



*ANNUAL QUALITY ASSURANCE REPORT
(AQAR) 2012-13*

**Bijoy Krishna Girls' College, Howrah
5/3 M.G. Road, Howrah 711101
West Bengal**

AQAR 2012-13

A higher education institute should ensure quality education. The quality is mostly related to quality teaching rather than details of infrastructure. IQAC of this institute is now emphasize on further improvement of teachers and teaching quality. The College is imparting women education in Howrah Dist and its neighborhood. over six decades. In regard of women education society bears a high moral and expectation over this institute. The institute receives a sizeable no of first generation students. In order fulfill the social demand the functioning of the institute become more challenging. We are trying our best to impart education with high moral value. Programs are undertaken to enlighten our students by awareness on the mentioned issues, so that they can fight out their own cases in hour of need and we also attempt to generate social, economic and political awareness among the students to fulfill our commitment.

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved at the end of the year. This year is very significant for the institute since our detail action plan on ensure teaching quality and implementation of CPE programs which have approved by UGC, New Delhi.

Note-The IQAC was formed officially on 9.11.05.This year

1. Prof. Reena Sengupta ,chairperson, Teacher-in-Charge -chairperson
2. ,Prof. Papiya Gosh ,Coordinator IQAC
- 3.Senior Administrative Officers
 - i. Prof. Partha Ghosh, in-charge of Academic affairs
 - ii. Prof. Kausik Bandopadhyay, ,in-charge of examination
 - iii. Prof. Rina Das,in-charge of student welfare
 - iv. Prof, Alope Kumar Sarkar, in-charge of planning and development
 - v. Prof. Ranen Bhattacharyya,in charge of Computer Centre
 - vi. Sri Sunil Sen,Head Clerk and in-charge of office Matters
 - vii. Sri.Birendra Kumar Singh,Caretaker and in-charge of estate

4. Teacher Representatives-

- i.Prof. Somen De
- ii.Prof. Bidyadhar Mondal
- iii.Prof Sarbani Guha Ghosal
- iv.Prof.Soma Chandra
- v.Prof Sweta Guha
- vi.Prof. Ranjana Sarkar
- vii.Prof.Amit Majumder

viii.Prof. Radha Ghosh
ix) Prof Rituparna Basu

5.Members from the Management

Sri. Arup Roy jee,President,Governing Body and H'onble Minister, Govt. of West Bengal.

Main targets for this year

- 1.Improvement of teaching and learning quality by introducing Modern model lecture program
2. Advancement of academic seminars and workshops
3. Completion of Girl's hostel(under construction) as early as possible
- 3.Arranging workshops for career advancement.
4. Implementation of elevated academic programs with in CPE action plans in the frame –work of academic consortium.
5. Promotion of research and consortium activity among faculty members as a part of CPE activity
6. Continuation of Innovative teaching program
8. Students Seminar
9. . Introduction of Soft Skill
10. Revival of the NSS & NCC unit of our College.
- 11.Encouraging faculty members in participation in seminars and in active research.
- 12..Intraduction of program monitoring Cell.
13. Improvement in functioning of guidance and counseling cell for betterment of students

Outcome achieved in 2012-13

We could achieve a few of our cherished goal in the form of

1. Preparation of efficient academic calendar in tune with the norms set up by the University of Calcutta.
2. Research promotion through UGC CPE programme has been functional.
3. More Internet facilities for the students in College library are provided.
4. Partial success in implementation of Community Awareness program on Women Empowerment, Health, Indian constitution, rights & duties of Indian Citizen, Environment Value education and Adult Literacy.
5. Consortium for studies of complex natural material- and studies on natural resources -a faculty research program became operational and provides good output.
- 6.Generation employment through nine UGC sponsored career oriented courses is of partial success.
7. Good placement of students to different schools from our B.K.Girls' College Academy of Competitive Examination.
8. Completion of the construction of super structure upto 2nd store level of Girls' hostel.
- 9.Organization of academic & community awareness seminars

10. Second phase of computerization of office has been completed
11 Science Hons Labs has been modernized by the use of BSR grants.

13. We have promptly started the programmes under CPE action plan and also the renovation and modernization of science labs (Zoology, Botany, Chemistry and Physics) are in progress and successful implementation continued.

14. Upgradation of the computer labs of different science Departments has also been undertaken.

PART-B

1. Activities reflecting the goals and objectives of the institution

It is one of the large Girls' College in India, the college is dedicated to the task of imparting education to the girls which will help them in finding their foothold in the recent competitive globalised world. With this objective in mind we continue our career oriented UGC add-on courses successfully beside normal UG courses where student from any stream can come and join helping them to combat the increase demand of the job market .The college has undertaken a plethora of other activities for betterment of our girls' students which will come up in course of our discussion to highlight and implement our declared goal "emancipation of woman".

2. New academic programmes initiated (UG and PG)

1. U.G.- P.G interface Course Continuation
2. Consortium for language, literature, history & culture studies
3. Consortium for studies on Social Sciences in the perspective of higher education.
4. Student project
5. Introduction of functional English for students.

3. Innovations in curricular design and transaction

As an affiliated college as stated several times we do not have any scope in designing the normal UG curricula and syllabus as well. But some of our faculty members, a member of Under Graduate Council of the University of Calcutta can give their active suggestions in syllabus modification. Not only that whenever the University arrange any workshops where the faculties could participate, they always share their opinion regarding syllabus modification. In the existing set we are trying to implement the following curricular design

1. Teaching improvement program

2. Model lecture program

3. Innovative teaching program

4. Students Seminar

5. Introduction of Soft Skill

Apart from these conventional courses, commendable innovation had been demonstrated in framing the syllabus and curriculum of the UGC sponsored carrier orientated first degree courses. The courses are:

Arts and Social science : 1.Guidance and Counselling
2.Travel and Tourism
3.Nutrition
4.Functional English course has started from 2011-12 session

Commerce : 1.E-commerce
2.Foreign exchange trade
3.Insurance

Science : 1.Computer application (data care management)
2.Industrial microbiology
3.Hospital waste disposal management.

4.Inter-disciplinary programmes started

Nine career oriented courses mentioned above are basically inter disciplinary in nature as a student pursuing degree course in humanities stream can opt for Industrial Microbiology as a parallel certificate course according to her own choice. The College is also thinking to open UG-PG Bridge course in certain subjects soon. We are proud to report that this year after achieving the CPE status our

Physics department has started the UG-PG interface course for 3 month and successfully completed that.

5.Examination reform implemented

Since college is under C.U., this kind of implementation is impossible. Still following policies are implemented for the betterment of students.

a. model class tests b. sessional tutorial classes c. remedial classes for SC,ST and minorities.

6(a). No. IQAC meeting held during the year : 04

6(b). No earlier NAAC recommendation fulfilled: 01 and rest are in progress

7.Initiative towards faculty development programmes:

For upgradation of teaching standard, faculty development programmes are always encouraged.

Faculties receiving Ph.D. or other relevant degree or registered for the same : NA

Refresher/Orientation:

Name of Faculty	Date	University
Nandita Palit, Physics	Orientation Course, Mar 2013	ASC, University of Calcutta

Papers or posters presented by our faculties in Seminars or workshops .

Status of Conference	Place	No of Paper	Remark
International	India & aboard	07	Oral/Poster Presentation
National	Kolkata/India	14	do
State Level	Howrah/ Kolkata	18	do
Regional/ Local	Howrah	24	do

8.Total number of Seminars/Workshops conducted by the College:

Date and name or topic of seminar/workshops	Organising Department	Funding Agency/pub
1. A Foundation Course on Human Rights:	Eco,Hist, Pol.Sc &Phil	UGC Spons. & College Fund and Collection from registration fees.
2.Moot Court on Human Rights	14.03.2013	
3.One day Seminar on "Rights".	12.12.2012	.
4. One day Seminar on "Woman empowerment"	4-5 April 2013	
5. ""Socio-political thought of Swami Vivekananda"	April,2013,Collaborator: Vidyasagar Centre for Indilogy	Proc. Languages,Literature & History,2014,ISBN 978-93-82623-42-7

9. Research projects

Name of the Faculty	Department	Funding authority and amount received	Title of the project
Prof. Alope Kumar Sarkar	Physics	UGC Major Res Proj. terminated on 31 st July 2012	Int. motion in Biomolecules
Prof Rina Das	Geography	UGC minor Project, No.F.PS W-044/10-11(ERO), ongoing Rs.139000/	Water Quality Study On Rural South Bengal With Application of GIS
Prof Kalyani Sarkar	Philosophy	UGC Minor Project, No.F.phw -070/10-11(ERO), ongoing Rs.111000/	Some Social problems : Religious & ethical implications.
Prof. Karabi Mitra	History	UGC Minor	. 'Howrah from tradition to modernity: Prospects & Challenges' 2011-13

10. Patents generated, if any Nil

11. New collaborative research programmes: Nil

12. Research grants received from various agencies:

Granting authority	Title	Recipient	Amount received in 2010-2011

UGC	An investigation of optical aspect of Natural materials like Mica & Pearl	Dr. Alope Kr. Sarkar	5 lakhs UGC-CPE
	UGC Major Project 10.18,800, sanctioned during feb,2009 and ongoing	Dr. Alope Kr. Sarkar	
Do	Water Quality Study On Rural South Bengal With Application of GIS, ongoing	Prof Rina Das	

13. Details of research Scholars:

Department of Physics has the following research scholars pursuing their P.hD degree under the guidance of Dr. Alope Sarkar, Dept. of Physics

Name of fellows

Registered

1. Dr. Sourav Sundar Pradhan (Day Post Doc Scholar)
2. Aditi Sarkar (CSIR-JRF, 2010)
3. Ananya Bannerjee (UGC-JRF, 2010 in service does not opt fellowship)
4. Arup Dutta (Day Scholar).
5. Somnath Paul (Day Scholar) (to be registered)
- 6. Moumita Burman (Submitted thesis on Jan 2013)**
- 7. Partha Ghosh (Submitted thesis on Sept. 2012)**

14. Citation index of faculty members, impact factor and no of publication

Average impact Factor : 0.78

Number of research publications in International journals: 12

Number of research publications in National journals: 09

Number of research publications in National Proceeding: 17

Number of book/ book chapter published: 02

Number of research publications in local level: 12

Some of the details publication :

Prof. Karabi Mitra

1. 'Journey of a river to divinity', S.N. Arya ed., Bhakta Prasad Mazumdar Commemoration Volume, *Imaging the Past: Indian history from Harappan times to the present age*, Aakar Books, Delhi, ISBN 978-93-5002-246-7, 2013
2. 'Adimodhyoyuge Hindu Tantaranirasthan', Karabi Mitra & Rituparna Basu ed. *Proceedings of the UGC Sponsored National Seminar Perspectives on early medieval India*, 2013, pp.33-38, ISBN 978-93-82623-26-7
3. 'The living Sati: a view from Literature' *The Anthropos*, Vol.2, No.1, Jan-June 2013 ISSN:2319-278X

Dr. Alope Sarkar, Physics

1. A study on Natural Coral stone- a Fractal Solid: Arnab Gangopadhyay, Aditi Sarkar, and A. Sarkar, *Appl. Physics A (Springer)* Published online 17th Nov. 2012. DOI 10.1007/s00339-012-7422-4
2. Characterization oxide core-shell nano in Zn- Cd systems. Arnab Gangopadhyay, Aditi Sarkar, and A. Sarkar, *Advanced Materials Research* Vol. 665 (2013) pp 233-238.
3. Characterization of Gd₂O₃ nano clusters, Somnath Paul, Arnab Gangopadhyay, and A. Sarkar, *Adv. Mat. Sci. (Transtech Pub)*, *Advanced Materials Research* Vol. 665 (2013) pp 127-131.
4. Formulation of Dielectric Behaviour of Composite material, Ananya Banerjee, Aditi Sarkar, A. Sarkar, *Advanced Materials Research* Vol. 665 (2013) pp 168-171.

Prof. BIDYADHAR MANDAL

1. Synthesis of interpenetrating network hydrogel from poly(acrylic acid-co-hydroxyethyl methacrylate) and sodium alginate: Modeling and kinetics study for removal of synthetic dyes from water /98 / 257- 269/2013, co-authored
2. A systematic method of synthesizing composite superabsorbent hydrogels from crosslink copolymer for removal of textile dyes from water /19 / 1191-1203/2013 co-authored

Prof. Tridib Bhuniya

1. **A transdermal diltiazem hydrochloride device using multi-walled carbon nanotube/poly (vinyl alcohol)**, *Carbon*. 0008-6223, 2013, co-authored

2. Physical, mechanical, and transdermal diltiazem release analysis of nanosilica tailored various poly (vinyl alcohol) membranes. Journal of Applied Polymer Science. 1097-4628 130, 2076-2088, (2013)
3. . A research highlight “delivering pain killer through skin” published in Nature India. DOI. 10.1038/ninindia.2012.160;published online 29th Oct 2012

15.Honors/Awards to the faculty:

Our College Faculty as speaker or resource person (Prof. Binata Roychaudhar, Bengali) received Bengali Academy Award. 2013

16.Internal resources generated: 1.4.10 – 31.3.2011

Source of fund	Amount in Rs.	Purpose
INT. on FD Canara Bank	1,04,724/-	Nil
	nil	
SELVEL(ADVT)	1,80,00/-	
IGNOU (Extension)	nil	
NSOU (Extension)	nil	„
		Rent
CANARA BANK (Rental)	5,789/-	Rent
NESTLE		Electrical Charges
		Rent
COLLEGE XEROX Centre	10,360/-	
ICFAI EXAM	15,600/-	
C.U.EXAM Control	nil	
COMPUTER ENGINEERS	nil	
S.S.C. TRAINING CENTRE	nil	
Competitive Exam on Sunday	31,978/-	
OTHERS: int. From savings a/c	3,10,099/-	

Other funds received (2012-2013)

Source of fund	Amount received in Rs.
1.Addl. grant teaching & Learning	625,000/-

2.UGC-Grant for Seminar/Field work.	82,500/-
5. WB Govt Grant	nil
6. CSIR & others	3,58,483/-

17.Details of departments gettingSAP,COSIST(ASSIST)DST,FIST,etc.assistance/recognition:

Not applicable

18.Community services:

UGC extension activities

1. Dept . of Pol. Science conducted remedial courses for backward students.
- 2.. Another awareness programme was conducted as One day Seminar on “Woman empowerment”

19(a) Teachers and officers newly recruited: Nil

19(b). Teachers and officers retired from service: 02

1. Suparna Das, Dept. of B. Ed, 31.08.2012
2. Nabin Kumar Jana, Dept. of Mathematics, 31.03.2013

20.Teaching-nonteaching staff ratio:4:1

21.Improvements in the library service:

Modernization and further upgradation of Library services :Open shelve Bar Coded rapid serving Library along with introduction of e- Library is under progress. An improved library service is under progress using UGC-CPE grants. AC’s are being installed for better use electronic systems and preservation of books & literatures.

22. New Books & Journals introduced in Library

Stream	No of Books	Remarks
1. Humaities	402	For students’ Library
2. Commerce	44	
3. Sciences	84	For students’ Library

Name of Periodicals purchased in the Library

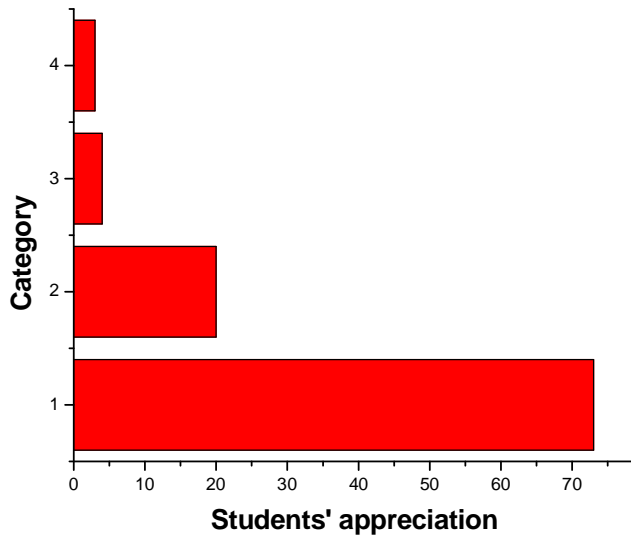
Desh
Frontline
India Today
Reader's digest
Employment News
Competition Success Review.
Academic Journal – Economic and political (weekly)

23.Course in which students assessment of teachers of teachers is introduced and the action taken on student feedback

In all Hons courses feedback from outgoing 3rd year students had been collected and reviewed.Following aspects are mainly covered during data collection in student feedback activities

- TQ** represents teaching quality
- SIN** represents sincerity
- IM APP** represents impartial approach
- PUN** represents punctuality
- OV INV** represents overall involvement

Average of over all criteria over all departments fo the college



STUDENTS' Appreciation: 41. > 85%, 32 75-85%, 3. 65-75% ,4. < 65%

24.Unit cost of education:

Rs.2462/- including the salary component

Rs.1927/-excluding college paid salary component

25.Computerisation of administration and the process of admissions and examinations results, issue of certificates

Effort has been paid to undertake all administrative works through computerized data based system. Admission selection, staff salary, financial programmes are done with the help of updated specific computer softwares. The process of examination results is also computerized using high quality softwares.

26.Increase in the infrastructural facilities:

We are also proud to declare that we are going to construct more toilets and to renovate the older for better hygienic environment. The second phase construction work of the Girls, hostel is in progress ground floor construction has been completed. .It is a G +3 construction including a cover area of 1668.10 m sq.m in which the ground floor will be utilized for general functions of the hostel and 1-3 floor will be hostel room with an accommodation of 32 students/floor. The work of the ground floor is almost finished. The construction of three additional room in the 3rd floor of G building is also completed..

27.Technology upgradation:

The **CPE & BSR grants** are being utilized ,we have already upgraded few class rooms which are equipped with LCD projectors for undertaking model ICT based teaching. Microphones are also arranged in many class rooms according to the need. Many old PC's and software are replaced updated system..

28.Computer and internet access and training to teachers and students

Departmental computer labs like, Physics, Computer Science and Research labs are now equipped with latest PC,s. Apart from that the general staff room is provided with computers with internet access. The office and library are completely computerized.

29.Financial aid to students:

Apart from scholarships for meritorious but poor students and SC/ST candidates funded by Govt.Of West Bengal the college offers full and half freeships to poor students.

No.of Students with Full freeships	-	38
„ „ „ half „	-	47

S.R.Mukhopadhyay scholarship which has been instituted by the donation of Rs.1 lakh provided by Sri. Mukhopadhyay ,an ex-teacher of this college is being provided to two student each year (Rs.250/-).

30.Support from the alumni association and its activities;

The Alumni Association,“Ujjibani” of the college regularly awarding monthly scholarship to needy but meritorious students. Another one time fellowship is given to one student of philosophy each year for merit as recommended by the department from the contribution of one of our alumni Prof. Jharna Roy

31.Support from the parent-teacher association and its activities

A central body that is Guardian-Teacher Committee is always working and they arrange the meeting timely in cooperation with the heads of different departments. Several suggestions about effective teaching-learning process , augmentation of library facilities, dearth of space came by from healthy interaction between teachers and Guardians.

32.Health services

The institute has a doctor service on emergency call. College has arranged elaborate health services for our students. We have direct contact with the Student Health Home actively maintained at Howrah Girls School. Student can seek any categories of medical assistance from state run organization at a nominal rate. Beside this college provide steady facilities of doctors or hospitalizations whenever necessary.

33.Performance in sports activities:

The College encourages all kinds of sports activities. Every year annual sports are organized regularly. This year also the sports was organized on 21st Feb,2013 at Howrah Corporation Stadium.

Sports Co-ordinators---- Prof. Rituparna Basu and Prof Ranen Bhattacharyya
Outdoor Events--- 100m.,200ms.,400ms.run, relay race, balance race, Shot put, discus throw, cricket, badminton, Long Jump etc.

Indoor Events--- Carrom

Anamika Singh, B.A. 2nd Year, placed 3rd on both (i) Long Jump (women) (ii) 800m run in W.B. Inter College Dist. Athletic Meet 2013

34.Incentives to outstanding sports persons:

Financial assistance as well as sports kits are provided to the students with high quality sports performance in state level.

35.Students achievements and awards:

Examination wise statement of the college

Stream	Appeared No	1st Class	2 nd class	pass	Qualifying %	% of success
Humanities(Hons)	366	37	324	05	100	100
Commerce (Hons)	83	27	54	02	100	100
Science (Hons)	89	21	63	05	100	100
B.A.(General)	359			334		99
B.Sc.(general)	33			29		99
B.Com(General)	38			37		97

36. Activities of the guidance and counseling cell:

As already mentioned in the previous reports the college has two kinds of counseling cells-1) Career Guidance and Counseling and
2)Psychological Counseling Cell- "Aalo"

37.Placement services provided to students

Wipro 12/09/2012 : one students were selected
5 students were selected by Max Nuyork Life Insurance company in Oct. 2012.

Placement from Academy of Competitive Examination , Bijoy Krishna Girls' College.

- (i)SECONDERY AND HIGHER SECONDERY SCHOOLS = 52
- (ii) WBCS Preli Exam = 00

38.Development programme for non-teaching staff:

Employees' co-operative society expanded to provide more financial assistance. A regular computer course is being conducted by the college after general college hours. Interested staffs of the college can join the course to develop their computer knowledge.

39.Best practices of the institution:

1. Implementation academic recommendation from academic committee.
- 2..Introduction of new innovative teching methodology for achievement of further academic excellence.
- 3. Implementation of NAAC and IQAC recommendation.**

4. Staff Development Activities / Professional Development Activities : Frequent

Programme on different categories of computer literacy for fast running of office work

5.. Transparent Student Admission Process : easy access of form from institutional website as well as other additional information regarding admission also remain available to new comers
online

6.. Introduction of more research activities for faculty upgration towards academic excellence.

7. A better teaching learning Practices: regular class test, academic counseling, guardian meet, senior students teaching juniors, student seminar in some of the departments, regular student feedback collecting practice.

8. Resource Mobilization :using college assets.

9. Student Support Services : Computer and internet access. Activities of SSC, regular campussing as well as career related seminar by guidance and counseling cell, financial assistance to economically backward students, awareness programmes to different diseases

10 Awareness program on health, Human rights and women empowerment.

40.Linkages developed with National /international academic/research bodies;:

Linkages with academic bodies:

As mentioned in the previous reports the college conduct several PG courses as well as other certificate courses and UG courses under NSOU and thus successfully running its linkage with this state run academic institution.

The college also has steady linkage with national university IGNOU also in B.Ed programme. From this year only PG diploma courses are newly included

41.Any other relevant information:

a. Welfare scheme for students

Students' safety Insurance under New India Assurance Scheme had been continuing in the successfully since 2004. Under this scheme, in case of any mishap, the immediate kin of the student will get Rs.10,000/-whereas each and every student has to pay Rs.7/annum as Insurance premium.

b. Educational tours

Department of Zoology and Department of Geography
Organize regular field tour better development of their students.

c. Departmental Journals

Few departments are running wall magazine with contributed articles from their students.

Journalism department has publish their departmental journal ‘Samakalin’ recently.

- d. **Social or community related activity of faculty members**-A n educational/ Personal Counseling center ‘ Aalo’- being conducted by Prof.Sujata Chatterjee,Head of the Dept.,Psychology of our College.

PART-C

Detail Plans of The Institution For The Next Year

Projection For the Next Year i.e. 2013-14

- 1.To undertake awareness programs on role quality & accreditation of HEI**
- 2.Undertaking of more programs on Community Awareness program on Women Empowerment, Health, Indian constitution, rights & duties of Indian Citizen, Environment Value education and Society development.
3. Students Seminar & Micro-Teaching teaching programs
- 4..Completion of Girl's hostel and other constructions as early as possible.
5. Further research programs to be undertaken to encouraging faculty members for conducting research works and innovative activities as much as possible.
5. Introduction of Soft Skill development Courses for students
6. Introduction of Programme for Data Analysis with Computer Applications for the students
7. Revival of NCC and NSS unit
- 8.. Organizing more and more Seminars and Workshops for career advancement.
7. Deployment of permanent placement officer and improvement of functioning of Guidance and Counseling Cell for betterment of student
- 8 Undertaking of more programs on Community Awareness program on Women Empowerment, Health, Indian constitution, rights & duties of Indian Citizen, Environment Value education and Adult Literacy.
9. Modernization of office facilities for better efficiency.
- 10.Upgradation of Principal's room and construction of annexed conference room are to be undertaken.
11. Special facilities for development for audio-visual impaired & physically challenged students
12. Assessment of the program and compilation as program evaluation report

DR. PAPIYA GHOSH
IQAC Co-ordinator

PROF. REENA SENGUPTA
Teacher –in- Charge