs and public sector undertakings.
- Incorporating e-learning methods in the regular classroom teaching such as - use of educational CDs, internet, power point presentations and conduct of on-line examinations.

(40) Linkages developed with National / International / Academic / Research bodies

The college is having linkages with National Level Research Institutions such as Central Institute of Fisheries Technology (CIFT), Central Marine Fisheries Research Institute (CMFRI), National Institute of Nutrition (NIN), Centre for Cellular and Molecular Biology (CCMB), Osmania Institute Centre for International Programmes (OICIP), Environment Protection Training and Research Institute (EPTRI) and Deccan Development Society (DDS).

(41) Any other relevant information the institution wishes to add:

The institution strives to improve the academic ambiance by focusing on the following three aspects.

1. Use of appropriate teaching – learning - evaluation methods.
2. Care to improve the infrastructure in tune with increasing needs of the students.
3. Motivation of both teachers and students by exposing them to various activities.

Part C

Detailed plans of the institution for the next year.

Name & Signature of the Coordinator, IQAC Name & Signature of the Chairperson, IQAC