

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF IQAC

Name of the Institution: Ranchi College, Ranchi

Year of Report : 2011-12

Part A. What is the plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and what is the outcome by the end of the year?

Action Plan: Received CPE

❖ **Academic Improvement**

Redesigning Curriculum.

Development strategies with CPE funds

Introduction of the semester system in both the B.Sc. and M.Sc. courses

❖ **Evaluation Reforms**

Strengthening of evaluation system

❖ **Faculty Improvement**

Emphasis on Faculty Improvement Programmes

Encouraging to take up research projects for the development of both the faculty and students

❖ **Technological Reforms**

Introduction and implementation of Modern Teaching aids such as smart boards, multimedia projectors, laptops for upgrading the classrooms.

Upgrading laboratory facilities through modern technology and equipments

Introduction of close circuit cameras in classrooms and examination halls.

A cannon copier machine purchased for preparing admit cards, marksheets and certificates.

❖ **Library Improvement**

Upgradation of library facilities

Creating library database

Implementation of inflienet

Rupees seven lakhs fifty thousand spent for purchasing books and journals.

❖ **Research Facilities**

Inculcating and facilitating research temperament among the teachers and students.

Developing research facilities in the different departments.

❖ **Alumni Association**

Efforts to strengthen ties between the passed out students and the *alma-mater*.

❖ **Infrastructural Development**

Renovation of class rooms and laboratory facilities

Office Automation

Extension of Canteen and Toilet Facilities

Improving upon existing facilities

Upgradation of furnitures and fixtures

❖ **Outreach programs**

Encouragement to join NSS and NCC

❖ **Students Welfare and Facilities**

To provide opportunities for on-job training and develop entrepreneurship among the students

To develop Leadership Qualities among students through various programs.

❖ **Skill improvement programmes for Non-Teaching Staff**

Training of office staff to acclimatize with the new automation system.

Outcome:

Semester system strengthened in all courses

Five new vocational courses started

One Honda generator installed for office use.

The central Jacob Hall renovated for meetings.

A Public Address system and a movable system introduced.

Six invertors installed for electricity backup.

A total of 38 lakh rupees spent for upgrading the different laboratories, office, computer facilities, library and office automation..

Campus networking consolidate.

A further 12 lakhs spent for strengthening the departments.

Revamping of the examination department and the examination process

Introduction of a new software **EDUSOL** to cover admission, examination, office and library systems

Improved canteen facilities and toilet facilities

Reconstruction of Counseling and Placement Cell, IAS Study Circle, Co-curricular Activity Cell, womens cell, administration cell.

Student Welfare/Assistance Scheme started.

Procured a number of high quality research equipments for different departments.

For better internet connectivity lease line from BSNL was procured and made Operational

Online publication of developments , notices and results.

Part B

1. Activities reflecting the goals and objectives of the institution:

Activities

- Renovation of laboratories with modern equipments in the department of Zoology, Physics, Chemistry, Geography and Mathematics through CPE non-recurring Grants..
- Starting language lab in the Department of English and Hindi
- The college made wi-fi for the benefit of teachers and students.
- Internet connection to all the Departments
- Office automation started
- Measures aimed at academic development of the members of faculty and facilitating research activities are taken.
- Arranging remedial classes/tutorials for academically weak students.
- Organizing workshops, Seminars, Industrial visits, Guest Lectures and Industry-Academia Association development programmes.
- Student-Teacher-Parent interaction towards promoting and assisting in Industrial visits, Summer/On-Job Training and Job placements
- Teacher evaluation by students repeated
- Promotion towards participation in on-campus and off-campus co-curricular and extra-curricular activities both at state and National level
- Encouragement to join NCC and participate in the activities organized by NSS.
- Development of the Board of management, Academic council and Finance Committee in order to evaluate the courses started, proposed budget and others.

A. TEACHER'S PARTICIPATION IN INTERNATIONAL SEMINARS/ WORKSHOPS/ CONFERENCES/ SYMPOSIA:

Dr. Shalini Lal, Dr. Grace Lakra, Dr. Bushra Raza, Dr. N. Lal and Dr. I.P. Gupta attended the International Conference on anthropogenic impact on environment and conservation strategy, St. Xaviers College, 2012.

B. TEACHERS PARTICIPATION IN NATIONAL SEMINARS/ WORKSHOPS/ CONFERENCES/ SYMPOSIA:

Dr. R. Nand 2012: UGC sponsored National Seminar on Women Empowerment for social justice.

Dr. G. Baskey, Dr. S. Ghosh and Dr. Anurag Tripathi attended the annual conference of the Indian Science Academy.

Dr. A. Choudhary attended the Indian Science Congress

Dr. Vidyan Kumari attended the National conference on Global warming.

Dr. Rashmi Mishra attended the National Seminar on Biodiversity conservation.

Dr. Sudha Sinha attended the national seminar in Political science: 25-26, 2012

C. PUBLICATION OF BOOKS/ CHAPTERS:

Dr. V.V.N. Pandey – Hindi Literature.

D. PUBLICATION OF PAPERS/ARTICLES IN INTERNATIONAL/ NATIONAL JOURNALS/NEWS PAPERS:

1. Anil Kumar 2011: Prehistoric Jharkhand: stone instruments and the areas of their procurement. Anusandhanika, vol IX (1): 64-67.
2. Khushid Akhtar 2011: Synthesis and characterization of some complexes of potassium ion with 2,3,11,12 dibenzo- 1,4,7,10,13,16 – hexaoxycyclooctadeca-2,11- diene. Journal research Chem. 13,371.
3. K.Akhtar, R.Ranjan and M.Alam, 2012: oxidative degradation and associated complexation of ethylacetoacetate by Cr (VI) based oxidants. Asian J. Res. Chem., 5(2): 191-192.
4. R.Ranjan and R. Sinha, 2012: synthesis and characterization of some complexation of potassium (I) with 1,4,7,10,13,16- hexaoxycyclooctadecane. Journal research Chem.5(4):547-551.
5. B.Baraik and S. Lal 2012: development of rapid clonal propagation method in rauwolfia serpentine(L) Benth.ex kurz.

E. TEACHERS AS RESOURCE PERSON:

Dr. B. Mukherjee acted as a resource person in the Academic staff college in Zoology.

F. RESEARCH SUPERVISION:

Dr. B. Mukherjee Dr. B. Raza
 Dr. S.Besra Dr. A. Tripathi
 Dr. G. lakra

G. PARTICIPATION IN REFRESHER/ORIENTATION COURSE:

Dr. R.Ranjan UGC-ASC, RU, Ranchi 2012
 Dr. A.Tripathi

H. TEACHERS AWARDED

2. New academic programmes initiated (UG & PG): 5 new courses and a special paper were started with grants obtained from UGC

1. M.Sc. Environmental Sciences
2. B.Sc. Electronics
3. Diploma course in GIS
4. Diploma course in Amanat Survey
5. Diploma course in Tribal Management
6. Special paper in cytology and molecular genetics: in zoology M.Sc.

3. Innovations in curricular design and transaction:

All the department designed their curriculum covering local and global demands in the subject and introducing innovative courses and designs for the benefit of the students.

4. Inter-disciplinary programs started: None

5. Examination reforms implemented:

- (i) A registered candidate has to clear all the papers within the period of five years. However, an extension for two years is granted after renewal of the registration.
- (ii) A student having less than 60% of attendance shall not be promoted to next higher semester irrespective of the number of carry papers he/she has.
- (iii) Details worked out regarding marks distribution both internal and end sem and financial aspects of the system.

6. Number of candidates qualified: NET/SLET: Three

7. Total number of seminars/workshops conducted: 2

- 1. National Seminar in Hindi
- 2. National Seminar in History

8. Research projects:

Two Major projects
Five Minor projects

9. Patents generated, if any

None

10. New collaborative research programmes:

None

11. Total research grants received from various agencies

Rs 10 lakhs

12. Number of research scholars: 6

13. Citation index of faculty members and impact factor:

Not available.

14. Honours/Awards to the faculty:

Bihar Urdu Academy award to Dr. Hassan Mosanna dept. of Urdu.

15. Internal resources generated: through the various self-financing and vocational courses

16. Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/recognition

None

17. Community services:

Students of environmental Science gave environmental Education to the local people near Ranchi lake.

18. Number of teachers and officers newly recruited: None

19. Teaching – Non Teaching staff ratio: 1:1

20. Improvement in the library services:

New Books and Journals have been added.
Software introduced for creating database.

21. Number of new books/journals subscribed and their value:

22. Number of courses for which student assessment of teachers is introduced and the action taken on student feedback:

Internal Assessment of teachers by students is done every year for all the department.

23. Unit cost of education : Rs.3700

24. Computerization of administration and the process of admissions and examination results, issue of certificates

Administrative work is fully computerized. Networking is already done. Admission and Examination results are computerized. Computerization of Library is in the final stage. We are setting up programs so that forms can be filled online.

25. Increase in the infrastructural facilities

The infrastructure and learning resources have been upgraded, with qualitative improvement in facilities provided to the students and quantitative increase in resources already

26. Technology up gradation:

We are in the process of continuously upgrading the existing facilities and procuring new technological gadgets for the benefit of students, teachers and office staff.

27. Computer and internet access and training to teachers and students:

All the departments are facilitated with desktops/laptops and Internet connection for the smooth functioning of the department.

28. Financial aid to students:

The state Government provides scholarship to the BPL/SC/ST students while concessions are provided by the college in college and examination fees.

29. Activities and support from Alumni Association

Plantation drive was organized in the College Campus.

30. Activities and support from the Parent – Teacher Association

There is no Parent-Teacher Association in the college. Involvement from the parents is sought for Placements/summer camps/Industrial visits etc.

31. Health services :

One doctor visits the college clinic to provide medical service to students and teachers. One Compounder is there to assist the doctor.

32. Performance in sports activities

Kabaddi tournament was organized by Marwari College, Ranchi on September 28,

2010. Ranchi College, played final thematch against St. Xavier's College, Ranchi Ranchi and won.

Selection for Badminton and Basket Ball Team of Ranchi University:

33.Incentives to outstanding sportspersons :

Leave is granted to sportspersons while practicing and playing matches for the college. Winners arehonoured with medals during the College Day celebrations. Those students whose performance is exceptionally good are granted free-ship. In Sports Quota for Admission priority isgiven to the outstanding sports persons.

34.Students achievements and awards

Many Prizes and medals are given to students for outstanding performance in academics.

35. Activities of the Guidance and Counselling unit

There is a counseling cell providing career counseling. Individual departments have their own guidance and counseling units to help the students.

36.Placement services provided to students:

In the year 2012 , 15 students of our college were selected in various companies.

37.Development program for non-teaching staff :

We try to provide basic computer training to office staff so that they may acclimatize to the new working condition as and when needed.

38.Any other relevant information the institution wishes to add:

Part C: Explain the plans of the institution for the next year

Revamping laboratory facilities and the examination cell

Starting new PG courses in some of the faculty of Art and Sciences

Further strengthening of Laboratories/ Class rooms/ Departments to encourage and facilitate adaptation of more techno savvy methods of teaching and learning.

Name & Signature
Co-ordinator IQAC

Name & Signature
Chairperson IQAC