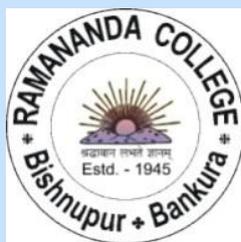


SELF STUDY REPORT
FOR
RE-ACCREDITATION [CYCLE-2]
OF
RAMANANDA COLLEGE

Established in 1945
UGC Recognized & State Government Aided Constituent College
Affiliated to the University of Burdwan
Accredited at the B++ level by NAAC in 2007



RAMANANDA COLLEGE
BISHNUPUR, BANKURA, 7221222
West Bengal
Telephone - 03244-252059
Tele Fax – (03244) 254427
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Website: www.ramanandacollege.org

SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
P.O. Box No.1075, Nagarbhavi, Bangalore- 560 072

To
The Director,
National Assessment and Accreditation Council (NAAC),
Post Box- 1075, Nagarbhavi,
Bangalore-560072, India

Sub:- Uploading of Self Study Report (SSR) 2014 of Ramananda College, Bishnupur, Bankura, Pin-722122 West Bengal, INDIA for Second Cycle Re-accreditation in our official Web-site www.ramanandacollege.org.

Sir,

In compliance with our LOI requirements we are glad to upload SSR-2014 of our College website www.ramanandacollege.org for second cycle reaccreditation.

We are looking forward your decision for the peer team inspection in our college.

Thanking You,
Yours Faithfully,

Prof. Arup Kumar Ghosh
Teacher-in-Charge

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Preface

The primary objective of establishing a centre of higher education in this backward area was to extend the scope of higher learning to the marginalized youths of this locality. For decades the people in this locality were deprived of the light of advance learning for want of a standard institution of higher education. The motto of the college "Shraddhabana Lavate Gyanam" has set the aims and objectives of the Management, teachers, learners and non-teaching staff of this institution. The foundation of this college to a great extent caters the need of the local populace. It is the only full-fledged degree college with all three major conventional streams--B.A., B.Sc. and B.Com. (Honours course in 16 subjects and General courses in 18 subjects). In addition, our college, as the only degree college in the district, offers PG course in a science subject (M.Sc.in Botany). The vision of the college is to provide best academic standards and opportunities to its students and equip them with such skills that will help them to become global citizens. The college aspires to become a centre of academic excellence and to be recognized not only in the state, but throughout the country. Our institution, since its inception in 1945, has made a steady progress on its way to accomplish this goal.

In this context, we sincerely believe that establishment of NAAC in 1994 for the all round quality development of the institutions of higher learning in our country provides an opportunity to assess our potentiality, reorganize our resources and analytically identify our strength, weakness, opportunities and challenges. Like all other higher educational institution we have also desired to reach the target of becoming assessed and consequently well accredited by the NAAC. Accredited by the NAAC at B++ level in 2007, we have ceaselessly endeavoured to implement the recommendations of the NAAC peer team, to better our position in all spheres like curricular aspects, teaching-learning and evaluation, research activities, infrastructure and learning resources, student support and progression, management and innovations and best practices. It is a great pleasure for us to present this Self Study Report for reassessment and reaccreditation of the College by the National Assessment and Accreditation Council. While presenting the SSR utmost care has been taken to elaborate our present position in a faithful and analytical manner.

This Self Study Report has been prepared according to the guidelines prescribed by NAAC through a team of faculty members of this Institute. In this regard, cooperation and assistance from all the stakeholders is gratefully acknowledged

Sincere thanks are due to Mr. Shyama Prasad Mukherjee, Hon'ble, Minister of Textile, Govt. of West Bengal and the President of governing Body, the other honourable members of Governing for their encouragement & interest for re-assessment by NAAC. Necessary support (mental and otherwise) extended by the Chairman, Bishnupur Municipality and MLA, Bishnupur Constituency is also gratefully acknowledged.

As a result of combined and continuous effort (participation) of Teaching, Non-teaching staff and members of the Students' Union we are able to prepare the SSR. Therefore, in my opinion, all the above noted members of the Ramananda College family will be best acknowledged when they will find their own college is ranked by the NAAC according to their expectations.

Now we would like to complete the assessment and accreditation process by warmly inviting the NAAC Peer Team to our College, which has grown up in the nice semi-urban setting by the side of historical Lalbandh (Waterbody excavated by the Mallaraj).

Teacher-in-Charge

ACKNOWLEDGEMENT

The Self Study Report (SSR) has been prepared by strenuous efforts of the faculty members and staff over four months after submitting Letter of Intent (LOI). Best efforts and labour have also been given to ensure the quality enhancement in the entire sphere of education in our college. Here I would like to thank members for their contribution without which this report could never be prepared.

I am thankful to the honourable President of Governing Body, Mr. Shyama Prasad Mukherjee, honourable Minister of Textile, Government of West Bengal, for his initiative for re-accreditation by NAAC and Prof. Arup Kumar Ghosh, Teacher-in-Charge, for extending his heartiest cooperation at all stages in the preparation of SSR and few renovation works for the best academic environment of the College.

I am also grateful to members of NAAC core committee especially to Dr. Ajit Kumar Datta, Dr. Goutam Biswas, Dr. Debanka Sekhar Misra, Dr Paresh Chandra Pal, Prof. Anjan Kumar Bandyopadhyay, Dr. Prasanta Kumar Patra, Dr. Uday Chand Das, Dr. Prafulla Kumar Das, Dr. Swarup Kumar Jana, Prof. Babula Kumar Pradhan and Prof. Madhumita Dalal for their continuous involvement in the preparation of SSR.

I am thankful to Mr. Apurba Bikash Ghosh, Joyram Gorai and other office staff of our College.

I am truly grateful for the many other hands that made the report possible.

*Dr. Ajay Kumar Manna
Coordinator, IQAC, NAAC.
RAMANANDA COLLEGE
BISHNUPUR, BANKURA*



BISHNUPUR * BANKURA
Pin – 722122, West Bengal
UGC Recognized & State Government Aided Constituent College
Under the University of Burdwan
(Accredited by NAAC at B⁺⁺ Level)

Tel - (03244)252059

Tele Fax – (03244) 254427

Ref. No. RNC/

Date: 30.09.14

Declaration

Certified that the data included in this Self Study Report (SSR) is true to the best of my knowledge. This SSR is prepared by the college after internal discussions amongst Teachers, Staff and General Secretary Students' Union and no part thereof has been outsourced.

I hope that the Peer Team will validate the information provided in the SSR during their visit in the College.



*Signature of the Head of
the Institution with Seal*

PART - A

EXECUTIVE SUMMARY

Established in 1945, Ramananda College, Bishnupur ushered in, for the people of Bishnupur and the district of Bankura of the 20th century a new era of enlightenment and edification through education. This is a Government Aided College under the aegis of the Department of Higher Education, West Bengal. Accredited in 2007 with the 'B++' grade, Ramananda College has celebrated 69 Years of tireless striving for knowledge which enriches the mind and ennobles the soul. It is a great pleasure for us to present this Self Study Report for an re-assessment and accreditation of the College by the National Assessment and Accreditation Council. This has provided us the opportunity to measure the magnitude of our strength, efficiency and effectiveness and also to realise our weakness and shortcomings along with the opportunities and challenges. Following is a brief summary of the criteria-wise analysis and appraisal of the College:

Criterion I: Curricular Aspects:

The **Mission** of Ramananda College has always been the development of complete citizens. The **goal** of the College is to endow its learners with access to higher education through quality teaching-learning process. Initially started with a few students the college now offers Honours and General courses in 18 subjects and PG in one subject (Botany) and at present running with more than 3000 students. The Institution being affiliated to the University of Burdwan abides by the curriculum designed by the parent University. Students evaluations at under graduate level are made annually and PG course on semester basis. A centrally designed time table is followed for this purpose. Seminars/ workshops are also arranged from time to time. Continuous evaluation by class room teaching and interaction, mid-term and annual selection test are conducted to assess the progress of the learners. The teachers of the College attend various Orientation Programmes, Refresher Courses, Seminars, and Workshops for competent handling of the curriculum. Senior teachers of the College as members of the Board of Studies voice their expert opinion during curriculum construction. A certificate course on Human Rights was offered to the students of the College during 11th Plan period. Remedial Coaching for SC/ST/ OBC students and coaching (State sponsored) for competitive examinations for entry in service are offered to the students. The students are involved in social work through the unit of National Service Scheme. Considering the recommendations of the Peer Team, Postgraduate courses in Botany has been introduced. Feedback on curriculum obtained from students, stakeholders and academic peers have facilitated innovative initiatives and ensured continuous growth. Sincere efforts have been made by the institution to modify and enrich the curriculum in order to make it useful to the dynamic, employable market. IQAC monitors evaluate the quality of its enrichment programmes and a formal mechanism is followed to obtain feedback on curriculum.

Criterion II: Teaching-learning and Evaluation

The admission process of the College is conducted offline on counselling basis and is completely transparent with merit being the sole consideration. The higher cut off marks in comparison to other colleges is maintained for admission to the entry level courses. The College however, offers opportunities to the candidates belonging to SC/ST/OBC and differently-abled sections abiding by the directives of the Government of West Bengal and the University of Burdwan. The Institution attempts to make the teaching-learning process learner-centric and individualized in order to identify the slow and advanced learners. Special classes are organised for slow learners and advanced learners are suitably inspired in order to enhance their competitive spirit and performance in academics. Financially deprived students are provided scholarships, fee concessions and book grants. The Psychological Counselling Cell extends psychological support while Career Counselling Cell guides the learners to opt for appropriate subjects. It also creates awareness about higher studies and future professions. A Computer-training course is organised within the College campus for all students, in collaboration with WEBEL Informatics Limited (under Department of Information Technology, Government of West Bengal). The teachers employ both interactive and participatory approaches to teaching. Innovative teaching facilities like smart class-rooms, interactive boards, LCD projectors, internet facilities are available for the faculty as well as students. Interactive approaches like seminars, workshops, conferences, extension lectures, visits, excursions, Power point Presentations, group discussions are adopted by the faculty for enhancement of the teaching learning experience.

There are 45 permanent teachers, 22 Permanent Part-time teachers and 20 Guest Teachers. Amongst the permanent teachers there are 27, 7 and 11 Ph.D., M.Phil. and PG degree holders respectively. Permanent Part Time teachers have PG degree. There are 26 Permanent non-teaching staff, 13 casual staff. This college maintains 04 Hostels in which 04

Superintendents supervise the overall requirements of the boarders. In addition to the four permanent hostel employees six casual staff provide their devoted labour for smooth running of the hostel activities. The security of the college is ensured by 24 hours security guard. One Caretaker observes the overall demands during the college hour every day. Moreover, one lady attendant takes care of the SOS relief of girl students during college hours.

According to the guideline of UGC, faculty members are regularly sent to various faculty development programmes. At the same time the College also organises other programmes such as seminars, exhibition, etc. in collaboration with the parent University and other Institutions. 26 teachers participated in Orientation Programmes, Refresher Courses and Workshops during 2010 to 2014. Ten teachers availed leave to complete Ph.D. works in the scheme of Faculty development Programme.

Performance of the students in the University Examinations is average with few 1st class and University ranks. Extra-curricular activities such as sports-events, NCC activities, seminars/workshops/exhibitions, excursions/visits, facilitate the students to improve their comprehensive development.

Criterion III: Research, Consultancy and Extension

The College promotes research culture through an active Research Committee comprising of senior members of the faculty, representing both the Arts and Science streams. The Committee intimates the teachers about various fellowships, and motivates them in applying for the same. It screens project proposals funded by different agencies. The College also encourages Teacher Fellowships under the Faculty Development Programme of the UGC. A considerable number of teachers of this College have their identified prioritized research areas. The College has set up an Instrumentation Facility Centre for the Science. two minor research projects have been conducted during 2010-2014. A considerable number of publications in journals and periodicals, articles in books and authorship of books go to the credit of the teachers of the College. The College also organises seminars and workshops on diverse topics with focus on capacity building and promoting research culture among the staff and students. As part of the postgraduate curriculum, the students submit duly supervised dissertations. Extension and outreach programmes are conducted through the NSS unit. Camps for health check-up, blood donation, thalassemia and celebration of World AIDS day, World Environment day and World Earth day, have been conducted regularly. The alumnae association of the College participates in various philanthropic activities.

Criterion IV: Infrastructure and Learning Resources

To conduct curricular and co-curricular activities 24283 sq. meter buildings in the campus are used. The buildings are equipped with all basic amenities. The Hall named after "Ramnalini Chakraborty" is used to organise seminars and workshops. A New building is being constructed beside main building where the library is to be located. A medicinal plant garden and a rain water harvesting plant are also maintained. Student common rooms for both boys and girls equipped with indoor game facilities and the gymnasium houses modern gym equipments. The Central Library contains more than 30 thousand books on science, arts and commerce. In addition to these, the departments maintain their individual libraries. 4624 books and 59 issues of journals have been added to the library during the last four years. Also remedial coaching centre and entry in service centre have their own libraries. Reprographic facility and Information and Communication Technology are utilized in full in the library. There are 53 computers(Desk top) and 48 laptops which are used for office automation and teaching-learning purposes. Most of the computers are connected with internet and LAN. The library has a collection of more than thirty thousand books including journals of the past and current edition. Every year a series of new books and journals is added to the library. The Museum of the College has several items of historical and social importance indicating the cultural heritage of the locality. Time to time up-gradation and maintenance of computers are conducted through local agencies. Scientific instruments are maintained by expert mechanics. A total amount of Rs, 2,85,03,270.00 was received under the Non-Plan head of Account for infrastructural maintenance and out of this an amount of Rs. 2,50,03,270.00 was spent. A sum of Rs. 39,00,082.00 has been utilised as the development grant (State Plan head) for equipments, furniture, chemicals and glass-wares and contingency.

Criterion V: Student Support and Progression

The prospectus issued to students at the time of admission contains information regarding different courses offered by the College. Its aims and objectives, administration and qualification of teaching and non-teaching staff members, rules and regulations, admission process and examination schedule. In addition, the College website www.ramanandacollege.org provides relevant information to stakeholders. Welfare schemes for students include financial assistance/scholarships from Government, reservation in admission, remedial coaching, railway/bus concessions, freeships/half-freeships for tuition fees on merit-cum-means basis, and assistance to needy students (books/tuition fees/medical help) from the Students' Aid fund and UGC-CPE fund. More than 2105 students have been awarded scholarship amounting to Rs. 76,43,250.00 as extended financial aid in the form of free studentship, book grants, examination fees and excursion grants amounting to a sum of Rs. 8,20,500.00 in the last four years. The Alumni Association of the College has great role in keeping the good academic atmosphere in the campus. Students are motivated to higher education like UG to PG through JAM, CPET, CAT etc. In addition to this, the students are motivated to appear in competitive examinations like Bank PO, Civil Service, School Service and to the industrial jobs. A good number of students qualify in such examinations. The College organizes annual sports where co/extra-curricular activities like music, dance, debate, quiz, creative writing, poster painting, etc. are held. The students of Ramananda College also participate in the inter-college football tournaments arranged by the University of Burdwan. The Students' Union in the College is apolitical and it effectively maintains a liaison between the students and the teachers.

Criterion VI: Governance, Leadership and Management

The management and staff of the College are committed to make this Institution one of the best educational destinations of the State. Academic policies are resolved with consultation of the Teachers' Council and in some cases with the Governing Body of the College. The leadership of the Institution shows tough commitment to incorporate the culture of excellence by extending support to the staff for improving their efficiency level. All possible facilities are also extended to the students for their intellectual and extra-curricular enrichment. Each of the Heads of the departments coordinates with the teachers and students and consults with the Principal as and when required. Students' feedback is used in execution of the strategic plans. All the multifaceted activities of the teachers are incorporated in the Self Appraisal Report. Annual confidential reports of the teachers are sent from time to time to the higher authority. To maintain the financial sanctity internal audit for utilization of the grants received from UGC, DST and other state agencies and also the statutory audit by the Principal Accountant General, West Bengal are conducted regularly.

The College has an Internal Quality Assurance Cell (IQAC) established according to the recommendation of UGC-NAAC. This Cell monitors the teaching, research and various departmental activities. It also makes constructive analysis of feedback regarding teaching, infrastructural facilities and other amenities of the College from the students. The Cell visits each department every year to verify the yearly progress of the department with regard to record documentation, academic and research activities.

Criterion VII: Innovation and Best Practices

The students and staff of the College collaborate to maintain the eco-friendly campus with large trees and lush greenery which is the natural habitat of numerous birds, squirrels and fruit bats. The College is a totally polythene free zone. It has a colour coded waste segregation system to enable effective recycling of waste. Every year the festival of planting trees, Banomahotsav, is celebrated in August in which both students and teachers actively participate. The College also has a medicinal plant garden maintained by the Department of Botany. This helps in inculcating an interest, awareness and responsibility towards our environment and its protection for sustainable development and also in maintaining greenery in our campus.



SWOC ANALYSIS
OF
RAMANANDA COLLEGE

STRENGTHS:

1. *The college is located in the heritage town of Bishnupur and named after the internationally renowned journalist Ramananda Chattopadhyay for which the students boast of.*
2. *Most of the students of the college come from rural and semi-urban areas and are very simple in nature and behaviour. This helps and inspires the teachers and staffs to work enthusiastically for improving the teaching-learning process.*
3. *The teaching faculty of the college bears sound academic career and some have research experience in IITS, DRDO and foreign institutions. This encourages the students a lot in pursuing their higher studies beyond the college life.*
4. *Heartiest coordination among the teachers, non-teaching staff and students in the college enables all the stakeholders to carry out various activities smoothly.*
5. *As there is the provision of scholarships sponsored by the different agencies/institutions, students of backward classes are more willing to be admitted in this college.*
6. *Due to the existence of five hostels (two for girls) for accommodation, students from distant places don't hesitate to admit themselves in this college.*
7. *The cordial atmosphere and sincere care of the college authority attracts the students far away from Bishnupur inspite of the colleges existing in their nearby localities.*
8. *The College library is a heritage institute itself having a Rare Book section from the past decades consisting about thirty thousand books in different streams.*
9. *The College encourages its students through various prizes, some of which have been initiated several decades ago. For this purpose Prize Distribution Ceremony has been observed every year in the month of January. The college also encourages the students for creative writing and expression of their inner qualities in different aspects. This year a student of our college has published a book on poems.*
10. *The College has a record of consistently excellent academic results. Many students have topped University merit list, won many medals and honours from the University.*
11. *The College Alumnae Association has been registered under Society Registration Act, 1961. This body always taken a keen interest in the activities of the College and extends its best efforts for the betterment of the Institution and its learners.*
12. *The relationship between teachers and students is exceedingly cordial adding to the congenial atmosphere in the College.*
13. *The College is greatly benefitted by the full co-operation extended by The Higher Education Department, Government of West Bengal.*
14. *The NSS wing of the College ensures active involvement of the students in their social responsibility.*
15. *The College also has an Anti-Ragging and Career Counselling Cell which has been constituted according to the UGC norms.*
16. *The college has a unit of NCC (53 Bengal Battalion) which functions with its high pride. One of our NCC cadets has participated in Red Road March past on the eve of Independence Day 2013 at Kolkata and now selected for Army coaching camp in Derhadun.*

WEAKNESSES:

1. *Majority students of this college come from rural area and they suffer from language problem (especially English) which is a barricade in quality teaching.*
2. *This institution has insufficient seminar room to spread over the students in various tutorial classes and seminar programmes.*
3. *Lack of sophisticated museum on the culture of district Bankura especially on Ramananda Chattopadhyay is in the part of the College providing information to the young learners of this college and visitors of this heritage place. Several departments are also waiting for establishment of such museum in their near future.*

4. *Shortage of laboratory staff and insufficient library staff is a great difficulty in our daily activities. Such deficiencies though threaten us in every moment yet they are overcome by the wholehearted effort of the other manpower allied to them.*
5. *Regular duty schedule of college teachers including their library work is enough time-consuming. In spite of this innovative practices and research works are necessary for enlightenment in academic areas.*
6. *Though this is a co-education institution yet the girls and the lady teachers are somewhat deprived from indoor and outdoor game facilities.*
7. *The tendency of the students to get admitted in the vocational courses from general streams increases the percentage of dropout where below merit students are getting admission after a long time of completion of academic session. In addition to this a good number of students are uninterested in attending regular class teaching.*
8. *The college has an auditorium to accommodate about two hundred audience which is not having modern audio-visual system, not air-conditioned and not well equipped with furniture's.*

OPPORTUNITIES:

1. *In this college career counselling and placement cell function satisfactorily, which directs our willing students to get opportunity in career advancement and job in various sectors.*
2. *Spoken English centre enlightens the students of basic science to face the challenges of present generations in their goal-oriented interview sessions as well as to focus them in the lime-light in a modern society.*
3. *We have a study centre of IGNOU in our campus which provides opportunity to the drop-out students, it also caters to the specific need of the students for courses not available in our college.*
4. *The distance learning programme is functioning under the Directorate of Distance Education, Vidyasagar University. It gives post-graduate courses in humanities and social sciences which help the candidates who are on job and those who can not go outside their locality due to financial and any other constraints.*
5. *This is our pride that Ramananda College can accommodate any number of demanding students (boys and girls) for hostel facility till date. As a matter of fact the distant areas students can get admitted in this institution with safety and security in their uninterrupted study tenure.*
6. *There are special opportunities for the students to join in few certificate-oriented courses (semester basis) that helps them to get opportunity in various jobs in future.*
7. *The students of science faculties are notified for campus recruitment organized by some industrial sectors in this college also.*
8. *In this institution single Students' Union supports in smooth running of the college activities and there is no student chaos regarding their day-to-day need in connection with the academic scenario.*
9. *The outlook of Governing Body has been proved in a positive sense for the upgradation of teaching, research and developmental works. Every year few teachers are allowed in FDP, Major and Minor Research Projects as well as to go abroad for Post-Doctoral fellowship or to attend seminar/workshop etc.*
10. *The College itself has a Students' Aid Fund which runs on the contributions of all members of the Teachers' Council including the teacher-in-charge. Various types of financial assistance are extended to the students from this fund.*

CHALLENGES:

1. *This college is situated in a highly reputed heritage place in West Bengal where a good number of visitors come every year to know and enrich their knowledge on the local culture and importance of this place. As a matter of fact, it is our challenge to establish a satisfactory museum on the said spectrum.*
2. *PG departments in Bengali and Physics were suggested in this college as per previous NAAC peer team. At present we are keeping this view in mind along with some other departments for its PG faculty set up or upliftment in quality teaching meet increasing demand of the students.*
3. *Insufficient play ground and infrastructure in the physical Education department is a threat to the students which the learners overcome by means of endeavour and close contact with their teachers.*

4. *In spite of insufficiency and constraints, it is our overall challenge to improve the result and academic output in every sphere of our institution with no compromise.*
5. *Being a remote area's college, majority of students are of mediocre caliber. Yet our approaches through guardians call and one to one problem solving strategy plus regular tutorial classes, class test etc. help the students to succeed in academic life.*

PART - B

PROFILE OF THE COLLEGE

1. Name of the College: RAMANANDA COLLEGE

Address: , Bishnupur, Bankura

City: Bankura

Pin: , 722122

State: , West Bengal

Website: , www.ramanandacollege.org

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Arup Kumar Ghosh	O:03244-252054 R:	9434520474	03244-254427	principal@ramanandacollege.org
Vice Principal	N.A.				
Steering Committee Coordinator	Dr. Ajay Kumar Manna, Assistant Professor	O:03244-252054	9732130372; 9475599038	Do	ajoymanna@gmail.com

3. Status of the Institution:

 Affiliated College:

Constituent College:

Any other (specify):

4. Type of Institution:
a) By gender:

For Men:

For Women:

 Co-education:
b) By Shift:

Regular:

 Day:

Evening:

5. It is a recognized minority institution?

Yes

 No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence: N.A.

6. Sources of funding:

Government:

 Grant-in-aid:

Self-financing:

Any other:

7. a) Date of establishment of the college: 01.07.1945
 b) University to which the college is affiliated /or which governs the college (If it is a constituent college):

The University of Burdwan, West Bengal

- c) Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
2 (f)	01.01.1956	Since the establishment of UGC
12 (B)	01.01.1956	-

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act) -Annexure-I

- d) Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.): N.A.

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized:

- a) By UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: N.A.

- b) For its performance by any other governmental agency?

Yes No

If yes, Name of the agency and date of recognition: N.A.

10. Location of the campus and area in sq.meters:

Location *	Semi-Urban
Campus area in sq. meters	37095.08 sq. meter
Built up area in sq. meters	24283.46 sq. meter

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

* Auditorium/seminar complex with infrastructural facilities:

* Sports facilities: ✓

- Play ground ✓
- Swimming pool ×
- Gymnasium ✓

* Hostel:

▪ Boys' hostel

- Number of hostel: 03
- Number of inmates: 150
- Facilities (mention available facilities): Spacious rooms, common bathrooms, table, chair, bed, fan, common room with TV, Newspapers

▪ Girls' hostel

- Number of hostel: 01
- Number of inmates: 40
- Facilities (mention available facilities): Spacious rooms with common bathrooms, table, chair, bed, fan, common room with TV, Newspapers etc.

▪ Working women's hostel: Nil

- Number of inmates: NA
- Facilities (mention available facilities): NA

* Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise):

* Cafeteria: N.A.

* Health centre: N.A.

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff – Nil

Qualified doctor	Full time	<input type="text"/>	Part time	<input type="text"/>
Qualified Nurse	Full time	<input type="text"/>	Part time	<input type="text"/>

* Facilities like banking, post office, book shops: N.A.

* Transport facilities to cater to the needs of students and staff: N.A.

* Animal house: N.A.

* Biological waste disposal: N.A.

* Generator or other facility for management/regulation of electricity and voltage: Generator facility available during college hour

* Solid waste management facility: N.A.

* Waste water management: N.A.

* Water harvesting: Rain water harvesting unit has been established in 2014 our college campus.

12. Details of programmes offered by the college (Give data for current academic year(Session 2014-15):

SI. No.	Programme Level	Name of the Program me/ Course	Duration	Entry Qualificati on	Medium of instruction	Sanction ed/ approved Student strength	No. of students admitted
1.	Under-Graduate	BA/B.Sc/ B.Com	3 years	H.S. pass	Beng./Eng.	2133	1501
2.	Post-Graduate	M. Sc (Botany)	2 years	B. Sc (Hons)	English	18	15
3.	Integrated Programmes PG	NA					
4.	Ph.D.	NA					
5.	M.Phil.	NA					
6.	Ph.D	NA					
7.	Certificate courses	Diploma in spoken Eng.					
8.	UG Diploma	NA					
9.	PG Diploma	NA					
10.	Any Other (specify and provide details)	NA					

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes No Number

- i. PG Botany
- ii. Computer Science
- iii. Physical Education
- iv. Education

15. List the departments (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.):

Particulars	UG	PG	Research
Science	Physics, Chemistry, Mathematics, Botany, Zoology, Physiology, Nutrition. Computer.	Botany	Nil

Arts	Bengali, English, History, Political Science, Philosophy, Sanskrit, Geography, Economics,		
Commerce	Accountancy		
Any Other (Specify)	Physical education		

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

- a) Annual system (BA, B. Sc., B. Com).
- b) Semester system (PG Botany)
- c) Trimester system

17. Number of Programmes with

- a) Choice Based Credit System
- b) Inter/Multidisciplinary Approach
- c) Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

- a) Year of Introduction of the programme(s)..... (dd/mm/yyyy)

and number of batches that completed the programme

- b) NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:

- c) Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education:

Yes No

If yes,

- a) Year of Introduction of the programme(s) 01.07.2011

and number of batches that completed the programme

- b) NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:

- c) Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution:

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC / University / State Government Recruited			12	3	20	10				
Yet to recruit					23					
Sanctioned by the Management/ society or other authorized bodies Recruited										
Yet to recruit										

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<i>Permanent teachers</i>							
D.Sc./D.Litt.	–	–	–	–	–	–	0
Ph.D.	–	–	8	3	9	7	27
M.Phil.	–	–	2		3	2	7
PG	0	0	1	0	8	4	11
<i>Temporary teachers</i>							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	20
<i>Part-time teachers</i>							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	–	–	–	–	–	–	22

22. Number of Visiting Faculty /Guest Faculty engaged with the College:12 (PG Botany)

23. Furnish the number of the students admitted to the college during the last four academic years:

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	133	31	110	39	171	91	174	88
ST	26	05	29	12	42	24	37	21

OBC	103	41	86	55	103	86	117	73
General	686	267	564	379	400	317	400	348
Others (Minority)	34	06	37	16	60	38	55	25

24. Details on students enrollment in the college during the current academic year(Session 2014-15):

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1501	3+*	0	0	1504+
Students from other states of India	0	0	0	0	0
NRI students	0	0	0	0	0
Foreign students	0	0	0	0	0
Total	1501	5	0	0	1504+

* Admission going on

25. Dropout rate in UG and PG (average of the last two batches):

UG PG

26. Unit Cost of Education:

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

a) including the salary component [2012 – 13 Session]

b) excluding the salary component [2012 – 13 Session]

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) Is it a registered centre for offering distance education programmes of another University?

Yes No

b) Name of the University which has granted such registration:

c) Number of programmes offered: 19

d) Programmes carry the recognition of the Distance Education Council

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered for the current academic year(Session 2014-15):

- B. A.: 1:60
- B. Sc.: 1:22
- B. Com.: 1:8
- M. Sc.: Not available, Admission going on.

29. Is the college applying for

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only):

Cycle 1: 19.01.2007 (dd/mm/yyyy) Accreditation Outcome/Result: B++

Cycle 2:(dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result.....

* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year(2013 – 14):

32. Number of teaching days during the last academic year (2013 – 14):

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC): IQAC 20.02.2007 (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC:

AQAR (i)05.04.2012 (dd/mm/yyyy)

AQAR (ii)30.07.2012 (dd/mm/yyyy)

AQAR (iii)29.05.2014 (dd/mm/yyyy)

AQAR (iv) 29.05.2014 (dd/mm/yyyy)

35. Any other relevant data (not covered above) the collegewould like to include. (Do not include explanatory/descriptive information):NA

PART - C

CRITERIA - WISE INPUTS

CRITERION - I

CURRICULAR ASPECTS

1.1. CURRICULUM PLANNING AND IMPLEMENTATION

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision:

The vision of Ramananda College is to provide innovative educational environments, best academic standards, opportunities and experiences that enable individuals, communities, and the district as a whole to thrive, develop and prosper. We strive to become the standard of excellence, fostering creativity and intellect among the students. We aim to offer quality education to students of all sections of society irrespective of gender and socio-economic standing and to enable them to stand up to the challenges of the new millennium with courage and conviction.

We focus on teaching and learning, creation of an environment where knowledge is used to expand growth and progress, and to inculcate a liberal mind.

Students are equipped with the facilities, which are needed to recognize and expand their inherent qualities, to help them prosper as responsible and sensitive human beings. By the end of the term, students are equipped with inner strength and confidence to face society in general and become responsible citizens.

Mission:

Ramananda College serves the diverse educational and cultural needs of the students. The college achieves its mission and goals by planning the following steps:

- *Academic programmes and services that provide adequate support to both teaching and learning.*
- *Activities and programs that complement, enhance, and contribute to the growth and enrichment of students and the community, both inside and outside the classroom.*
- *Promoting continuous improvement, for providing standard and quality education to the otherwise marginalized youths of the locality.*
- *Development of mental health to treat people with dignity and encourage feelings of self-worth.*
- *Producing resourceful teachers and scholars to be employed in different educational institutions in this locality and skilled professionals to the industries.*
- *Developing intellectual and personal growth of the students to reach their highest potential in an atmosphere that is both challenging and supportive.*
- *Creating a uniquely supportive atmosphere that stresses respect and collegiality among students, faculty, and staff.*
- *Providing challenging academic environment for the students with due assistance for them to achieve their fullest potential.*
- *Preparing students for success in both college and the life ahead.*

Objectives:

The primary objective of the college is to develop and support a student-centered collegial environment through enhancement of excellence in both learning and teaching. The college targets upon inculcating knowledge and need-based work skills so that after completion of the course, the students find themselves prepared for employment as well as self-employment. The institution also aims in encouraging the students to achieve personal and professional goals through individual growth, self-motivation and enthusiasm. Encouraging secular, moral and nation building values among the students helps them to respect and preserve the rich cultural heritage of the country.

Communication to Stakeholders:

The college holds meetings on a regular basis where the primary responsibilities and future programmes are discussed keeping uniformity with the mission and vision of the same. The Academic Council and the Teachers' Council, being the two key academic bodies of the institution, conduct such meetings. The decisions thus taken are communicated to the students in the following ways:

- During induction programme the new students are acquainted with the mission and vision of the college.
- The mission and vision of the institution are mentioned in the website of the college.
- The college prospectus, college magazines also contain the mission and vision for the students to understand them clearly.
- During departmental programmes and on days of celebrations like Foundation Day, Teachers' Day, Freshers' Welcome, etc. teachers make the students aware of the mission and vision of the college.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The College elaborately works out plans for implementing the curriculum successfully. In the beginning the college's academic council hold meeting with the departmental heads. Together, they come out with strategies as to how to implement the curriculum effectively. Apart from regular/traditional teaching methods, teachers are motivated to use unconventional methods such as computer education, field visits, seminars, assignments, discussions, workshops and presentations.

The Departmental staff members develop the academic plan for the upcoming academic session through inter departmental meetings. The complete syllabus is divided keeping in mind the number of working days so that it can be finished within the stipulated time. Keeping track with the academic calendar issued by the affiliating university, the college prepares the academic schedule stating the subjects to be taught and number of working hours allocated for such. The academic schedule also stresses upon the evaluation of students' progress by conducting class tests, unit tests and Test Examination before the University Final Examinations each year.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The college always keeps in tune with the latest trends and education guidelines suggested by the affiliating university as the college itself does not enjoy autonomy to prepare curriculum for students. The curriculum received from the university is circulated among the students by the concerned teachers.

For keeping the teachers updated with the latest trends of teaching aptitude and methodology, the university conducts refresher courses, orientation programmes and workshops at a regular basis. The participating faculties discuss their issues and areas of concern and exchange their views regarding syllabi and curriculum designing in the meeting of the Board of Studies. For improving the teaching techniques, the college always invigorates the faculties to attend the workshops and seminars organised by the university. Reference books and other guiding materials, teaching models, various journals and magazines are also provided by the college to the faculties, for enhancing their knowledge and updating teaching methods for effective deliberation of the curriculum.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The academic bodies of the college along with the faculties together execute various initiatives for successful delivery of the university curriculum.

Our college not only believes in stressing upon the academic improvement, but also gives substantial emphasis on overall growth of students. The students are encouraged to join various forums of the college such as Governing Body, Students' union NSS and NCC etc.

The faculties are trained to use computers and other modern technologies like internet, projectors and OHPs for effective teaching. The college library provides all latest books, magazines, and journals, reference materials for both students and teachers. Recently all departments, library and office have been provided with internet facilities. In addition to the conventional teaching aids, i.e. chalk and talk method, teachers now often use projectors and laptops as modern teaching aids. Some departments like Botany (PG) invite experts to take classes so that the knowledge of the students does not remain limited within their regular class subjects only. Special NSS-classes organised by the college NSS unit also helps in bringing the best out of our students.

To get rid of the routine class room lectures, visit to industrial fairs, placement fairs, exhibitions and places of historical importance, are also arranged by the college. Special/tutorial or remedial classes are arranged for slow learners and students who could not attend some classes due to participation in sports or extracurricular activities. All these initiatives taken by the college ensures effective delivery of the university curriculum.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

University

Professors from the affiliating university are invited to the college campus on a regular basis for conducting seminars for the development of the faculty members. The faculty members also visit the university time to time, for being updated with the latest developments in their respective subjects. Interaction with the faculty of the parent university keeps them informed of the current trends. Some teachers are members of the UG Board of Studies, The University of Burdwan. They regularly exchange views with other members of the Board regarding syllabus modification, designing course curriculum, etc. Before the modification, introduction of new topics in the syllabus, the university seeks suggestions from the teachers of various colleges including our college. After the modification/implementation of new syllabus, the concerned department of the university organizes workshops where our teachers positively participate.

Industry

Industrial visits are not a regular phenomenon. However, the Career Counselling Cell of the college keeps contact with various industries for campus interview and direct recruitment. HR managers of reputed companies come to the college campus as guests to share their experience with the students and give them tips for their future.

Research bodies

The faculty members take up various research projects and interact with various research bodies. UGC sponsored Minor Research Projects, ICSSR sponsored Major Research Projects are being carried out by the teachers of this college. The college also encourages its faculty to join research works in research institutes like Indian Institute of Advanced Study, Shimla. The Botany Department of the college undertook collaborative research programme with "Horticulture Development Foundation". This research work was sponsored by The Agri-horticulture Society of India. The faculty members are also acting as research guide and are attending various types of national and international seminars and conferences to deliver lectures or present their research findings. They are also involved in publishing and reviewing good quality research papers.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (Number of staff members/ departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided specific suggestions etc.

Though the parent university designs the syllabus, it welcomes recommendations and suggestions for modification of the syllabus by the faculty members of affiliated colleges. If the university feels the need of reshaping the syllabus structure, they communicate to the members of board of studies through the principal of the institution. At present some teachers of this college are members of different academic bodies:

- *Prof. Arup Kumar Ghosh, member, Board of Studies (UG), The University of Burdwan*
- *Dr. Ajit Kumar Dutta, member, Board of Studies (PG), The University of Burdwan*
- *Dr. Shyamal Kanti Mallick, Board of Studies (PG), The University of Burdwan*
- *Dr. Debanka Sekhar Misra, member, Board of Studies (UG), The University of Burdwan*
- *Dr. Ajay Manna, member, Syllabus Committee (UG), The University of Burdwan*

Before the modification, introduction of new topics in the syllabus, The University seeks suggestions from the teachers of various colleges including our college. After the modification/implementation of new syllabus, the concerned department of the university organizes workshops where our teachers positively participate. For modification of the syllabus feedback from students and teachers are also taken into consideration.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Since we don't have the freedom of framing our own curriculum for any of the courses affiliated by the university, we try to organise special classes by inviting experts from different fields, to supplement the syllabus.

During 11th plan period the college conducted a certificate Course in Human Rights. The syllabus was primarily designed by the college and later on duly approved by The University of Burdwan. The assessment and evaluation procedure was designed by the college and certificates were awarded to the successful students. The English Department of the college provides assistance in course design, assessment and feedback procedure in relation to the Spoken English course, run by the Red Rose Language Institute.

1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

- *The curriculum of the college is structured well before the starting of the session. Once the new session has started, the college keeps a track whether all the action plans are followed properly.*
- *During such process, the college also ensures that the objectives of the said curriculum are achieved.*
- *Periodical examinations, class tests, unit tests and terminal examinations are held to see that the syllabus is covered properly and the goal is achieved. Proper documentation of the steps followed, are also done. All departments keep records of students' performance in class / unit tests their performance in the Test Examination prior to the University Final Examination is preserved centrally in the college.*
- *If the college finds out at any point that the objectives are not achieved, actions are taken for finding out the problem and also providing the solution.*
- *Most of the departments organise mid-term meetings to review the position of the syllabus and the progress of the students.*
- *Special classes/tutorials are conducted for academically weak students.*
- *For SC/ST/Minority and other backward students Remedial Coaching classes, funded by the UGC, are conducted.*
- *The college regularly send proposals and receive book-grants, grants for current journals, e-books etc. from the UGC and State Government and utilizes these funds solely for the academic benefit of the students and teachers.*
- *Laboratories are well-equipped and external grants are utilized to modernize them. Thus the students of this college, located in a remote area are served in the best possible way. A part of the college fund is also utilized*

for the above purpose.

- Thus all precautions are taken to ensure that the college fulfills all the objectives of the curriculum by the end of the year.

1.2 Academic Flexibility:

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

Ramananda College has its vision of providing value based education for all round personality development of the students. This is reflected in the range of programmes taken for the students from the academic curricula of the affiliating university. The college imparts education at Under Graduate/Post Graduate Degree level.

The list (at a glance) of courses offered by the institution:

Programme offered	Total number of subjects taught
B.A. Honours	9 subjects
B.A. General	10 subjects
B.Sc. (Pure) Honours	03 subjects
B.Sc. (Pure) General	04 subjects
B.Sc. (Bio) Honours	04 subjects
B.Sc. (Bio) General	03 subjects
B.Com. Honours	01 subject (Financial Accounting Cost Accounting)
B.Com. General	03 subjects
M.Sc. (Botany)	01 subject (Botany)

Apart from offering the aforementioned regular courses as affiliated by the University of Burdwan, West Bengal, for extending academic excellence to the students, the college also has introduced various personality and skill development courses like Spoken English & Personality Development course, Certificate course in Human Rights etc. The college provides career counselling opportunity for the outgoing students.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes' give details.

Following the affiliated curriculum of the University of Burdwan, the college does not have the scope to offer programmes that facilitate twinning /dual degree. But students can opt for BCA programme from IGNOU simultaneously with their respective bachelor degree programmes in the college. The students also have a wide range of choices for pursuing certificate courses from IGNOU. The college helps such students in choosing Diploma and Certificate courses suitable to them and provides counselling by expert teachers. The college also encourages such endeavours by providing the students opting for such Diploma /Certificate courses with library facility and computer labs for such purpose.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

At the entry level, the students choose their Honours and General subjects. The college offers a large number of subjects as elective subjects-combinations, approved by the affiliating university for the benefit of the students. The college provides faculty members and necessary infrastructure to fulfill the need of the learners, coming with

different academic background and choices. This wide variety of subjects is offered to the students for academic flexibility and skill development.

Apart from UG Honours and General Programmes, Post-Graduation (M.Sc) in Botany has been introduced for the first time in the district of Bankura and the adjacent districts. Now there are 15 seats for studying M.Sc. in Botany in Ramananda College.

B.A. Honours course in philosophy is taught under the self-financing scheme.

There are also provisions for Certificate Course in Spoken English, various job-oriented and professional Diploma and Certificate Courses offered by IGNOU. Besides, Graduate Students of Arts Depts. can pursue PG Programmes under Vidyasagar University from our college in Distance mode.

• **Range of Core/Elective options offered by the University and those opted by the college:**

Our college caters almost all Elective options offered by the University to the students.

Elective Options

Course	Honours Subject	Elective subject	List
B.A. Honours	Any one from List-A (except Physical Education and Mathematics)	Any two from List-A (excepting Honours subjects, Geography and Physical Education) Economic is compulsory elective subject for students opting for Geography Honours	A 1. Bengali 2. English 3. Sanskrit 4. History 5. Economics 6. Political Science 7. Geography 8. Mathematics 9. Philosophy 10. Physical Education
B.A. General		Any three from List-A	
B. Sc. (Pure) Honours	Any one from List-B (excluding Computer Science)	Any two from List-B	B 1. Physics 2. Chemistry 3. Mathematics 4. Computer Science
B. Sc. (Pure) General		Any three from List-B	
B.Sc. (Bio.) Honours	Any one from List-C (except Chemistry)	Any two from List-C (except Nutrition) Chemistry is compulsory elective subject for Nutrition Honours students and they will not get Botany as elective subject	C 1. Botany 2. Zoology 3. Physiology or Chemistry 4. Nutrition
B.Sc. (Bio.) General		First three from List-C	
B.Com. Honours	Financial Accounting Cost Accounting	First two from List-D	D 1. Economic Principles and Indian Economic Problems 2. Management Theory and Practice
B. Com. General		All the subjects from List-D	

			3. Financial Accounting
M.Sc	Botany (15 seats)		

List of Programmes

Programmes	Honours/General	Elective Subjects (any two)	No. of Programmes	Total
Honours Level (Arts)	Bengali Honours	English, Sanskrit, History, Political Science, Philosophy	10	86
	English Honours	Bengali, Sanskrit, History, Political Science, Philosophy	10	
	Sanskrit Honours	Bengali, History, Political Science, Mathematics, Philosophy	10	
	Geography Honours	English, Sanskrit, History, Economics, Political Science, Mathematics,	15	
	History Honours	English, Sanskrit, Political Science, Philosophy	06	
	Political Science Honours	Bengali, Sanskrit, History, Economics, Philosophy	10	
	Philosophy Honours	Bengali, English, Sanskrit, History, Political Science	10	
	Economic Honours	English, Sanskrit, History, Political Science, Philosophy, Mathematics	15	
General Level (Arts)	B.A. General	Any three out of Bengali, English, Sanskrit, History, Economics, Political Science, Geography, Mathematics, Philosophy, Physical Education	93	93
Honours Level (Science)	Physics Honours	Any two out of Mathematics, Chemistry, Computer Science	03	21
	Chemistry Honours	Any two out of Physics, Mathematics, Computer Science	03	
	Mathematics Honours	Any two out of Physics, Chemistry, Computer Science	03	
	Economic Honours	Any two out of Physics, Chemistry, Mathematics,	03	
	Botany Honours	Zoology (compulsory), Physiology / Chemistry	02	
	Physiology Honours	Any two out of Botany, Zoology and Chemistry	03	
	Nutrition Honours	Chemistry (compulsory), Physiology / Zoology	02	
	Zoology Honours	Botany (compulsory), Physiology / Chemistry	02	
General Level (Science)	B.Sc. General (Pure Science)	Any three out of Physics, Chemistry, Mathematics and Computer Science	03	03
	B.Sc. General (Bio Science)	Any three out of Botany, Zoology, Physiology / Chemistry	02	02
Honours	Accountancy	As per Burdwan University Syllabus	01	01

Level (Commerce)	Honours			
General Level (Commerce)	B.Com General	As per Burdwan University Syllabus	01	01
Total	108 (Honours)	99 (General)		

Intake capacity of each department as per The University of Burdwan rules

Programmes	Honours/General	Intake Capacity
Honours Level (Arts)	Bengali Honours	73
	English Honours	67
	Sanskrit Honours	67
	Geography Honours	26
	History Honours	48
	Political Science Honours	43
	Philosophy Honours	24
	Economic Honours	36
General Level (Arts)	Day	539
	Morning:	303
Honours Level (Science)	Physics Honours	33
	Chemistry Honours	33
	Mathematics Honours	55
	Botany Honours	24
	Physiology Honours	21
	Nutrition Honours	19
	Zoology Honours	24
General Level (Science)	B.Sc. General (Pure Science)	112
	B.Sc. General (Bio Science)	147
Honours Level (Commerce)	Accountancy Honours	73
General Level (Commerce)	B.Com General	
Post Graduate Level	Botany	15

- Choice Based Credit System and range of subject options:**
 The College in its present status cannot introduce such system. Courses are offered following the guide cline of the University of Burdwan.
- Courses Offered in modular form:**
 In most of the subjects the Syllabus is framed by the Board of Studies of the University in the modular form. In addition to that, at the college level the departmental teachers distribute it among themselves and divide their assignments term-wise (1st Term, 2nd Term and 3rd Term as stipulated by the University). The Unit Test and Class Tests are also conducted accordingly.
- Credit transfer and accumulation facility:**
 In the present system there is no Credit transfer and accumulation facility available in the college.
- Lateral and vertical mobility within and across programmes and courses:**

The college offers UG courses in B.A., B.Sc. and B.Com. and P.G. course in Botany. In all cases, admission, mobility and examinations are conducted following the guideline of affiliating University. A student admitted to a particular course is permitted to change the subject/course within a stipulated time fixed by the University. Students admitted to the 3-year-Degree course are allowed to clear all subjects and papers within 7 years. They can avail several chances to complete the course. Moreover, if a student scores very poor marks in a particular paper of a subject and does well in other papers he/she can repeat that paper with poor marks.

- **Enrichment courses:**

The course content and curricula are framed by the Boards of Studies of the college does not have much to do in organizing enrichment courses. However, our college adopts some innovative measures for the above purpose. Campus/State Level/National Level seminars/workshops based on the curricula and modern approaches are regularly organized by different departments to enrich the students, teachers and scholars. ICT based and audio visual modes of teaching, study tour/excursion/field-work, project-work, survey-work, etc. definitely help the learners to develop an insightful approach to their course.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The college offers self-financing course only in Philosophy Honours. The programmes with reference to admission, curriculum, teacher qualification, salary, there is no difference with other subjects; the only difference is its fee structures. In the last year the fee structure of it during admission in first year was Rs. 3350.00/- (Rupees three thousand three hundred and fifty only) whereas other subjects of B.A. Honours have Rs. 2450/- (two thousand four hundred and fifty only). During the admission in 2nd year the fee is Rs 3200.00/- (Rupees three thousand and two hundred only) and the others have Rs. 2210.00/- (Rupees two thousand two hundred and ten only). In the third year admission fee in Philosophy Honours is Rs. 3110.00 /- (Rupees three thousand one hundred and ten only) and the other Honours subjects have Rs. 2210.00/- (Rupees two thousand two hundred and ten only). Philosophy department has only two sanctioned posts whereas the other BA departments have four sanctioned posts each.

BA General Course of Philosophy was started in the year 1947. In the session 2003-04 Honours course was started at self-finance basis.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

The college conducts various skill development programmes throughout the session. Guests from different areas of expertise visit as speakers to hold training programmes. They also provide opportunities in employment. Since most of the students come from rural background, extra care is taken to improve their communication skills. Programmes are conducted to intensify the IQ levels among the students by the Career Counselling Cell. Students are also being prepared for competitive exams like WBCS, SSC, UPSC, banking etc. through coaching classes for entry-in – services, funded by the UGC. Computer education is also a part of additional skill oriented programmes. Moreover, as stated above skill development courses like Spoken English & Personality Development course, Certificate course in Human Rights, etc. are added facilities arranged by the college.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If 'yes', how does the institution take advantage of such provision for the benefit of students?

Yes the University of Burdwan provides for the flexibility of combining the Conventional and Distance Modes of Education for students to choose the courses/combination of their choice. The College has a Special Study Centre of

IGNOU which offers many Degree, Diploma and Certificate courses in Distance Mode. Regular students can benefit themselves by pursuing those Diploma and Certificate courses of IGNOU simultaneously with their respective bachelor degree programmes in the college under the University of Burdwan. Thus economically weak students, dropped-out students, adult learners can enormously benefit them by pursuing these courses.

1.3 Curriculum Enrichment:

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The curriculum in UG and PG levels set by the parent university is pertinent with the objectives and goals of the college. Being an affiliated college, we do not have the scope to design our curriculum; hence additional effort is given to overcome the limitations of the syllabus. Special endeavours are taken to make the students capable to get acquainted with the extremely competitive world of employment. The faculty members carry out brain storming sessions to find out the shortcoming areas of the syllabus. Special courses such as short term computer courses, communication development and personality development are conducted to meet up the deficiency. The college also provides special classes to prepare the students for competitive exams such as Bank PO, SSC, and WBCS etc. College also arranges remedial coaching classes for the backward class students as guided by UGC.

The academic calendar is prepared by the departmental heads and the college academic council keeping in mind the objectives and goals of the institution. UGC sponsored remedial classes for SC/ST and other backward classes have also been reinforced by the institute.

The college syllabus has a compulsory paper at UG level, known as 'Environmental Studies'. Design of the curriculum makes students aware of the importance and methods of environmental preservation and protection.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

The college firmly follows the curriculum designed by the parent university. In the beginning the college's academic council held meeting to come out with strategies as in how to implement the curriculum effectively. The routine committee makes a central routine according to the availability of the classrooms and time so as to cover the syllabus within the year. The Departmental staff members develop the academic plan for the upcoming academic session through inter departmental meetings. The complete syllabus is divided keeping in mind the number of working days so that it can be finished within the stipulated time. Keeping in track with the academic calendar issued by the affiliating university, the college prepares the academic schedule stating the subjects to be taught and number of working days allocated for such. The academic schedule also stresses upon the monthly, terminal or half yearly exams to be conducted based on the respective subjects.

The faculty members deliver the education in such a way that the students can face the competitive job market at ease. The highly skilled and knowledgeable teachers make it easier for the students to take up the challenge of getting rightly placed in future. Apart from regular/traditional teaching methods, teachers are motivated to use unconventional methods such as computer education, field visits, seminars, assignments, discussions, workshops and presentations.

The college has a placement cell, whose members keep them updated with the current trends in the job market. They also keep direct contact with various companies to get information about the vacancy and placement. The HR departments of the companies interact about their demands and the skill set required, for the students to get updated. Special classes are held to make the students confident and comfortable for the global market.

Various measures are taken by the college to train the students in such a way that they can meet up the global market standard and shape their future in a sublime way. Special attention is given on the skills such as communication, computer education, spoken English and in depth practical knowledge of their respective subjects. Modern

equipment like LCD Projectors, OHP and computers are used for teaching. Special tailor made training programmes are set to improve the skill set of the students. Committees are formed who arranges trainings and orientation programmes to enhance employability among the students.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

With the support from UGC, DSE the college takes initiative of arranging national level seminars and conferences, where specialists share their experiences and knowledge on the above fields. The college, at its own level arranges for state level seminars on various issues for social awareness, cultural uplift, scientific consciousness etc. Environment education is a compulsory subject at the UG level as per the university curriculum. Therefore with the assistance of the local forest departments, the college celebrates environment day. The college also introduced computer education, so that all the students become familiar with computer fundamentals and strengthen their chance of employability.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

- *moral and ethical values*
- *employable and life skills*
- *better career options*
- *community orientation*

The final year students are encouraged to enroll in the placement cell/career development cell of the college. The placement cell keeps contact with the HR department of various companies for collecting first-hand information about the skill set needed for the corporate sector. Therefore they bridge the gap between employment and education. Seminars and orientation programmes are arranged by the English department for development of communication and presentation skills of the students.

Various enrichment programmes are organised by the college to motivate the students for social service, develop their moral and ethical values and become a responsible citizen:

Moral and Ethical values:

Apart from special lectures on moral and ethical values, students are also taken for field visit in the nearby rural areas. Such field visits help in developing awareness among the students as well as the people of the area on social, moral and ethical principles of life. NSS camps are the best examples for such types of interactions with the local society to increase morality of the total college communities – students, teachers and officials.

Employable and Life Skills:

Students are encouraged to take responsibilities on organising various events in the college. Active participation of the students in fests, cultural programmes, seminars, workshops help them to develop their organisational and team building skills.

Along with in depth knowledge of the subjects, communication and preventability is also a vital area in the field of employment. Therefore the college arranges for written and verbal communication workshops, group discussions in both English and vernacular language.

Better Career Options:

Computer basic course, spoken English classes, special communication classes are held by the college to make the students face the highly competitive employment market.

Community Orientation:

The college NSS team visits local rural areas to provide awareness to the people about the ways of life, social, ethical and moral principles.

The college also arranges for personality development sessions, computer education, and literacy programmes for the common people so that they can also be benefitted.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

For enriching the curriculum, feedbacks are collected from the stakeholders with the help of the following steps:

- *Response sheets are prepared and distributed among the students.*
- *The students express their viewpoints and fill up the response sheets. Verbal feedbacks are also taken into consideration.*
- *Feedback forms are also provided to the alumni and the parents during interface meetings to get their observation.*
- *Exit level feedback is also collected from the students at the end of each academic year, about their learning experience and over all experience in the college.*
- *The principal analyses the reports and take necessary steps for enriching the curriculum.*

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The college follows a systematic way for monitoring and evaluating its enrichment programmes standard. An advisory committee is created with the five most experienced faculty members. All the discussions, suggestions and interactions are analysed by the advisory committee. A report is prepared on the basis of the feedbacks. The report is then submitted to the head of the department. The committee holds frequent meetings with higher authorities like the principal and the managing committee of the institution.

The college ensures that the curriculum convey all the core values such as - usage of modern technology, contribution to national development, grow global competencies among students, thrive a value system together bringing a quest for excellence.

The college also encourages its students to enroll in various academic programmes for over all development of the students, the college and above all the society as a whole.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

The power of developing the curriculum for the institution lies only with the parent university. Faculty members conduct workshops and seminars on re-examining the curriculum. Feedbacks are taken and analysed thoroughly by the respective HOD's and the faculties. The reassessment report by the faculty is then forwarded to the parent university through the members of board of studies. Thereafter, the re-designing or rephrasing of the curriculum lies only in the hand of the university.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

The college has a structured method of gathering feedback from its stakeholders. Various stakeholders such as the students, alumni, faculties are inspired to share their views and suggestions. Questionnaires are set by the college and are distributed in form of feedback forms among the stakeholders. The feedbacks are collected and discussed in the staff council meeting. The coordinating committee also shares their point of view. Thus all the suggestions for improvement are conveyed to the authority of the affiliating university by the principal of the college, with a view of the changes needed in the curriculum for the betterment of the students.

Therefore the college takes active participation in the curriculum development and re-framing process through proper analysis of the feedbacks given by the stakeholders in a regular basis. Meetings are held for suggestions for alteration of the curriculum. At the end, the college presents the recommendations and re-defining proposal to the parent university through proper channel.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/ programmes? Any other relevant information regarding curricular aspects which the college would like to include.

The new courses introduced in the college in last four years are: Physical Education, Education.

The increasing demand of the subject physical education among the students and the local people make the college authority to think to introduce it. We think that the development in the health – its theory and practical is one of the most essential aspects of learning. Training in physical health of the people helps to form a strong united society and this idea is the main source to inspire ourselves to introduce the subject in the college.

So also Education is introduced according to the students demand and local demand.

The college when decides to open the new subject first apply to the mother university to get permission. After getting permission the infrastructures (like classrooms, instruments etc.) are introduced under the supervision of a coordinator. The coordinator is selected from the related existing subject teachers. The coordinator takes necessary arrangements to appoint guest teachers and with the help of the guest teachers he also arranges the classes. In the meantime new posts of permanent teachers are created by the college and when the new teacher is appointed the new department is established.

CRITERION - II

TEACHING LEARNING AND EVALUATION

Teaching-Learning is a process of understanding and realization and not merely mechanical reading and writing. Any programme/course has its own objectives and some special orientation related to dynamism of human civilization. It is the responsibility of the teachers to bridge the knowledge-gap that may arise in formal academic interactions.

2.1 STUDENT ENROLMENT AND PROFILE

2.1.1 How does the college ensure publicity and transparency in the admission process?

Publicizing the admission process:

Ramananda College is a leading institution in the district of Bankura. It has been serving for more than 66 years as the Alma Mater of thousands of students coming from rural Bengal as well as from urban area of Bankura and Durgapur. In a sense, its reputation as a standard educational institution is well established. Nevertheless, dissemination of updated information regarding the institution is important. To meet this demand, the institution circulates updated prospectus every year to each student willing to get admitted. This method of publicity is most effective, since a major share of population in the nearby places is not yet accustomed to modern tools of imparting information. Having a strong belief in the fact that statism is unhealthy for an educational institution; our college has uploaded all the requisite information in its website, www.ramanandacollege.org.

Transparency:

One of the unique features of our college is its transparent admission procedure, which is based on the academic performance of the students in Higher Secondary level. To begin with, filled-up application forms are rigorously scrutinized and separate merit list for each stream is published and displayed in the notice board. On the dates of counselling, the students get themselves admitted at the center of counselling according to his/her merit position, subject-wise intake capacity and availability of seats. In case of the students holding the same position in the merit list, and opting for the same subject as Honours, preference is given to the student scoring higher in the concerned subject of interest. The whole process is very transparent in the sense that all these parameters are displayed in a giant screen, by LCD projection system, in the venue of counselling itself.

N. B.: Admission to the M. Sc. Course, in Botany, is controlled by the affiliating university, i.e., the University of Burdwan.

2.1.2 Explain in detail the criteria adopted and process of admission (e.g., (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

The earnest endeavor of our college is to ensure admission to all aspiring, deserving and meritorious students and to implement this; our College takes utmost care to adhere strictly to certain criteria, as mentioned below:

- A meeting of the academic subcommittee is held, prior to the admission notification, to frame the admission policy, keeping an eye on the directives of the affiliating university.
- Admissions to the Honours courses, at the Under Graduate level are made in reference to merit alone, on the basis of the marks obtained in the last qualifying examination i.e. Class XII School Leaving Examination.
- Guidelines set by the affiliating university, applicable for admission in the academic session of interest, are followed.
- Reservation of seats, for the students of Scheduled Caste/Scheduled Tribe/Other Backward Caste/Differently Abled category, seeking admission, is maintained by following the reservation policy of the government in vogue.
- There is no bar on the marks attained in the last qualifying examination (10+2), for the students opting for admission to general courses, due to the demand of the rural needy pupil. Students, whose applications clear the

scrutiny and verification process, get to know the information from the notice board and go through the Direct Admission Process on the scheduled dates. Seat capacity in each subject is, of course, taken into consideration.

- In case of admission to B.P.Ed course (General), aspiring students are required to submit individual Sports Certificate. If needed, deserving candidates are tested of their ability, by holding trial in sports event.
- For admission to the Certificate Course in Human Rights (discontinued from the session 2012-13), minimum eligibility criteria is to qualify the Higher Secondary or equivalent examination.
- For admission to the professional and job-oriented programmes under IGNOU, there is no bar of age and admission in different courses state the minimum requirement as prescribed by the Distance Education Council and Open Learning System.
- For admission to the Correspondence Post Graduate Degree Course, under Vidyasagar University, the existing norm of government/affiliating university is followed. There is no cut-off mark, but the candidate must have the specific subject at Undergraduate level as one of the subjects taken.
- Admission to the M. Sc. Course, in Botany, is controlled by the affiliating university, i.e., the University of Burdwan.

During the first phase of admission, and also in the prospectus, it is highlighted that after the completion of one month from the date of commencement of regular classes, names of the students attending less than 60% of the total Honours classes, taken in each department, would be stroked out and the corresponding seats would be declared vacant. The candidates eligible for the next phase of admission are duly notified and these vacant seats are filled up, by holding 2nd round of Counseling. This is done so as not to deprive a willing and deserving student from getting a chance to move forward with his/her subject of interest.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Minimum percentage (cut-off) of marks for admission at the entry level in our college is 45% in aggregate as well as in the subject which the candidate opts for Honours.

Maximum percentage of marks for admission at the entry level (during the last four academic sessions) is as follows:

Maximum percentage of marks at entry level during different sessions			
2010-11	2011-12	2012-13	2013-14
87.80%	89.80%	92.40%	83.80%

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

YES.

The Academic Sub-committee reviews the admission procedure followed in the previous few years and goes through student profiles annually and accordingly takes necessary steps for the qualitative improvement of the admission process. In the specific meetings, held for discussion with the Head of the institution, the academic sub-committee takes different measures and plans to implement them properly, crucial for providing quality service to the students and ensuring a smooth and transparent admission process.

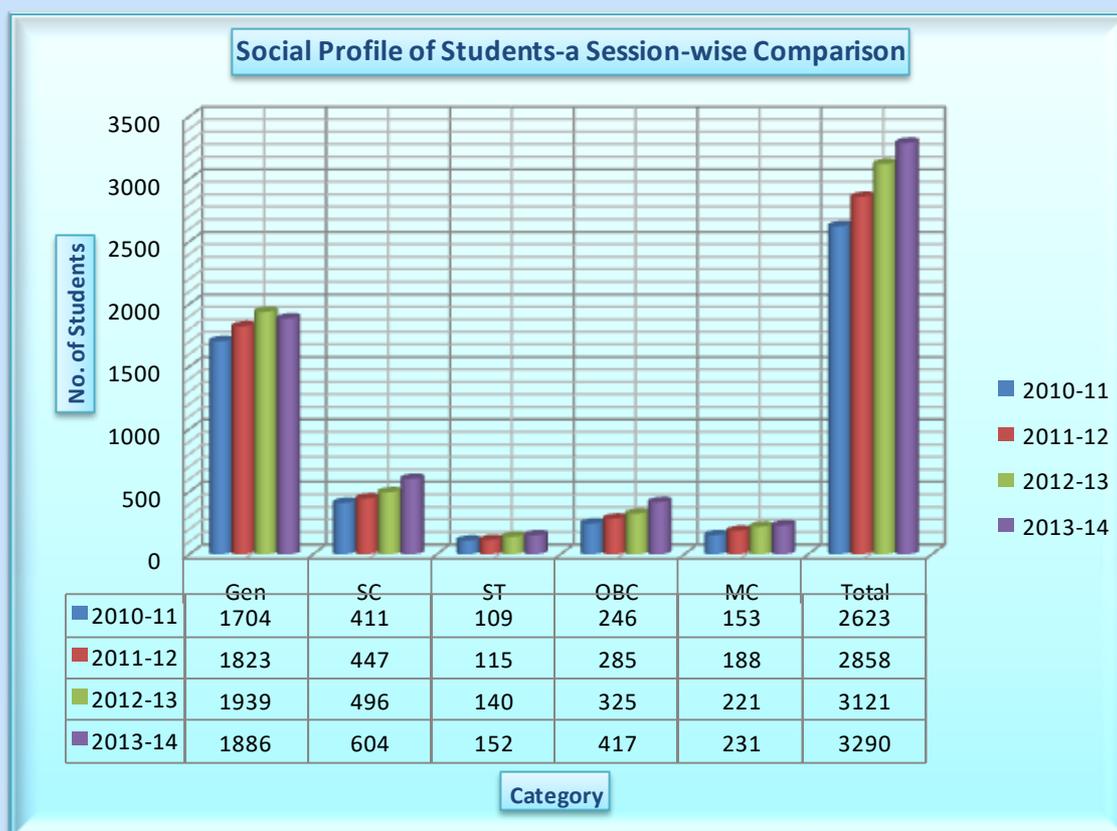
2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST
- OBC
- Woman
- Differently abled
- Economically weaker sections
- Minority community
- Any other

The admission policy of the institution and its student profiles demonstrate/reflect the national commitment to diversity and inclusion by adopting the following strategies to increase/improve access for following categories of students:

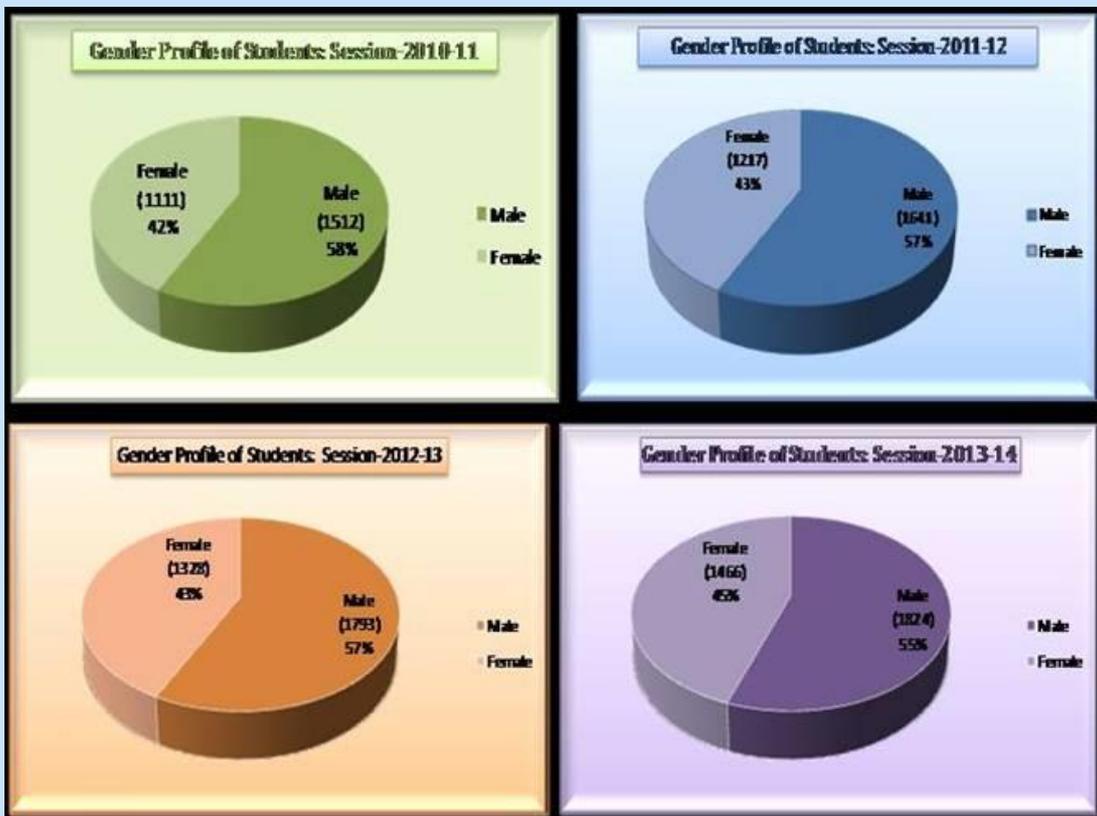
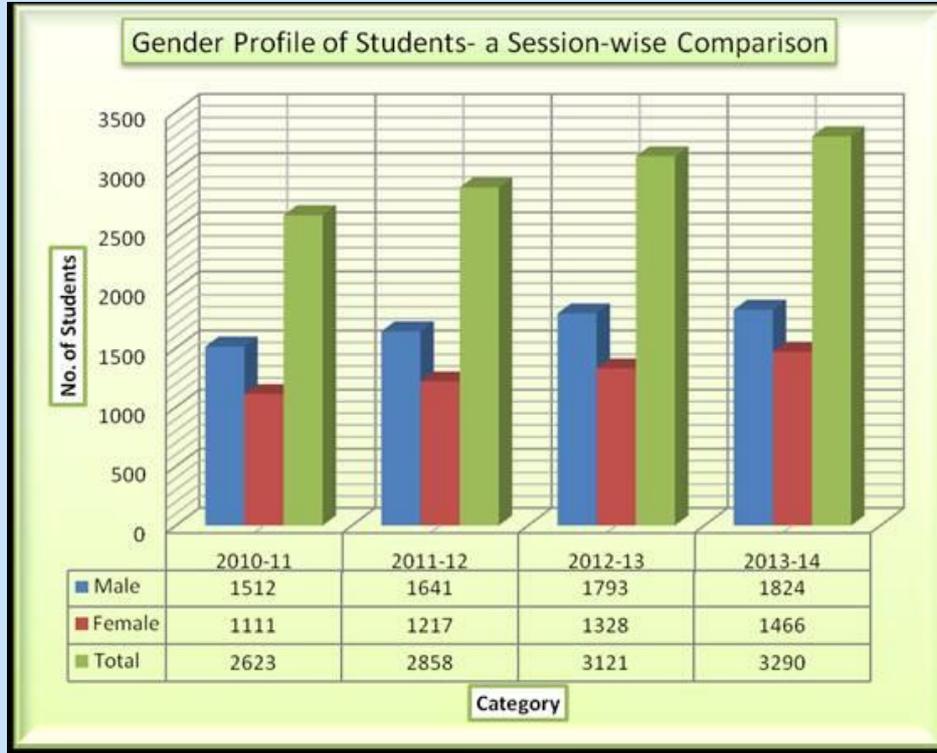
a) Students from disadvantaged community—SC/ST/OBC:

Our College strictly follows the government's reservation policy for SC, ST, and OBC candidates. Seats are reserved for these marginalised groups according to norms laid down in notifications made by the University of Burdwan and Department of Higher Education, Government of West Bengal. Access is ensured to them through the total implementation of reservation-cum-merit as per the orders of the Government of West Bengal.



b) Women:

Woman candidates are provided with an equal opportunity although there is no reservation for them in connection to admission. However, one of the objectives of the institution is to spread female education. The ratio of female to male students has gradually increased over the last four sessions and the prominence of that ratio in the previous session clearly indicates that the College is playing an important role in female education.



c) Differently-abled:

Differently-abled students (having 40% or more of disability as per the medical certificate issued by district medical board of government health department) have been admitted subject to the fulfillment of minimum marks. They have 3% reservation as per government norms. In practice all those candidates having 40% or more of disability are getting offer of direct admission in the General course and for Honours course as per the university norms.

d) Economically-weaker sections:

There is no relaxation of marks in case of students coming from economically weaker section. However, certain concessions in tuition fees (full/half/quarter) are offered to meritorious students, who may be in indigent circumstances. There are several 'financial assistance' schemes, in the form of scholarships, funded by different agencies and targeted towards different categories of students, satisfying the specific criteria for each award. The college always encourages the sports personnel in the categories of District-level, State-level, National-level or University-level to study in this institution.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends, i.e., reasons for increase/decrease and actions initiated for improvement.

Demand Ratio, as produced below, is defined as the ratio of the number of applications received to the number of students admitted.

In case of P.G. in Botany, the admission process is totally controlled by the University of Burdwan. Here, the number of applications essentially denotes the number of candidates in the merit list.

For the Session 2010-11

Programmes	Level	Number of Applications	Number of Students admitted	Demand Ratio (Approx.)
B. A.	Honours	1412	255	6:1
	General	947	947	1:1
B. Com.	Honours	33	33	1:1
	General	39	39	1:1
B. Sc.	Honours	898	112	8:1
	General	153	44	4:1
P.G.	Botany	15	14	1:1

For the Session 2011-12

Programmes	Level	Number of Applications	Number of Students admitted	Demand Ratio (Approx.)
B. A.+ B. Sc.	Honours	2051	396	5:1
	General	1010	796	1:1
B. Com.	Honours	22	22	1:1
	General	09	09	1:1
P.G.	Botany	15	14	1:1

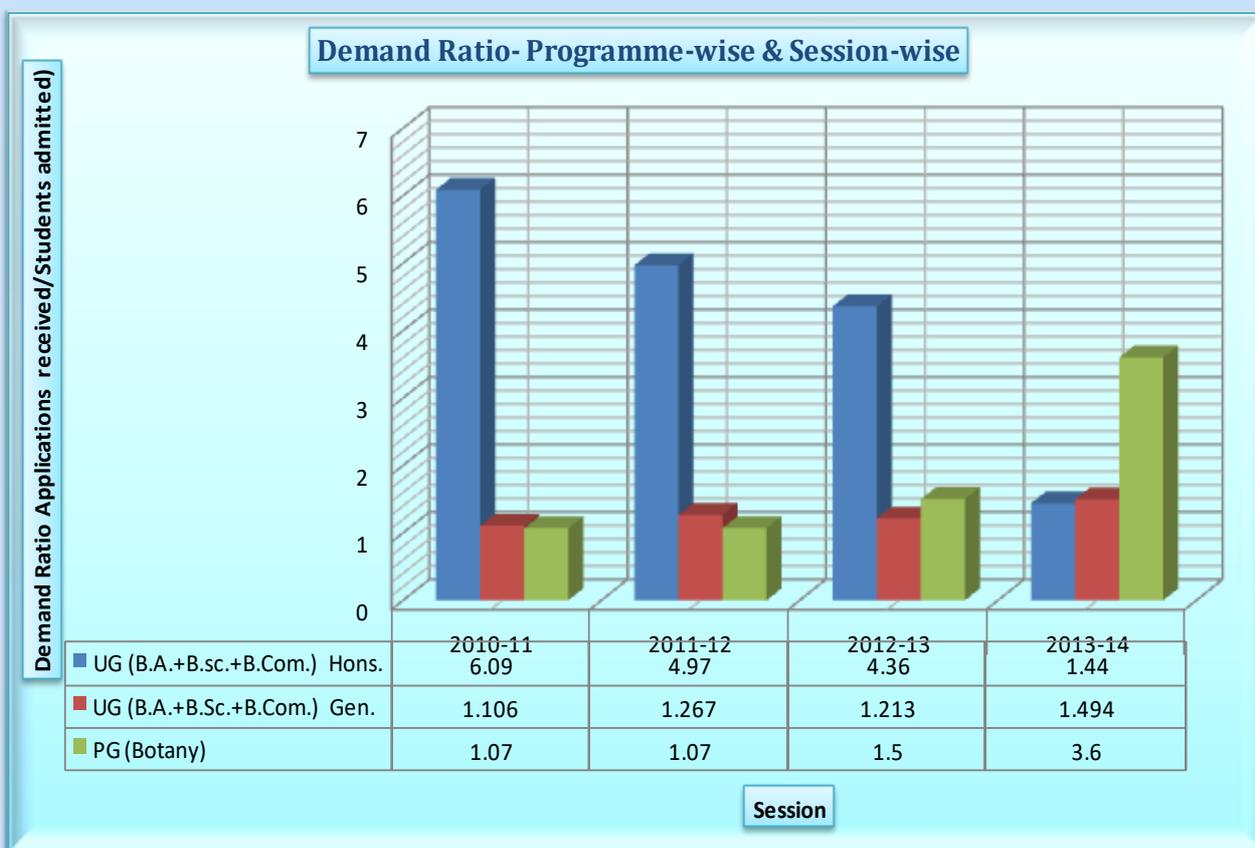
For the Session 2012-13

Programmes	Level	Number of Applications	Number of Students admitted	Demand Ratio (Approx.)
B. A.+ B. Sc.	Honours	2001	441	5:1
	General	1038	853	1:1
B. Com.	Honours	24	24	1:1
	General	14	14	1:1
P.G.	Botany	15	12	1:1

For the Session 2013-14

Programmes	Level	Number of Applications	Number of Students admitted	Demand Ratio (Approx.)
B. A.+ B. Sc.	Honours	423*	286	2:1
	General	1527	1018	2:1
B. Com.	Honours	26	26	1:1
	General	14	14	1:1
P.G.	Botany	18	05	4:1

* In the session 2013-14, online admission was introduced and hence the number of application denotes the number of candidates opting for our college, after going through Central Counseling by the university.



2.2 CATERING TO STUDENT DIVERSITY

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

Ramananda College is always sensitive to differently abled students. Regarding the admission of such students the institution adheres to the Government Policy. Complying with this norm, the College follows a policy of reservation of seats by 3% of the total seat capacity for each department/stream. During counseling for admission, differently abled students are given the first opportunity to fill up the initial 3% of the seats. In case some of the reserved seats remain vacant due to lack of demand, the vacant seats are converted to 'general' category.

The needs of the differently abled students are catered through an inclusive policy.

- Teachers of each department always take encouraging attitude to the differently abled students and pay more attention in the scheduled normal classes as well as in the special classes.
- College office ensures that the differently abled students do not have to wait for long in a queue for their routine formal requirements like submission of fees, completion of registration process, receiving of marks sheets/certificates etc.
- College library is at ground floor.
- The institution allows writer for students with functional and visual disability in the Examination Hall/allows extra time during examination as per University norm.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

During the introductory classes, teachers do take note of the academic records of each student and try to assess the level of understanding through question-answer session on fundamentals, in the respective departments. This strategy facilitates the teachers to follow specialized approach for different categories of students, rather than taking an average method of teaching.

Students are also tested in their fluency and accuracy in understanding and writing English. This is done because even if the University allows the use of Bengali Language in writing answers in the examinations and teachers use Bengali alongside English as the medium of instruction, most text books and reference books that the students need to consult are written in English. Further, for higher studies and jobs other than teaching assignments at schools, knowledge of English is a must.

Secondly, students in a particular department are tested in their knowledge of basic tools and preliminary concepts, required for the particular subject. As the students joining undergraduate courses come from different kinds of Boards (10th standard) and Councils (10+2) with different syllabus pattern, contents and distribution, the concentrators in different subjects are therefore expected to have a basic preparation and teachers help them to obtain such preparation before they take up the corresponding Honours courses.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

- On the basis of the assessment of the students, made during the introductory classes, teachers in each department go through review of fundamentals to clear the misconceptions and limitations of the students.

- *In the regular classes that follow these few sessions of review, special attention is given to those students who are found lagging.*
- *Apart from the regular classes and classes allotted under remedial coaching (U. G. C.), which targets socially backward group of students, our teachers provide special lessons to the students who lack as compared to their fellow learners so far as level of understanding is concerned. Based on the assessment done initially, before the commencement of the programme, teachers contribute extra hours to make them well-equipped with the advancements in the lectures given in regular classes.*
- *Teachers also make some personal contact schedules to guide the students prepare model answers by providing books, reading materials and advice.*
- *In the laboratory based departments, students admitted with poor technical proficiency are treated specially. Teachers, at the onset of each experiment, explain to the students the theoretical background of that particular experiment, why and how it should be performed, what precautions have to be taken in order to achieve finer accuracy, etc. Students are asked to come to laboratories during their free time outside the regular class hours when the teachers as well as the senior students are available to clarify their doubts.*
- *Teachers always adopt a psycho-analytical approach and encouraging attitude so that the weaker students get enough confidence and advanced learners are guided to walk the right path of cultivating knowledge.*

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

+ Gender:

Teachers of this institution, from the Department of Economics, have been spared for working in a UNDP Project, District Human Development Report, Bankura. Their focus was on the Gender issues of Bankura district and these issues were also discussed in a seminar involving students from all streams. The issues were further sensitized among other groups at workshops organized by the office of the District Magistrate, Bankura.

The college also inspires students and teachers to participate in seminars and workshops related to women studies/gender issues. In one of such instances, Dr. Chirashree Mukherjee from the Department of Sanskrit and Dr. Mahua Patra Roy from the Department of Chemistry of our college participated in the UGC sponsored Workshop: SAM (Sensitivity/Awareness/Motivation) Workshop for “Capacity Building of Women Managers in Higher Education”, organized by Lady Brabourne College, Kolkata, during 15th – 19th Jan 2011. Later, Dr. Chirashree Mukherjee delivered a special lecture “Women Empowerment: An Introspection” in a Seminar on “Freedom of Women and Women Empowerment”, organized and funded by the Office of the Sub-divisional Information and Cultural Officer, Bishnupur (Govt. of West Bengal), Bankura on 30th September, 2011 at our college. A large number of girl students and female teachers from nearby schools gathered in that seminar and shared their views.

+ Inclusion:

In order to ensure the inclusion of socially backward groups satisfactorily, our college strictly follows the norms designed by the UGC and the State Government, so far as appointment of members of teaching and non-teaching staff and admission of students is concerned. Apart from this, people belonging to all interest groups in the college enjoy freedom of sharing their views and discussing individual grievances or inconveniences, both in academic and administrative sectors of their place of work.

+ Environment:

Besides giving proper attention to the scope of Environmental Studies provided within curriculum, in the UG level, our college boasts of being ornamented with NSS units (under the University of Burdwan) both for boys and girls. NSS classes are conducted in the middle of each week which gives an impetus to the awareness of the students, already made familiar through lessons within syllabus. Teachers, non-teaching members and students get involved in campus cleaning programmes. We have a nice garden in the college campus, maintained under the regular supervision of a trained person. Also, a section of our garden includes medicinal plants, monitored by specialized faculty members of the department of Botany. Each year, we take part in plantation programme within our college premises. In the recent past, a rain-water harvesting plant has been constructed and come into action.

2.2.5 How does the institution identify and respond to special educational / learning needs of advanced learners?

In addition to the assessment done during the introductory classes, unit tests are taken periodically, which provide a picture of the academic capacity of the students. Students with remarkable efficiency are thus identified and are motivated by adopting the following lines of action:

- Teachers make them acquainted with advanced reference and guide them how to make proper utilization of the same books.
- They are advised to go through the lecture materials available free in the internet and are often provided with related printed matter.
- Students are encouraged to prepare and deliver seminar lectures on some specialized topics (within the syllabus).
- To help the students develop creativity and the power of innovation, they are told to write articles, on contemporary topics, in the departmental wall magazines and college magazine.
- Advanced learners are suggested to attend the seminar/extension lectures, organized by the different departments. Teachers make it a point to get them introduced to the distinguished academicians visiting the college and/or serving as resource persons in the seminars/workshops held in the college.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

Drop-out is one of the major problems that the institution suffers from, being situated in a rural and backward area. As a part of preventive measures, performance of the students in the periodical class tests and Annual / Test examinations are discussed by the Heads of the Departments in the meetings of the Academic sub-committee. The overall result is analyzed in the meeting of the Teachers' Council. Since poor academic performance is a significant signal towards anticipating the drop out percentage, the institution takes whole-hearted initiative and exercises the following methods:

- Parents of the academically weaker students are invited to interact with the teachers of the concerned departments as well as with the institutional Head (Principal/Teacher-in-Charge), so as to realize the basic problem or route cause of poor performance.
- Since economic backwardness is a major problem, students are informed about the scope of free-studentship and other scholarship. All sorts of assistance are provided from the administrative section and the concerned departments.
- Weaker students are also given special coaching, extra study materials and mental support, by the teachers, to safeguard the possibility of drop-out and utter failure of the teaching-learning process.

- The college leaves no stone unturned in encouraging the academically weaker students to enjoy the facility of Remedial coaching classes.

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

- **Academic Calendar:** The College follows the structure of academic calendar, designed by the University of Burdwan, at the beginning of each academic session (July-June). However, a detailed academic calendar, conveniently dissecting the whole session into three different phases, [a) before Puja Vacation, b) after Puja Vacation till 31st December, c) January-June], is published in the Prospectus for each session. Apart from the schedules of regular classes, departmental unit tests and annual evaluation programmes, this calendar mentions probable time/date for seminar/workshop/cultural programme/annual prize-distribution ceremony/annual sports and students' union election.

➤ **Teaching Plan:**

- **Designing of syllabus:** Regular Undergraduate courses are conducted according to the respective syllabi, constructed by the University of Burdwan. Our college enjoys no autonomy in this regard. However, each department exerts its best effort to complete the syllabus within stipulated time, which is one of the essential criteria in achieving fruitful outcome in the teaching-learning process.

- **Modulisation and Unitisation of the Syllabus:** In the departmental meeting, held well before the commencement of a particular academic session, discussion about syllabus distribution is made keeping in mind the workload per week that UGC prescribes for an individual teacher. Also, the entire syllabus for each year (1st year, 2nd year & 3rd year) is divided into modules/units and lesson plans are made. The whole teaching schedule is composed of three parts viz, pre-puja period, post-puja period up to December and the period starting from January to June.

- **Routine:** The routine for each academic session is prepared by the Routine Committee through three steps-

Step 1: Initially, the framework is designed on the basis of the stipulated working hours (as per UGC guidelines) and the requirement of the university syllabi. The Routine Committee allots the General Theoretical and Practical classes and the Departments are given enough flexibility to design and allot the Honours classes within the broad framework of the Master Routine.

Step 2: As the initial framework of the routine gets circulated to each Department, the Departmental Heads after having thorough discussion with fellow teachers in the Departments (Departmental Meetings) allot Honours classes according to the year-based (1st year, 2nd year and 3rd year courses) needs.

Final Master Routine is prepared by considering all the Departmental feedbacks.

Step 3: On the basis of the Master Routine each department prepares its own departmental routine, indicating classes of individual teachers. A copy of the departmental routine is submitted to the Principal/Teacher-in-charge.

- **Evaluation schedule:** Schedules of departmental unit tests and annual examinations are broadly announced in the academic calendar published in the prospectus at the beginning of each session. However, specific time schedules, number of tests to be held, module structure and maximum marks of unit tests are settled by the individual departments and notified in the departmental notice boards. Time tables and dates of evaluation of

answer scripts for the Annual Examinations (Test Examinations) are fixed in the meetings of academic council and Teachers' council. Schedules for University Final Examinations are sent by the University in due time and these are projected in the College notice board.

Teachers evaluate the answer scripts for all types of college examination within stipulated time. Records of marks for unit tests are maintained by the departments while performance of College Test examinations are centrally analyzed in the meetings of AcademicSub-committee and Teachers' Council. Evaluated scripts of the term-end examinations are shown to the students. Some model answers are given to them so that they can score higher in the University Examinations.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

The process of teaching and learning is essentially intermingled with the process of quality up gradation of all the groups concerned—students, teachers and the persons involved with administering the teaching-learning process. For the purpose of improving the quality at all levels, an Internal Quality Assessment Cell has been formed on the basis of guidelines provided by NAAC and UGC. This IQAC contributes to improve the teaching-learning process through different multi-dimensional facets:

- To enforce discipline in the campus IQAC takes special initiative like arranging for teacher–student interactions, assistance and support to attend student problems, special interactive sessions amongst all the stakeholders viz. students, teachers, academic and laboratory staff and parents.
- Cultural programmes quiz and debates are conducted and social contributions like blood donation camps are encouraged to nurture the values of togetherness and social responsibilities among the young minds.
- Attempts are taken for the beautification of the college. IQAC also encourages the students to maintain a clean and eco-friendly environment in the college premises.
- It encourages the institution to organise seminars, workshops etc. to spread awareness on academic and social issues.
- It arranges for improving the system of teachers' evaluation by students with respect to improving the overall quality of the College.
- It plans and actively participates in enhancing the infrastructural facilities in terms of space, equipment, laboratories, libraries etc.
- It appreciates, encourages and extends support for inter-disciplinary programmes, faculty development programmes, research activities and administration.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students.

Since the college is situated in a semi-urban area with most students coming from rural and low economic background, care is taken to meet the special need of these students.

- ❖ While scholarships, aids and concessions are provided to meet the financial constraints, keen attempts are made on providing textbooks (in multiple copies in the library), notes, question banks and model answers. Remedial coaching classes are taken to help out the students coming from backward section of the society.

- ❖ *Students are encouraged to develop fluency in English for better job placement chances through 'spoken English tutorials' that are outsourced. Career counseling cell is active in college to guide students in job markets.*
- ❖ *Teachers are encouraged to use modern teaching aids like audio-visual mode of teaching, projector & computer-based teaching-learning method and smart-classroom and internet access.*
- ❖ *Laboratories with modern and advanced equipment are provided to inculcate interest towards the concerned subjects.*
- ❖ *Seminars, debates, lectures by experts from other colleges & Universities, Inter-departmental lecture exchange, & presentations are organized to encourage interactive learning. This is accompanied by experiential teaching like projects-based learning, Field work, surveys, experiments and practical classes, etc.*

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The college nurtures critical thinking among the students by adopting the following strategy:

- *Our college organizes debates, quiz contest, seminar etc. in which students can explore and exchange new idea with eminent academicians.*
- *The teachers motivate the students in writing articles for publication in the annual magazine and departmental wall magazine for embracing creativity.*
- *Teachers also help to grow interest among the students to develop originality by providing guidance in preparing scientific models and posters, for contesting in different district-level and state-level competitions.*
- *Students in higher classes are encouraged to share views and guide the junior students in theory and practical classes.*
- *To establish good correlation between theoretical concepts and practical applicability, study tours, excursions are often organized.*
- *Students are always motivated to get involved in exhibitions related to their subjects.*
- *The institution has effective mechanism to participate in community services through extension programmes (as a part of NSS activity) to develop innovative, creative, value-based education for inculcating social responsibilities and good citizenry amongst its student community.*
- *Annual cultural programme and sports are held to foster holistic personality development of students.*

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Example, Virtual laboratories, e-learning -- resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The following technologies and facilities are available in the college and used by the faculties for effective teaching:

- *Interactive boards (Smart boards)*
- *LCD Projectors*
- *Overhead Projectors*
- *Computer with internet facility to all the departments*
- *Laptop to all the faculty members*
- *INFLIBNET facility in the library*
- *State-of-the art equipment in all science laboratories*

Besides these, different departments deal with different modes of teaching, e.g., lecture method, interactive method, audio-visual mode, project-based learning with study oriented tour/field work, socio-economic surveys based on the syllabus.

Software Used:

ILWISS (software for Remote Sensing & GIS), MEGA, Clustal W, EViews, SPSS, RATS, STATA generally for the departments having study tour/excursion/field visit in their curriculum.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops, etc.)?

There are enough scope for the teachers and students of our college to keep pace with new developments in their subjects. They are exposed to advanced level of knowledge and Skills through the following avenues:

- + Seminars, workshops and extension lectures are organized on regular basis by the departments to establish a proper link between the knowledge confined within the curriculum and the latest advancements in the respective area. Seminars on current issues are organized from time to time in the college.
- + Our college deputed teachers to attend various seminars / workshops /conferences / summer schools, etc. organized by the academic institutions of other states of the country so that they get acquainted with the best practices of those institutions.
- + Teachers attend the UGC sponsored Orientation Programmes and Refresher Courses organized by the Academic Staff Colleges of different universities.
- + Most of the teachers are engaged in research work and for that purpose they take help of the books and journals in the central and departmental libraries, and also work with the instruments kept in the Central Instrumentation Room.
- + Keeping in mind the advancements in Information Technology, our College has provided opportunity to the students and teachers to acquire knowledge through internet surfing, during the College hours, free of cost. Also, the administrative section enjoys this facility.
- + Some of our teachers are invited as Guest Lecturers to various Institutes, Universities and colleges for PG teaching.
- + Teachers are always encouraged to utilize the research support available from different organizations like the UGC (minor and major research projects) and DST-India.
- + Students are assigned various creative tasks, such as writing articles and matter for wall magazine and college magazine, motivated to interact with resource persons during seminars, workshops etc. They are encouraged to present seminars on recent developments.
- + Some of the departments conduct field work and excursions, organize industrial visits and study excursions to acquaint the students with the changes taking place.
- + Our College is a subscriber of INFLIBNET, which the teachers utilize in upgrading their knowledge bank.

2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

Since academic counseling and mentoring are part of a long established structure and are very much need-based, requiring compassionate effort, statistics are not maintained. In the practical classes of the science departments, there is enough scope of mentoring through intimate interaction between the students and the teachers at the personal level. On several occasions, the Teacher-in-Charge and other senior faculty members do address the problems faced by different students and help in sorting out by providing mental support and guidance to them.

The College has a number of cells and sub-committees and even conducts remedial course for minority and backward class students.

- **Disciplinary Sub-Committee:** The purpose of the sub-committee is not to punish but to reform students towards holistic awareness. A correctional approach, involving a kind of counseling, is made to guide the students showing unruly attitude. They are advised not to follow any undesirable path within and outside the campus.
- **Career Counseling Cell:** This cell lends a helping hand to the students so that they can cope better with the demands and pressures of increasingly competitive surroundings.

(Please see the Sub-Section 5.1.9 of Criterion V)

- **Guidance for Entry in Service:** UGC Sponsored Coaching for Entry Level Examinations in different Government and Non-Government Services is given especially to the SC/ST/OBC (non-creamy layer), minorities and economically backward students. The programme started from 2010 and the aim of this programme is to make the students ready in every respect to face competitive examinations like West Bengal School Service Commission, Public Service Commission, Railway Recruitment exams, Staff Selection commission, etc.

Information regarding the number of classes held in the previous four sessions, under this programme, is produced below:

Session	No. of Coaching Classes for Entry in Services				Total no. of classes held
	SC	ST	OBC	Minority	
2010-11	71	16	97	26	210
2011-12	71	16	97	26	210
2012-13	71	16	97	26	210
2013-14	22	06	31	05	64

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

A massive infrastructure development has taken place during last few years to boost the teachers in adopting innovative methods of teaching. The college has provided computer with internet facility to all the departments to keep pace with the latest development in their respective field of study. Moreover, the college has also provided LCD and Overhead Projectors to some departments, Laptop to all faculty members, e-journal facility to enable the faculties in applying innovative teaching methods. Whenever any new grant is available the college authority asks for proposals from the departments for utilization of the funds. The departments are given full liberty to choose the equipments / softwares / materials / books to be purchased. Faculty members are also deputed to attend programmes on the new and

emerging technologies for up gradation of teaching methods. The teaching–learning process is further enriched with ICT tools such as photocopiers, scanners, printers etc., and by extending the facilities of internet and intranet to the students. There is a positive impact of such innovative practices on the students learning particularly in the field of better understanding of the subject matter, scientific reasoning, presentation, communication and personality development.

2.3.9 How are library resources used to augment the teaching-learning process?

The college has a well-equipped computerized library having text books, reference books, advanced books, journals and periodicals on various subjects, which remains open from 8 am to 5 pm on every working day. There are many old and rare books and journals also. Teachers and students visit the library regularly. Students are also encouraged to go to library reading room during the off-period to build up their reading habit in the college hour. The college has been subscribing for INFLIBNET over the past few years to make use of e-books and e-journals for the faculty members. The library uses various ICT tools, e.g., photocopiers, scanners, printers etc. to help students. Besides these, the question papers of college and university examinations of previous years are preserved and are available in the library for helping the students in preparation for examinations. Books are used by the teachers not only for classroom teaching, but for advanced level of learning.

In addition to that all the departments have departmental libraries. Library resources are gradually increased for the smooth conduct of teaching learning process.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

At present the University, to which the college is affiliated, follows 1+1+1 system in B.A./B.Sc./B.Com. Courses. Semester system has been introduced in the PG courses in Botany. Naturally, teachers have the responsibility to complete the syllabi within the stipulated time. Teachers plan and organize classes according to the requirement. Some teachers maintain lesson plans in order to finish the syllabi within reasonable time. Departments arrange for special classes as and when necessary to overcome the challenges in completing the curriculum within the time frame of the academic calendar. But often due to unavoidable circumstances, such as election processes, teaching days are curtailed and the affiliating university changes its schedule, then the institution faces the challenge of disseminating its tradition of close and thorough teaching in the imposed abbreviated time frame. In such situation extra classes are arranged without stressing the students so that a balance can be struck between academic needs and relaxations.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

Quality of teaching is evaluated through the feed-back from the students. In addition to that the Teacher-in-Charge goes on round every day and asks the students regarding their interest towards the class with view to knowing the quality of teaching of the teachers concerned. Collecting the feed-back in this way the Teacher-in-Charge personally talks to the teachers concerned, if necessary, for improving the quality of teaching. Apart from this, Classroom attendance of the students is closely monitored. Continuous Assessment is done by holding class tests, terminal examinations. The Teacher-in-Charge and the faculty members of the concerned departments meet the parents of students with unsatisfactory academic performance.

2.4 TEACHER QUALITY

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

Recruitment of permanent teachers does not come under the purview of the Institution and appointment is done as per the recommendation of College Service Commission, Higher Education Department, Government of West Bengal.

The College does not have any prerogative to allow 'temporary' status to teachers. In the PG section of the Botany department, Guest Lecturers deliver special Semester-wise lectures as per demands of students in particular year. This number is flexible and varies from Semester to Semester.

The college appoints qualified part-time/ guest teachers / contractual/temporary teachers to overcome the deficiencies due to vacant teaching posts following the norms of the concerned university. As a part of selection process in case of temporary teachers/contractual teachers, the college advertises in the local and well circulated newspapers and conducts interview forming a selection committee.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D. Sc./D. Litt.	-	-	-	-	-	-	00
Ph. D.	-	-	08	03	09	07	27
M. Phil.	-	-	02	-	03	02	07
PG	00	00	01	00	08	04	13
Temporary Teachers							
Ph. D.	-	-	-	-	-	-	-
M. Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	18
Part-time Teachers							
Ph. D.	0	00	00	00	00	00	00
M. Phil.	00	00	00	00	00	00	00
PG	-	-	-	-	-	-	22

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The lacunae formed due to retirement of senior teachers is addressed by

- Holding seminars/workshops wherein senior and experienced teachers are invited as resource persons.
- Organizing special lecture classes with invited speakers as per demand in the respective courses.

The Department of Botany offers Post Graduation Course where modern topics like Bioinformatics and Biotechnology are taught as part of the M.Sc syllabus. The teachers have prepared themselves to take classes in these areas with the help of available course materials in the internet, relevant books etc. Besides, an interdisciplinary contribution from other departments to teach statistical aspects and computational analyses has also been there. Apart from this, the department invites renowned teachers in the concerned topics.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

<i>Academic Staff Development Programmes</i>	<i>Number of faculty nominated for different sessions</i>			
	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>
<i>Refresher courses</i>	<i>02</i>	<i>08</i>	<i>06</i>	<i>08</i>
<i>HRD Programmes (FDP)</i>	<i>03</i>	<i>03</i>	<i>03</i>	
<i>Orientation Programmes</i>	<i>03</i>	<i>05</i>	<i>02</i>	<i>02</i>
<i>Staff training conducted by the university</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Staff training conducted by other institutions</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Summer / winter schools, workshops, etc.</i>	<i>01</i>	<i>01</i>	<i>01</i>	<i>01*</i>

** Please refer to the Sub-section 3.4.4 of Criterion III*

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- *Teaching learning methods/approaches*
 - *Handling new curriculum*
 - *Content/knowledge management*
 - *Selection, development and use of enrichment materials*
 - *Assessment*
 - *Cross cutting issues*
 - *Audio Visual Aids/multimedia*
 - *OER's*
 - *Teaching learning material development, selection and use*

Teaching learning methods/approaches

The college provides necessary infrastructural support for using different tools and technology like computer, LCD Projector, Internet facility, different software for improved teaching-learning. A few faculty members of the college are very much acquainted with the system and they actually provide informal training to other faculty members of the college to get them acquainted in using such modern technology.

Handling New Curriculum

The curriculum is framed by the UG Board of Studies of the affiliating University. Some faculties of our college are the members of the Board of Studies. They play a pioneering role in putting suggestion when vast modification in the UG curriculum takes place.

Selection, development and use of enrichment material

The faculties of the institution are aware of selecting and developing study material from enriched learning resources like research journal, valuable references, internet etc. Faculties are also deputed to participate in relevant seminar, workshop etc. to enable themselves improved teaching- learning process.

Assessment

There is system of self assessment reflecting performance of the faculties in the area of academic, administrative and extension activities which are considered for the promotion of the faculty. The Teacher-in-Charge also gives a confidential report about the performance of the faculty and due weightage is given on this report for career advancement/promotion of the faculty.

Cross cutting issues

Emphasis is given on different cross cutting issues like environmental education, climate change, gender related factors, human rights, ICT either within the curriculum or as measure of exposure towards community development through the NCC and NSS wings of the college.

Audio Visual Aids/Multimedia

Most of the faculties are acquainted with the system of using Audio-Visual Aids like LCD projector, computer with internet facility, relevant software packages for preparation of teaching-learning materials.

OER (Open Education Resources)

The college provides open internet facility.

Teaching-learning materials development, selection and use

Teachers of our institute are given free access to internet. This helps them to collect learning material from the internet. College has a well developed library which contains books on various subjects, which are purchased keeping in mind the ability of different category of students to follow, and also the need of the teachers to keep themselves at pace with the modernization in the academic arena.

c) Percentage of faculty

- **invited as resource persons in Workshops / Seminars /Conferences organized by external professional agencies:**

Approximately 2%

- **participated in external workshops / Seminars / Conferences recognized by national/international professional bodies:**

Approximately 10%

- **presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies:**

Approximately 15%

2.4.4 What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

- *The Research Sub-committee and the FDP Sub-committee are there in the college to assist the teachers in applying for FDP and study leaves, intended towards acquiring M. Phil., Ph. D., and Post-Doctoral degrees.*
- *Assistance is given in terms of laboratory, library and internet usage to encourage the teachers to carry out research in collaboration amongst themselves and with other institutes.*
- *The college sanctions leave to faculty members for attending seminars/conferences/workshops and presenting paper.*

2.4.5 Give the number of faculty who received awards / recognition at state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

Nil

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

The college has introduced a format for evaluation of the teachers which has been distributed amongst the students. This student-feedback form is duly acknowledged and assessed to derive conclusion about the positive and negative points in the performance of teaching.

2.5 EVALUATION PROCESS AND REFORMS

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- *Both the teachers and the students are made aware of the evaluation process and reforms through university website, prospectus of the college, meetings of the academic sub-committee, academic calendars, and teacher-student interactions and by holding respective departmental meeting.*
- *Newly admitted students can have guidelines from their departmental teachers regarding syllabus, marks distribution, academic calendar of the university, departmental teaching plan and number of class test to be conducted in a year and its impact on their final examination result in their first few classes.*
- *To acquire idea about the method of evaluation, new students are required to wait for the 1st class test. Answer scripts are shown to the students after the completion of evaluation process. Continuous evaluation methods in the class room are always followed, based on interaction during theory and practical classes.*

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

- ❖ *The College, in itself, cannot actively implement any examination reforms although inputs are given regularly to the affiliating University which in turn helps the authorities to reshape the system.*
- ❖ *The College is affiliated to the University of Burdwan. Examination reforms under 1+1+1 system introduced by the university in 2007, syllabus change/re-orientation in any session are also applicable to the College. The examination for each degree (Parts I, II & III) for the 3-year degree course is now held after completion of each year as Part I, Part II, and Part III Examination.*

- ❖ *The University administers the activities of paper setting, moderation, evaluation of scripts and publication of results for the Final Examinations. Our faculty members participate actively in all these academic activities of the university.*
- ❖ *For timely publication of results, the University has introduced the spot evaluation system. The college teachers assess the answer scripts of Final Year U.G. students in the University Guest House. The University provides free food and lodging for the examiners.*
- ❖ *The system of post-publication review of answer scripts is there to redress the grievances of students about the results.*

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

- ❖ *University assigns duties and responsibilities in the process of evaluation to the college teachers according to their teaching experience. College deports those teachers as leave on duty to perform University assignment connected with the evaluation.*
- ❖ *Teachers perform their assignment in conducting practical examination or spot evaluation of answer scripts centrally done at the University. According to the seniority, a teacher is assigned duty to be a head examiner or an examiner in the subject concerned.*
- ❖ *Examination schedules are prepared and published before the Annual Examination. The schedule contains details regarding last dates of class, dates for submission of question papers, marks-lists, result consideration and publication of results.*
- ❖ *The Disciplinary Committee / Center-in-charge of the college take necessary action in case of unfair means adopted by any student in the examination hall.*

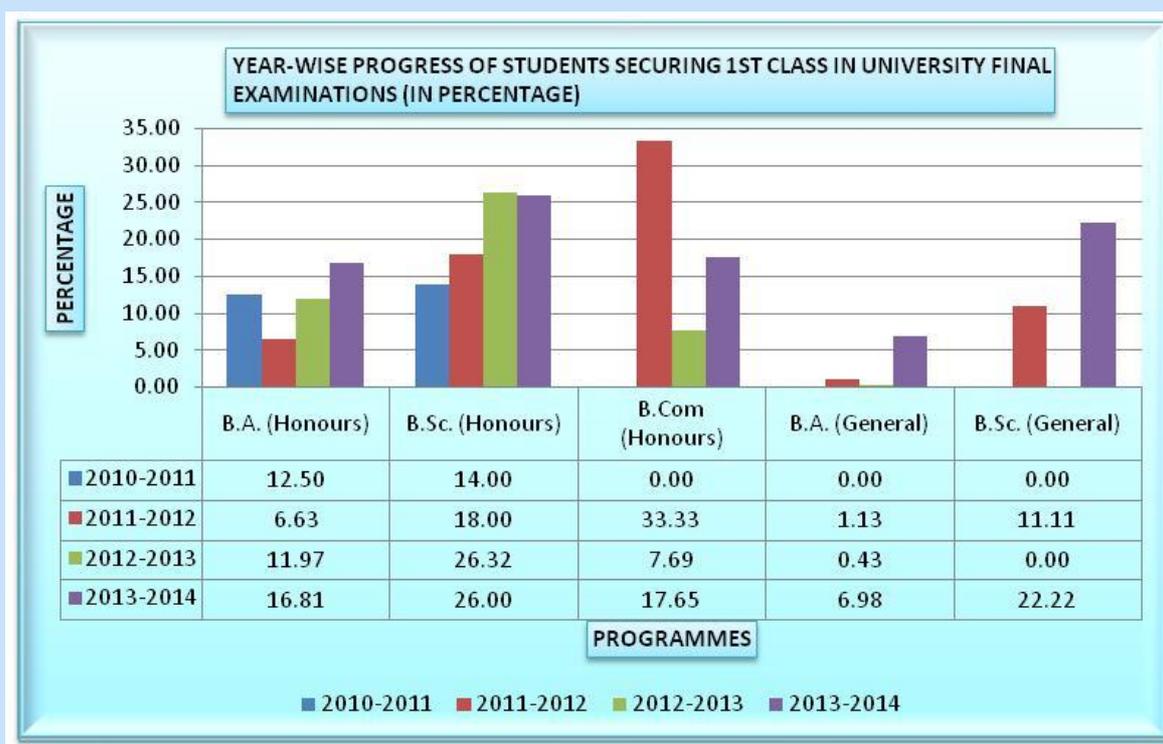
2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

- ✓ *For formative evaluation each department has its own process of assessment system through class tests or unit tests, tutorials, home assignments on the topic covered in classes, presentation of a topic in the class, etc. The students are then advised and counseled to rectify their shortcomings.*
- ✓ *The College arranges for remedial classes for the academically weak students to help them overcome their drawbacks and prepares them to do better in their university examinations.*
- ✓ *There are three summative assessments during the tenure of a full course of study and the University conducts examination at the end of the session for the students to evaluate their year-long learning aptitude. Among the summative evaluation approaches our college can mention holding of final test before the university exams, parent-teacher meetings etc. All these methods of evaluation have a positive impact on the system.*
- ✓ *After the completion of examination of UG, held at various examination centre, Controller of Examination section of the University collects all those scripts and makes arrangements for evaluation at the university or distributes the answer scripts for evaluation at home to the assigned examiners.*
- ✓ *In the evaluation processes, answer scripts are evaluated by one teacher, then scrutinized by another teacher and the total evaluation is verified by the Head Examiner.*
- ✓ *After publication of result, if a student finds any anomalies in the award of marks, he/she can opt for reevaluation with some restriction or apply for viewing answer script through RTI act within the stipulated time prescribed by the University.*
- ✓ *The university results of our College students is exemplary, our students obtain ranks in the university examinations. The system of assessment and evaluation adopted by us has had positive impacts, e.g., those*

students who find it difficult to cope with the honours course after admission in this college are constantly monitored and guided and in many instances they are found to do fairly well in the final examinations of the University.

A few examples showing positive impact of formative and summative approach on the system:

- In 2010-11, 11 students out of 12 and in 2012-13, 8 students out of 12 bagged First Class in the Postgraduate level in Botany.
- In Undergraduate level, number of students achieving 1st Class has increased over the years, excepting in the Commerce stream, as represented pictorially below :



2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

As the institution is an affiliated college there is little scope for executing these options. However in order to ensure transparency, answer scripts of all examinations organized by the college / departments are shown to the students, which helps them to identify their drawbacks and mistakes and then suggestions are given to improve their performance. The students are addressed individually regarding their performance in internal examinations of the college.

Although formally the college cannot assign any weightage for behavioral aspects, independent learning etc., students are encouraged to participate in various extra-curricular activities within and outside the college for their overall development.

2.5.6 What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The College tries to mould the personality of the students by developing their talents and skill. All the faculty members of the institute are well aware of their responsibilities and obligations to the society and nation. They work hard to

impart moral, cultural, intellectual, social and spiritual knowledge among the students. The graduate attributes desired include

- Advancement of learning accompanied by modern teaching aids,
- Provision of need based higher education to cope with the changing requirements of the society
- Consistent and excellent academic performance
- Openness towards career orientation
- A holistic approach to education.

The stated mission and vision of the College addresses these attributes and the college ensures it through its sustained excellence in academic programmes; its career oriented courses and its career counseling cell. With these attributes the graduate students of this institution are able to contribute to the national development and to foster global competencies through achievement and fulfillment of our objectives.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The college always provides necessary help to the students seeking redressal of grievances relating to the evaluation.

- ✚ Students are addressed individually regarding their performance for internal examinations of the college.
- ✚ The answer scripts are shown to the students to let them see their drawbacks and mistakes and suggestions are given to improve their performance.
- ✚ Our college strictly adheres to the evaluation rules and regulation laid down by the University of Burdwan. In case any grievance crops up regarding the evaluation of a paper of University final examination, college has a systematic procedure for its redressal. Students have to apply by satisfying some conditions with the prescribed fees for re-evaluation to the controller of examination, the University of Burdwan through the Teacher-in-Charge of the college. University re-evaluates those papers as per forwarded applications and issues marks sheet for change in marks. With the surrender of earlier marks-sheet they can obtain a fresh marks-sheet.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Does the college have clearly stated learning outcomes? If 'yes', give details on how the students and staff are made aware of these?

Learning outcome may be referred to as a combination of the two interrelated aspects of the teaching-learning process:

- 1) Immediate quantifiable outcome in terms of the students' performance (results) in the University Examinations and their access to higher education/gainful employment,
- 2) Long term qualitative achievement in turning the college students to well equipped, culturally conscious, morally upgraded, socially modern and both locally and globally competent human beings.

Both these two aspects are intermingled and stated clearly in the "mission of the college" section of our College Prospectus and also uploaded in the college website.

All the stakeholders are made aware of these through classroom teaching, combined meetings of the teachers, office staff and students, parent-teachers' meetings and through programmes like freshers' welcome function, college social welfare function, annual prize giving ceremony etc.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the

students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

Achievements and scores of departmental class tests and unit tests are analysed in the departmental meetings. Performance in Annual/Test Examinations is recorded in college data base and the poor performers are interacted sometimes in presence of their guardians. They are advised to toil hard for a better score in University Examinations. Results of the University Examinations are displayed in the college notice board. Thereafter, results are analysed and discussed in the meetings of Academic Council and Teachers' Council.

Results of the University Final Examinations for the last four sessions are briefed in the following simple statistical presentations:

Student Profile Programme/ Course-wise (2010-2011)

Stream	Name of the Programme	Application Received/ Registered	Appeared		Appeared		No. of students Passed		Fail	PNC	Pass %
			Individual	Total	Male	Female	1 st Class	2 nd Class			
B.Sc.	Physics	157	15	70	8	7	5	10	0	0	100
	Chemistry		18		14	4	4	14	0	0	100
	Maths		19		11	8	0	19	0	0	100
	Botany		3		1	2	0	3	0	0	100
	Zoology		2		0	2	0	2	0	0	100
	Physiology		1		0	1	0	1	0	0	100
	Nutrition		12		6	6	1	11	0	0	100
B.A.	Bengali	245	38	183	21	17	6	31	1	0	97.3
	English		34		15	19	1	24	1	1	73.53
	Geography		13		12	1	1	12	0	0	100
	History		32		18	14	3	28	0	1	96.87
	Political Science		14		6	8	0	12	1	1	85.71
	Economics		0		0	0	0	0	0	0	0
	Philosophy		15		3	12	1	6	3	5	41.17
	Sanskrit		37		16	21	7	26	1	3	89.18
	Physical Education		0		0	0	0	0	0	0	0
B.Com.	Commerce	24	13	13	11	2	0	10	3	0	76.92
General	B.A. (General)	522	447	447	305	142	0	248	140	59	55.48

B.Sc. (General)	53	8	8	6	2	0	5	2	1	62.5
B.Com (General)	12	10	10	9	1	1	5	2	1	60

Student Profile Programme/ Course-wise (2011-2012)

Stream	Name of the Programme	Application received// Registered	Appeared		Appeared		No. of students Passed		Fail	PNC	Pass %
			Individual	Total	Male	Female	1 st Class	2 nd Class			
B.Sc.	Physics	146	15	72	13	2	3	10	1	1	86.66
	Chemistry		15		10	5	2	10	2	1	80
	Maths		20		12	8	4	12	4	0	80
	Botany		4		3	1	0	2	1	1	50
	Zoology		13		8	5	0	2	7	4	15.38
	Physiology		0		0	0	0	0	0	0	0
	Nutrition		5		4	1	0	4	0	1	80
B.A.	Bengali	292	44	232	18	26	2	39	2	1	93.18
	English		40		13	27	3	31	5	1	85
	Geography		17		12	5	4	10	1	2	82.35
	History		30		23	7	0	23	3	4	76.66
	Political Science		17		7	10	1	12	1	3	76.47
	Economics		1		1	0	0	1	0	0	100
	Philosophy		20		10	10	0	7	7	6	35
	Sanskrit		40		15	25	2	30	6	2	80
	Physical Education		23		21	2	0	16	1	6	69.57
B.Com.	Commerce	22	17	17	9	8	5	10	0	2	88.23
General	B.A. (General)	790	458	458	231	227	3	325	120	10	71.62
	B.Sc. (General)	61	14	14	9	5	1	8	1	4	64.29
	B.Com (General)	7	6	6	4	2	1	4	0	1	83.33

Student Profile Programme/ Course-wise (2012-2013)

Stream	Name of the Programme	Application received/ Registered	Appeared		Appeared		No. of students Passed		Fail	PNC	Pass %
			Individual	Total	Male	Female	1 st Class	2 nd Class			
B.Sc.	Physics	148	15	88	11	4	2	5	7	1	46.67
	Chemistry		15		9	6	2	9	3	1	73.33
	Maths		25		17	8	3	18	3	1	84
	Botany		12		3	9	1	1	6	4	16.67
	Zoology		12		6	6	1	6	5	0	58.33
	Physiology		6		3	3	0	5	1	0	83.33
	Nutrition		3		2	1	1	1	0	1	66.67
B.A.	Bengali	292	39	193	20	19	9	25	2	1	87.18
	English		29		15	14	2	24	1	2	89.66
	Geography		15		8	7	2	9	2	2	73.33
	History		27		20	7	0	23	3	1	85.19
	Political Science		12		7	5	0	9	1	2	75
	Economics		0		0	0	0	0	0	0	0
	Philosophy		11		3	8	2	8	0	1	90.91
	Sanskrit		39		17	22	2	35	1	1	94.87
	Physical Education		21		18	3	0	9	3	9	42.86
B.Com.	Commerce	24	16	16	13	3	1	14	1	0	93.75
General	B.A. (General)	785	489	489	301	188	1	233	160	2	47.85
	B.Sc. (General)	68	18	18	15	3	0	14	3	1	77.78
	B.Com (General)	14	11	11	8	3	2	5	3	1	63.64

Student Profile Programme/ Course-wise (2013-2014)

Stream	Name of the Programme	Application Received/ Registered	Appeared		Appeared		No. of students Passed		Fail	PNC	Pass %
			Individual	Total	Male	Female	1 st Class	2 nd Class			
B.Sc.	Physics	120	20	103	14	6	2	14	3	1	80
	Chemistry		28		20	8	1	19	5	3	71.43
	Maths		23		16	7	2	19	1	1	91.3
	Botany		13		7	6	3	4	2	4	53.85
	Zoology		5		0	5	1	0	1	3	20
	Physiology		3		3	0	1	1	0	1	66.67
	Nutrition		11		1	10	3	7	0	1	90.91
B.A.	Bengali	197	43	191	13	30	5	34	1	3	90.70
	English		33		17	16	2	17	13	1	57.58
	Geography		11		8	3	3	8	0	0	100
	History		28		20	8	3	21	2	2	85.71
	Political Science		11		7	4	0	5	5	1	45.45
	Economics		2		2	0	1	1	0	0	100
	Philosophy		6		1	5	1	5	0	0	100
	Sanskrit		34		10	24	2	19	11	2	61.76
	Physical Education		23		17	6	3	9	11	0	52.17
B.Com.	Commerce	26	19	19	14	5	3	14	1	1	89.47
General	B.A. (General)	938	349	349	184	165	15	200	60	5	61.60
	B.Sc. (General)	81	18	18	13	5	2	8	6	2	55.55
	B.Com (General)	14	12	12	10	2	1	8	2	1	75

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

To achieve the desired outcome in the teaching-learning process as stated in the mission of the college, the strategies adopted are always student-centric. Since majority of the students come from villages and backward areas, with poor knowledge-base and economically disadvantageous background, teachers are always patient, thoughtful and co-operative in designing and implementing traditional as well as modern method of teaching.

In the very beginning of each academic session, a few introductory classes are conducted for each of the Honours and General programmes. The basic objective of the particular programme, overall outcome of the teaching-learning process, curriculum, routine, general discipline of the college and the evaluation processes are discussed in these interactive sessions. The newly admitted students are thus made to feel free and homely enough to discuss their problems in the due course of learning process. This mutual understanding among the students and teachers form the basis of our teaching-learning strategy.

The teachers give special stress on the regular practices with formal lessons and motivate the students accordingly. Regular class tests and unit tests are arranged to keep a track on their progress.

For 'outside classroom' education emphasis is given to develop aptitude for general reading using the central library, departmental library and the INFLIBNET. For developing scientific skills, research aptitude, socio-political awareness, student participation in seminars, workshops, exhibitions, model building competitions, mock parliaments etc. are encouraged. For professional career counseling, entry-in-service cell conduct special coaching and mock tests for different competitive examinations. Career counseling cell helps students in getting acquainted with the job market.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude I developed among students etc.) of the courses offered?

In the introductory classes the teachers make the students aware of the social and economic relevance of the course.

The career counseling and placement cell of the college gives information to the students regarding job opportunities in different spheres. Students are also trained on how to prepare effective curriculum vitae to apply for jobs. The cell makes contacts with various companies for campus interviews and also arranges off campus interviews.

IGNOU offers different job oriented degree and diploma courses like Bachelor of Computer Application, Post Graduate Diploma in Rural Development, Certificate in Rural Development, Certificate in Nutrition and Child Care, Diploma in Nutrition and Health Education, Certificate in functional English etc.

Uses of computers, laptops, internet, overhead projectors, smart boards etc. regularly in the laboratory based subjects and occasionally in other subjects make the teaching-learning process more oriented towards modern changes and practical needs.

NSS unit of the college organizes a socio-economic survey and medical camp in a selected nearby village or locality.

NCC unit also helps developing entrepreneurship, courage and sportsman spirit among the students.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

As mentioned earlier in section 2.2.6, the college does collect, analyze and use the data on academic performance of the students for chalking out strategies towards overcoming different barriers of learning (drop-outs, poor academic quality of the students, lack of initiative and enthusiasm, etc.):

- *So far as the Annual Examinations of the college are concerned, different departments collect and maintain data in the individual departmental records and also in the office database. Data are also collected and recorded from the marks-sheets of the University Examinations in the office database. Administrative staffs of the office extend their co-operation in this whole process.*
- *Data are analyzed statistically by the Heads of different departments and the analyses are assembled and placed in the meetings of Academic Sub-committee and Teachers' Council.*
- *The trend analysis is used for planning and execution to achieve the stated goal and mission of the institution.*

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Our college has various Monitoring Systems, with a significant role played by the IQAC:

Academic Monitoring:

The academic performance is monitored by observing students' performance in the classroom through class test, discussions & interactions in class and home assignments. Monitoring is also done by observing their performance in the final University examinations in every session taking both theoretical and practical aspects into consideration.

Teachers usually communicate weakness of the students in the subject, the topics to be studied rigorously and ask them to meet the concerned expert teachers beyond class hours. Students have also free access to the teachers for any kind of clarification.

Regularity:

Regularity of the students is monitored by recording attendance in every class. A minimum percentage of attendance, as stipulated by the University of Burdwan, is required to continue with the Honours course of their first choice. Also a stipulated percentage of attendance is required for appearing the University Examinations. Students are made aware and cautioned to fulfill the eligibility criteria in connection with attendance.

Disciplinary Vigilance:

Issues like students' punctuality, maintenance of a clean college campus, students' code of conduct, avoiding unhealthy students' policies, etc. are covered by the Disciplinary Sub-committee.

The progress and performance of the students, as envisaged through the above three monitoring systems, are communicated to the guardians in the guardian-teachers meeting called in every session. Apart from this, all the staffs are continually involved in students' physical and emotional well-being through continuous counseling and offer help as and when necessary.

Our College ensures the achievement of learning outcomes by:

- *Finding slow and advance learners and making policies to improve their learning outcomes*
- *Conducting class tests, holding discussions in the class room.*
- *Organizing seminars etc.*
- *Taking remedial classes*
- *Laying stress on written assignments*
- *Taking feedback from students*

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes', provide details on the process and cite a few examples.

The strategies of teaching, learning and assessment and its structuring are determined by the learning outcome and these strategies of this institution are integrative in order and consistent. They are designed in a way to ensure that the learning outcomes are successfully achieved. The IQAC and the Academic Sub-committee take sufficient initiative for

planning and mapping to facilitate the achievement of the intended learning outcomes. It is also ensured that there is essential balance between lectures, seminars, and independent and collaborative learning activities in the programme.

As students coming from different social and cultural background learn in different ways, assessment is designed as an inclusive strategy that accommodates all students. The assessment strategy also provides the students opportunities to self-monitor their own progress. In case of inability of a student to achieve learning outcome, remedial coaching, counseling classes, are adopted to improve the situation.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

As discussed in the teaching- learning criterion, following conclusive remarks can be made:

- 1. We maintain a transparent admission and evaluation process.*
- 2. A fruitful interactive introductory class is there to encourage the students to the next level of academia.*
- 3. The college provides a healthy combination of traditional and modern teaching method with a flexible approach towards betterment all the while.*
- 4. Special attention is given towards the socio-economic orientation of the students.*
- 5. Continuous up gradation of all the stakeholders stands as the ultimate motto of the institution.*

This college has a long history of serving as an academic centre in this area. Though there have been a lot of hurdles in terms of financial constraints, connectivity with big cities, social and other issues but we have been successful in keeping our focus on providing quality education to our students. The utmost importance of this institution has always been student-centric and the institution itself is can be compared to a big family where the youngest members are nurtured with all possible care and none is ignored. We believe that proper values or knowledge can be inculcated in the young minds only if approached with a personal touch.

CRITERION - III

RESEARCH CONSULTANCY AND EXTENSION

3. RESEARCH, CONSULTANCY & EXTENSION

3.1 PROMOTION OF RESEARCH

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

No, the institution does not have any recognized research center as such either of the affiliating University or of any other agency/organization. Ours is primarily an undergraduate teaching institution where B.A. /B.Sc. /B.Com Honours and General degree courses are taught. However, the affiliating University (The University of Burdwan) has a center in our college where regular PG course in Botany is offered. Our institution also serves as a center of the Vidyasagar University for teaching PG courses in Humanities and Literature under distance mode. The college has a Special Study Center of IGNOU, which offers professional and job-oriented programmes like BCA, PGDRD, CRD, CNCC, CIC, DNHE, CFE etc.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

- Yes, the institution does have a research committee to monitor and address the issues of research. The Research Committee works in association with the IQAC and the UGC Committee of the college to address various aspects of research promotion. At its regular meetings with the IQAC and the UGC committee members, the Research Committee explores all possible avenues to apply for grants to promote research. The Research Committee holds meetings with the IQAC and the UGC committee members and experts from various disciplines at the time of organizing national and state level seminars and workshops by any department to chalk out the blueprint of the events.
- Composition of the Research Committee**

RESEARCH COMMITTEE, RAMANANDA COLLEGE, BISHNUPUR

FUNCTIONARIES	NAME
Chairperson	Sri Arup Kumar Ghosh, Teacher-in-Charge
Conveners	Dr. Debanka Sekhar Misra
Members	Dr. Ajit Kumar Datta, Dr. Goutam Biswas, Dr. Prasanta Kr. Patra, Dr. Sujit Kr. Dutta, Dr. Baibaswata Bhattacharjee, Dr. Swarup Kumar Jana, Dr. Kamala Das, Dr. Narendra Ranjan Malas, Dr. Prafulla Kumar Das, Dr. Chirashree Mukherjee

- The following are a few recommendations made by the committee for implementation for promotion of research in the institution:

Recommendations Made by the Research Committee

- Teachers to be encouraged to complete Ph.D., to undertake post-doctoral and collaborative research.
- Circulars inviting minor and major research project proposals from different organizations such as the UGC, DST etc. to be accessibly displayed and timely brought to the notice of those concerned.
- Circulars / invitations regarding seminars/ conferences/ workshops to be timely forwarded to the departments and concerned teachers thereby helping in forging relationship with other institutions organizing those events from time to time.
- To encourage different departments to organize national and state level seminars and workshops, regularly arrange invited speeches by eminent personalities from various fields.
- For developing research culture among the students, efforts be made to actively involve the students in seminars/ conferences/ workshops organized by different departments of the college, arrange field tours and ensure participation therein.
- Research Committee to regularly monitor on-going research projects and sort out difficulties faced, if any, in carrying out the research work.

- **Impact**

There has been a significant improvement in the overall attitude of those concerned towards research and research related activities in the institution in recent years. Slowly but surely the institution has witnessed the development of a research culture since last NAAC visit (2007). The following areas can be highlighted as an evidence of this.

AREAS	IMPACT
Enrollment for & Completion of Ph.D by the Faculty since the Last NAAC Visit (2007)	Fifteen (15) teachers of different departments have availed Teacher Fellowship under the FIP/FDP Scheme of the UGC for completing their Ph.D at various universities and institutions of repute. Out of them seven teachers have completed their work and obtained Ph.D. degree; four teachers are at the final stage of their work and four teachers have just joined and began their run. In addition to this, three teachers have, in recent years, obtained their Ph.D. degree by working as part-time researchers, availing special leave for short periods granted by the college from time to time.
Post-Ph.D& Collaborative Research:	Some of the teachers of the college are engaged in Post-Ph.D.& Collaborative research in various institutions such as Indian Association for the Cultivation of Science ,IIT, Kharagpur, Indian Institute of Advanced Studies, Shimla, The University of Burdwan, Jadavpur University, Vidyasagar University etc.
Publications:	The impact is significantly apparent through the multiple numbers of papers on diverse subjects published by the faculty in national and international journals of repute during the last seven years.
Organization of Seminars/ Workshops / Invited Lectures by Various Departments within the Campus:	A good number of UGC and other agency sponsored national and state level seminars and workshops have been organized by different departments during the last seven years. Apart from the formal national and state level seminars informal seminars and special lectures on areas of interest (local as well as global) are arranged on a regular basis by the departments themselves.

Participation in Seminars/ Workshops / Conferences Organized by Other Institutions:	In addition to organizing seminars and workshops within the campus, some of our faculty members regularly participate in Seminars/ Workshops / Conferences organized by other institutions.
Minor & Major Research Projects	Three UGC sponsored minor research projects and one major research project funded by ICSSR have been completed by the teachers of this college during the past few years. One minor research project funded the UGC has taken off recently. However, this is a weak area where we need to work upon and improve a lot.
Consultancy	The college, by forming committees like the NSS Unit and the Counseling Cell, has encouraged the staff for consultancy services. The result is seen in a number of seminars, workshops, field visits etc. having been conducted during the last few years. A few teachers have also engaged themselves in consultancy services at the individual level.
Study Circle & Vigyan Parishad	Inspired by the slowly flourishing of research culture within the campus, a Study Circle, named, Bikshan has come up to provide a platform to the students and teachers of Humanities and Social Science departments for academic discourse. A similar organization under the banner Vigyan Parishad has been set up for the students and teachers of Science departments.
Organization of Exhibition, Quiz Contest, Mock Parliament & Science Camp	With a view to developing aptitude and building capacity in terms of research, exhibition, quiz contests, mock parliaments and science camps are occasionally organized where students of different departments participate under the active supervision of the teachers.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and Implementation of research schemes/projects?

The college provides all possible support to its faculty members to encourage them to get involved in various research activities and to facilitate smooth progress and implementation of research schemes/projects undertaken. The measures taken are stated below as per the items/areas specified.

ITEMS/AREAS	MEASURES TAKEN
Autonomy to the principal investigator ✓	The principal investigator is given full autonomy in all matters except over the utilization of facilities provided by the college related to the project. The principal investigator is the pivotal person to plan and structure any project. He/ She usually enjoys full autonomy to utilize the sanctioned grant as per requirement.
Timely availability or release of resources ✓	The authority circulates information regarding research grants available from various agencies in time and through liaisons with funding authorities help prospective researchers to have the grants sanctioned. Prompt disbursement of sanctioned grants is ensured by the head of the institution with the help of supporting staff.
Adequate infrastructure and human resources ✓	Interested researchers are practically encouraged to undertake research projects that could be supported by the existing infrastructure and available human resources of the college. Spaces for research work and supporting staff

	are made available as per requirement of a particular project. The college has submitted XIIth UGC Plan proposal to procure some modern equipment and updated the library and laboratory facilities to cater to the needs of the researchers.
Time-off, reduced teaching load , specialleaveetc.to teachers ✓	Many of the teaching faculties of our college pursue doctoral and post-doctoral research in various research institutions. Teachers are given study leave for a maximum period of three years for completing Ph.D under FDP scheme and are substituted by Full-time temporary teachers as per provision of the UGC. Special leaves are given by the GB of the college for part time basis researchers. The teachers are encouraged to attend and present their research works at the National and International symposium and conferences by providing them duty leaves.
Support in terms of technology and information needs ✓	<ul style="list-style-type: none"> ➤ The College provides laboratory with adequate instrumentation, library (Central & Departmental) and internet facilities to support the prospective researchers in terms of technology and information needs. Some reference books are purchased from time to time and some specified research journals of various fields subscribed from UGC XIth & XIIth plan period of books & Journals grants and also from college funds during last 7 years. ➤ The college has also a Central Instrumentation Facility (CIF) Center with a number of modern scientific instruments from Additional (AGE-capital) grant (equipment) of UGC XIth plan period during 2010-2012 specially to support the research work of teachers and PG students. ➤ The central library has been computerized so that users can access browsing and searching options. Desktop computers and printers have been provided to almost all the departments. Broad Band internet connection is available in all the departments and in the staff room. All the permanent teachers have also been provided personal laptops to carry out personal research work. ➤ For renovation and expansion of laboratories through procurement of modern equipment, college has submitted a complete proposal to UGC in its XIIth plan period during 2013. The existing computer network infrastructure at the college was recently extended and enhanced into an efficient, high-speed for the users. By utilizing the additional grant of UGC (XIth Plan), two new generators (20kVA each) have recently been installed to ensure uninterrupted power supply.
Facilitate timely auditing and submission of utilization certificate to the funding authorities ✓	The institution has established procedures and processes for planning and allocation of financial resources whereby income and expenditure are subjected to regular internal and external audit. Fund allocation and dispensation meetings are held on regular basis which ensures timely audit and utilization certificate generation for external research funds.
Any other ✓	The institution encourages and extends all help possible to promote research activities in the institution.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The college being primarily an undergraduate teaching institution, there is not much scope for research work directly by the students. However, various research oriented activities undertaken within the institution serve to develop scientific temper

among students, give them a feel of what research is all about and provide motivation for taking up research activities in future. This is evident from many of our ex-students being actively involved in research work at various universities and institutions in India and abroad.

For developing research culture among the students, efforts are made to actively involve them in seminars/ special lectures / conferences/ workshops organized by different departments of the college. These provide a platform to the students to meet with researchers from various fields across the country and serve to create interest among them.

PG students (Botany), as a part of their curriculum, are required to undertake project works under the supervision of the departmental teachers. The undergraduate departments of Biological Sciences and Geography arrange field tours and excursions and students of all departments are required to do a project work on environmental issues as per the university syllabus. Also, occasional Science Camps and exhibitions are organized by the students under the guidance of departmental teachers and periodic field studies undertaken as a part of the extension activities of the NSS unit of the college. The project works, science camps, field tours and excursions go a long way in developing aptitudes of the students.

Students are also encouraged to participate in different quiz contests, debates etc. (on or off-campus) related to various disciplines so that they acquire recent knowledge about what's happening in the world around.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

As the college is mainly an undergraduate teaching institution, there are no research students as such in the institution and there is no scope for directly guiding student research by the faculty although some of them are highly capable of doing so. However, most of the faculty members are involved in various research activities in different fields at the individual level or in collaboration at various recognized universities and institutions of the country and abroad.

As mentioned, eleven teachers have completed their research while in service either as a Teacher Fellow (FIP/FDP) or as part-time researchers and obtained their Ph. D degree during the last seven years (see Table 3.1.5A). Six teachers are presently on study leave (FDP) working for their Ph.D. degrees and some teachers are pursuing their Ph.D. work on part-time basis (see Table 3.1.5B). Some of the teachers are pursuing post-Ph.D./collaborative research at various reputed research institutions (see Table 3.1.5C). Also some of the teachers have worked or are working as principal or co-investigator of minor and major research projects funded by different agencies (See Table 3.2.7).

Dr. Asish Kr. Mondal, Assistant Professor of the department of Botany, is an approved and recognized Ph.D. Supervisor under Vidyasagar University. He is now guiding Mr. Arindam Ganguly, Asst. Prof. of the department of Microbiology, Bankura Sammilani College, for his Ph.D. thesis entitled "Assessment of Growth and Nutritional Status of Indigenous Fresh Water Catfish (*Clarias Batrachous* Linn) in Relation to the Application of Newly Isolated Probiotics" registered under the Vidyasagar University (Date of Registration: 21/02/2013).

According to the syllabus of the University of Burdwan, the PG students of Botany are to submit a Dissertation paper. The students of the department have done some research work for the same under Dr. Shyamal Kanti Mallick, Asst. Prof. of the department in the fields of Forest Ecology, Taxonomy and Ethno-medicinal Plants. Some of these works have been published in reputed international and national journals.

Dr. Baibaswata Bhattacharjee, Assist. Prof. of Physics is engaged in collaborative research. He has been working with the Dept. Of Chemical Engineering, National Taiwan University, Taipei, Taiwan on Semiconductor Nanoparticles.

Dr. Tanushree Sahu, Assist. Prof. of Physics is engaged in collaborative research with Dr. Pushpendu Sahu of the Dept. of Physics, Jadavpur University.

Dr. Mousumi Mukhopadhyay (Patra), Associate Professor of the department of Economics, as Consultant Faculty of the

Indira Gandhi National Open University, has supervised three Project Works of the PGDRD (Post-graduate Diploma in Rural Development) students of Ramananda College centre, IGNOU.

Table: 3.1.5A: List of Teachers Who Have been Awarded Ph. D Degree during the Last Seven Years (Since the Last NAAC Visit in 2007)

Department	Name of Faculty	Date of Award	Awarding University	Title of Thesis
Commerce	1. Dr. Uday Chand Das (FIP)	08/01/2008	The University of Burdwan	Management of working capital in selected pharmaceutical companies in India – A study.
	2. Dr. Swarup Kr. Jana (FIP)	16/07/2010	Vidyasagar University	A study on common property Resources in Rural West Bengal
Economics	1. Dr. Prasanta Kr. Patra (FIP)	09/04/2009	The University of Burdwan	A Study of Monetary Policy Through a Macroeconometric Model of the Indian Economy.
English	1. Dr. Narendra Ranjan Malas (Part-time Basis)	09/03/2010	Vidyasagar University	Emphasis and emphatic particles in English and Bangla: A contrastive study at the levels of Phonology, Lexis and Syntax
Botany	1. Dr. Sanjoy Guha Roy (FIP)*	07/03/2009	Kalyani University	Genetic diversity analysis of phytophthora sp. affectcommon tropical crops with rot symptoms.
	2. Dr. Asish Kr. Mandal (Part-time Basis)	23/02/2011	Vidyasagar University	Studies of the Production of the Bacterial Xylanase
	3. Dr. Shamayeeta Sarkar (FDP)	13/12/2013	Kalyani University	Diversity of bacterial wilt causing organisms on crops and weeds in West Bengal
Physiology	1. Dr. Debanka Sekhar Misra (FIP)	27/08/2010	Vidyasagar University	Exercise-induced oxidative stress in some vital tissues and its protection by phytochemical components in male albino rat
Physics	1. Dr. Banashree Ghosh Pal (Part-time Basis)	02/01/2013	The University Burdwan	Microstructure Characterization of some Nano –crystalline Chalcopyrites and Metal Carbides synthesized by mechanical alloying.
Sanskrit	1. Dr. Soma Bhattacharya (Part-time Basis)	08/10/2013	The university of Burdwan	AdvaitavedanterPreksiteMoksattattva O MoksasadhanatattvaSamiksa
Geography	1. Dr. Sumita Mukherjee (FIP)*	12/12/2007	The University of Burdwan	Mining and Industrial Landscape of Asansol city and its environs : A study on Human impact.
	2. Dr. Suvasree Dutta (Dasgupta) (Part-time Basis)	26/08/2014	The University of Burdwan	Gender discrimination in access to health care facilities in West Bengal – A case study of selected towns of Kolkata metropolitan

area.

* Dr. SanjoyGuhaRoy& Dr. Sumita Mukherjee later have left Ramananda College to join West Bengal State University, Barasat and Garia College respectively.

Table: 3.1.5B: List of Teachers Presently Working for Ph. D Degree

Deptt.	Name of Faculty	University /Institute	Title of Thesis	Status
Commerce	1. Sri Tapas Kr.Sarkar (FDP)	The University of Burdwan	Determinants of Capital Structure: A study with reference to selected Indian companies.	Final Stage
English	1. Sri Subhasish Chatterjee (FDP)	The University of Calcutta	Revising the American Western & Thriller with reference to Cormac McCarthy and Stephen King	Final stage
Physics	1. Sri Rajesh Mukherjee (FDP)	Bose Institute, Kolkata	Structural, Optical, Electrical properties of some rare earth based double perovskite oxides	Initial Stage
	2. Mrs. Madhumita Dalal (Part-time Basis)	The University of Burdwan	Magnetic and Mossbauer studies of some bare and encapsulated nanoparticles of spinel ferrites.	Initial Stage
Chemistry	1. Sri Chiranjit Pal (FDP)	The University of Burdwan	Theoretical investigation of organic cyclo addition reactions in presence and absence of catalyst	Initial Stage
Zoology	1. Ms. Nilanjana Chatterjee (FDP)	The University of Burdwan	Seasonal changes in the pituitary and thyroid glands and its interaction with gonadal function in <i>Mystus vittatus</i> (Bloch)	Final Stage
History	1. Sri Bishnupada Malik (Part-time Basis)	The University of Burdwan	Education in Bankura during colonial period : A study from 1840-1947.	Initial stage
	2. Sri Achintya Mandal (FDP)	Vidyasagar University	Banglar pradeshik sashon nitir porjalochona : 1937 - 1947	Initial stage
	3. Sri Mrinal Kanti Dhank (FDP)	The University of Burdwan	Economy and Society of Bankura District in Colonial Period (1881-1947)	Initial stage
	4. Sri Ajit Debnath	The University of North Bengal	The perpetual conflict between tigers and	Initial stage

			human beings-a study of Sundarbans	
Pol. Science	1. Sri Babula Kr. Pradhan (FDP)	Ravenshaw University, Cuttack	Role of NGOs in Rural Development: A case Study of Two Blocks in Puri District	Middle Stage
Physiology	1. Sri Anurag Paramanik (Part Time Teacher)	Vidyasagar University	Cypermethrine induced reproductive & immune toxicity and ameliorative effect of Zinc & Lipoic acid in animal	Middle Stage

Table: 3.1.5C: List of Teachers Pursuing Post-Ph.D Research

Department	Name of Faculty	Name of the Institution	Area of Research
Physics	1. Dr. Baibaswata Bhattacharjee	National Taiwan University, Taipei	Thin film , Semiconductor Nanoparticles, Nanotoxicity
	2. Dr. Tanushree Sahu	Jadavpur University, Kolkata	Materials Science
	3. Dr. Banashree Ghosh Pal	Burdwan University	Nano –Crystalline Characterization
Chemistry	1. Dr. Kartick Gupta	Kalyani University, Kalyani, IIT, Kharagpur and BARC Mumbai	Theoretical Chemistry
English	1. Dr. Narendra Ranjan Malas	UGC-Inter-University Centre for Humanities & Social Sciences, IIAS, Shimla	Comparative Linguistics
Botany	1. Dr. Shamayeeta Sarkar	DAIICT, Gandhinagar and IRSI, Kolkata	Molecular plant pathology, Bio NLP

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/ organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

A significant number of UGC, DST and other reputed funding agency sponsored national and state level seminars and workshops have been organized by different departments during the last seven years with focus on capacity building in terms of research and imbining research culture among the staff and students. Some of them are interdisciplinary in nature and in collaboration with other institutions aimed at forging inter-departmental and inter-institutional relationship.

Apart from the formal national and state level seminars, informal seminars and special lectures on areas of interest (local as well as global) have been arranged by the departments themselves. (Details given in Table: 3.1.6A below).

The diversity of topics addressed in these seminars and workshops and the eminent resource persons who illuminated these events speak for our motto and our earnest and conscientious attempt to sensitize the students and teachers and constantly apprise them of the latest developments and challenges in higher education and research and professional prospects in each individual subject. Seminars and academic discourses organized by the Study Circle, Bikshan (Table: 3.1.6B) and the Vigyan Parishad on a regular basis also help the cause of imbining research culture among the students and teachers.

Table: 3.1.6 A: National/State Level Seminars / Workshops etc. Organized by Various Departments of the Institution during the Last Seven Years

Seminars/ workshops	Organizing Department	Collaborating Dept./Institution	Sponsoring Agency	Date(s)
Lecture Workshop on Concepts of Chemistry	Dept. of Chemistry	-----	IAS(Bangalore), INSA(New Delhi), NAS(Allahabad)	28-30 Sept, 2007
State level Seminar on "Biodiversity and the Need for its Conservation"	Dept. of Botany	Dept. of Zoology	West Bengal Biodiversity Board	1 st Feb., 2008
National Environment Awareness Campaign on Biodiversity Conservation	Dept. of Botany	Dept. of Zoology	Ministry of Environment & Forest, Govt. of India	28 th Jan-07 th March, 2008
State level Seminar on "Recent Advances in Material Science (SSRMS-I)"	Dept. of Physics	SINP, Kolkata Jadavpur University, Kolkata, Burdwan University, NIT Durgapur	UGC	27 th & 28 th March, 2008
Seminar on "Why is the Black -hole Hot?"	Dept. of Physics	SINP, Kolkata	College Fund	2 nd Dec. 2008
Seminar on "Lasers & Their Applications in Science & Technology"	Dept. of Physics & Chemistry	BARC, Mumbai	College Fund	16 th Dec., 2008
National Seminar on "Insights into Cardiac Problems & its Management"	Depts. Of Physiology & Nutrition	N.M. Basu Memorial Committee, Kolkata	Partially supported by N. M. Basu Memorial Committee, Kolkata & Partially supported by the staff and students of the associated department	11 th Feb. 2009
Seminar on "The Present Scenario in Higher Education: Prospects & Challenges"	Primary Units, WBCUTA, Ramananda College	Primary Units, WBCUTA, Ramananda College	12 th Sept. 2009
State level Seminar on "Nanomaterials: Synthesis & Application"	Dept. of Physics	Burdwan University, IACS, Kolkata, BIT, Misra, Ranchi.	UGC	08 th Sept. 2010
National Seminar on " Social Security vs. Human Rights in India: An	Dept. of Pol. Science	Depts. Economics, History, Bengali, English & Sanskrit	UGC	25 th & 26 th Sept. 2010

Introspection"				
Lecture Workshop on "Interdisciplinary Physics: Some basic Aspects"	Dept. of Physics	S.N Bose National centre for Basic Sciences, Kolkata, IACS, Kolkata, Bose Institute, Kolkata and IIT, Kharagpur.	Joint Science Education Programme of IASc (Bangalore), INSA (New Delhi), & The NASc, India (Allahabad)	06 th & 07 th Jan. 2011
Seminar on "Rabindranath: Jibane O Srishtikarme"	Dept. of Bengali	The University of Burdwan	UGC	25 th March, 2011
National Seminar on "Emerging Trends in Biophysical Researches"	Dept. of Physics and Depts. of Biological Sciences (Botany, Zoology & Physiology)	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, IOP, Bhubaneswar, J U, Bose Institute, Kolkata, IIT, Kharagpur and S.I.N.P, Kolkata	UGC	12 th & 13 th Sept., 2011
State Level Seminar on "Heritage of Bishnupur"	Dept. of History	Jogesh Chandra Purakirti Bhaban, Bishnupur	UGC	22 nd & 23 rd Sept., 2011
Seminar on "Chemistry: Our Life & Future"	Dept. of Chemistry	Midnapur Science Center, Midnapur	DST	3 rd Dec., 2011
State Level Seminar on "Works & Contributions of Eminent Personalities of Bankura District"	Dept. of History	PaschimRarhItihas O Sanskriti, Bankura	UGC	3 rd & 4 th Feb., 2012
National Seminar on "Chemistry for Life & Future"	Dept. of Chemistry	Dept. of Chemistry, Burdwan University	UGC	30 th & 31 st March, 2012
Seminar on "Protection of Hypertension & Stroke"	Depts. of Physiology & Nutrition	Ramkrishna Math, Bishnupur, Bankura	Ramananda College, Students, Teaching & non- teaching staff, and well wishers	9 th Feb., 2012
State Level Seminar on "Some Approaches in Mathematical Discipline"	Dept. of Mathematics	Dept. of Mathematics, Burdwan University	UGC	19 th March, 2012
Nimbarka Philosophy and Universalism	Deps. Of Sanskrit	The World Nimbarka Parishad and the Dept. of	The World Nimbarka Parishad and Shri Shri Dhananjay Das Kathia	28 th and 29 th November, 2012

		Philosophy, Ramananda College	Baba Seva Samity Dakaisini, Asthal, Beliatore, Bankura	
National Seminar on "Colonialism, Post Colonialism & Beyond"	Depts. of English, Bengali & Sanskrit	D.D.K. Mahavidyalaya, Bhara, Bisnupur	UGC	27 th & 28 th Sept. 2013
Seminar on "Remote Sensing and GIS techniques for natural resources and Disaster Management"	Dept. of Physics and Dept. of Geography	Lunknow, U.P	College Fund	26 th Nov., 2013
UGC Diamond Jubilee Seminar on "Past, Present & Future Endeavours of UGC in this Country since Independence & Role of UGC in College Education System.."	Teaching & Non-teaching Staff & Students of Ramananda College	Kalyani University	College Fund	7 th Jan., 2014
Seminar on "Application of Remote Sensing & GIS & GPS at a Glance"	Dept. of Geography	DST- WB, Bikash Bhawan, Kolkata	College Fund	8 th Jan., 2014
Two -Day Science Camp on "Learning by Doing: Science Mysteries Demystified"	Departments of Pure Science and Bio-Science	S. I. N. P Kolkata, City College and Vivekananda College, Kolkata	CARE, Saha Institute of Nuclear Physics, Kolkata & Dept. of Science and Technology (DST), West Bengal, Kolkata	8-9 th January, 2014

Table: 3.1.6 B: Some Noteworthy Seminars/Academic Discourses Organized by the Study Circle, Bikshan during the Past Few Years

Seminar Topic	Speaker	Dept.	Date
ShatabarsherAaloyRadhamohan Bhattacharya	Sri. Anjan Bandyopadhyay	Bengali	20 th Nov., 2008
Itihas, Oitihasi O PrasangikAalochana	Sri. AchintyaMandal	History	16 th Dec., 2008
Rural—Rural Migration: A Primer	Dr. Prasanta Kr. Patra	Economics	10 th Feb., 2009
Malla-shasan: EktiParyabekshan	Sri. GourapadaSen	History	11 th Aug., 2009
Bangla SahityePrathamAatmajibane: EktiBikshan	Ms. BinapaniGhosh	Bengali	1 st Oct., 2009
Jaatirashtra O Bishwayan	Sri. Sarbajit Roychoudhury	Pol. Science	21 st Dec., 2009

Constitutional Provisions for the Protection of Human Rights in India	Dr. Prafulla Kr. Das	Pol. Science	31 st July, 2010
BankimchanderBhasaarAadhunikata	Dr. Kamala Das	Bengali	20 th Aug., 2010
UdbhiderBayah-briddhijanitaKshay O Mrityurahasya	Dr. Arun Kr. Biswas	Ex-Principal (Botany)	21 st Sept., 2010
The Modern Indian Theatre and the Plays of Mahesh Dattani	Sri. AvinandanMalas	English	15 th Nov., 2011

3.1.7 Providedetailsofprioritizedresearchareasandtheexpertise availablewiththeinstitution.

As stated earlier, the institution is neither a recognized research institution nor does it have any research center of the affiliating university or any other institution, but most of our faculty members are actively involved in research activities at the individual level. Details of research areas and expertise domain of different faculty members are given in the following table.

Table-3.1.7: Department-wise Prioritised Research Areas & Expertise Domain of Faculty

Department	Name of Faculty	PrioritizedResearchAreas& Expertise Domain
Physics	1. Dr. Goutam Biswas	Characterization of Nano- materials and their Applications
	2. Dr. Mrityunjoy Ghosh	Low temperature Polymer Physics
	3. Dr. BaibaswataBhattacharjee	Thin film, Nanomaterials and Nanotoxicology
	4. Dr. Tanushree Sahu	High Energy Physics, Quantum Mechanics, Semiconductor Physics, Artificial Photosynthesis, Atomic & Molecular Spectroscopy
	5. Sri Rajesh Mukherjee (On Study Leave)	Experimental Condensed Matter
	6. Dr. Banashree Ghosh Pal	Nano Carbides & Chalcopyrites
	7. Ms. Madhumita Dalal	Magnetic Nanomaterials
	8. Dr. Shyamal Kanti Pal (Substitute Teacher)	Non linear Optics
Chemistry	1. Dr. Kartick Gupta	Magneto Chemistry, Mixed Valent and Mixed Metal Compound in Bio-inorganic Chemistry
	2. Dr. Sujit Kr. Dutta	Density Functional Theory, Electronegativity, Atomic and Molecular Clusters, Acidity and Basicity.
	3. Dr. Ajay Kr. Manna	Synthesis and Characterization of Polymers and Bio-polymers, Biodegradable Polymers, Natural Polymers.
	4. Dr. Mahuya Patra (Roy)	Natural Product Chemistry & Synthetic Organic Chemistry
	5. Dr. Samir Kr. Maji	Radio analytical Chemistry
	6. Sri Chiranjit Pal (on Study Leave)	DFT and Photo-physical Study
	7. Dr. Surajit Saha (Substitute Teacher)	Theoretical investigation on quantum dots

Botany	1. Dr. Ajit Kr. Datta	Cytology
	2. Dr. Asish Kr. Mondal	Microbial Enzymology & Fish Probiotics
	3. Dr. Shyamal Kanti Mallick	Ecology; Taxonomy; Biodiversity; Ethnomedicinal Plants
	4. Dr. Shamayeeta Sarkar	Molecular Plant Pathology, horizontal gene transfer and pathogenecity, Bio NLP
Zoology	1. Dr. Paresh Chandra Paul	Fish & fisheries
	2. Ms. Nilanjana Chatterjee (on Study Leave)	Fish endocrinology, Nanotoxicity
	3. Sri Prakash Kr. Santra	Isozyme pattern analysis
	4. Dr. Pallab Ray (substitute Teacher)	Cell Biology & Cancer.
Physiology	1. Dr. Debanka Sekhar Misra	Stress Physiology
	2. Sri Anurag Paramanik (Part Time Teacher)	Reproductive and Immune Toxicity
English	1. Dr. Narendra Ranjan Malas	Comparative Linguistics , ELT, Indian English Drama , Caribbean Poetry
	2. Sri Subhasis Chattopadhyay	Popular Culture Studies, Literature & Religious Studies
	3. Sri Somnath Kundu (Part-Time Teacher)	Indian Writing in English & Modern British Drama.
Bengali	1. Sri Anjan Kr. Bandyopadhyay	Comparative Literature, Poetry
	2. Dr. Kamala Das	Kathasahitya, Vaisnabsahitya
	3. Mrs. Binapani Ghosh	Vaisnabsahitya, Mangal Kabya, Rabindrasahitya
	4. Sri. Tamal Bandhyopadhyay	Modern Literature (1950 -), Prose of Swami Vivekananda
	5. Sri. Ashok Mandal	Drama, Folklore, Ramayana, Mahabharat
	6. Sri. Siddhartha Datta	Rabindrasahitya, Kothasahitya
Sanskrit	1. Dr. Soma Bhattacharya	Advaita Vedanta
	2. Dr. Gour Baran De	Vedic Literature
	3. Dr. Chirashree Mukherjee	Linguistics & Grammar; Literature
Economics	1. Dr. Mousumi Mukhopadhyay (Patra)	International Trade, Development Economics & Indian Economic Problems
	2. Dr. Prasanta Kr. Patra	Macroeconomics & Policy, Development Economics & Econometric Applications
Geography	1. Mrs. Suvasree Dutta (Dasgupta)	Urban Geography, Regional Development
	2. Sri Rajesh Kumar Guin	Urban Geography
	3. Mrs. Smita Banerjee (Part-Time)	Urban Geography
History	1. Sri Bishnupada Malik	Social, Political and Educational History of India.
	2. Sri Achintya Mandal	The History of Chile and Political History of India
	3. Sri Mrinal Kanti Dhank	Social, Cultural and Economic History of India.
	4. Sri Ajit Debnath	Social and Cultural History of India.
	5. Sri Purnendu Bhattacharyay (PTT)	Social and Cultural History of India.
	6. Sri Tapash Kumar Nandi (PTT)	Social and Political History of India.
	7. Sannyasi Samanta (Substitute Teacher)	Economic and Political History of India.
Political Science	1. Sri Babula Kr. Pradhan	Rural Development
	2. Dr. Prafulla Kr. Das	Development Studies
Philosophy	1. Dr. Kritidipa Dutta	

Commerce	1. Sri AsitBaranDikpati	
	2. Sri Arup Kr. Ghosh	
	3. Dr. Uday Chand Das	Working Capital Management
	4. Dr. Swarup Kr. Jana	Rural development
	5. Sri Tapas Kr. Srakar (On Study Leave)	Determinants capital Structure
	6. Sri Manojit Saha	Financial Performance Measurement on Power Sector
Nutrition	1. Ms. Gargi Basu	Oxidative Stress and free Radical Biology
Computer Science	1. Ms. AparnaSarkar	Digital Image Processing/Filtering
Physical Education	1. Dipak Kr.Singh	Sports Training

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Different departments of the institution organize national/state level seminars and workshops. In this connection, the faculty members put enough effort to invite distinguished scholars from various fields as resource persons. This provides an opportunity to both teachers and students to interact and exchange views with eminent personalities from various fields and thereby enrich and refresh themselves.

An ex-student from Department of Chemistry of this college, Dr. Rajendra Kr. Mitra, presently acting as a Post-Doctoral fellow at University of Oklahoma Health Science Centre, U.S.A. has delivered a lecture on the topic “Surface engineering on nanoparticles and Nanotherapy for retinopathy” on 26th July, 2013. Another ex-student of Department of Physics, Dr. Amrit Lal Haldar, presently acting as Scientist –SE, Remote Sensing Applications Centre, Uttar Pradesh has delivered a lecture on the topic “Remote Sensing and GIS techniques for applications of natural resources” on 26th November, 2013.

A select list of eminent persons who have visited the college campus and helped to develop awareness about the nature and prospects of emerging research among the teachers and students through their active participation as resource persons in the seminars/workshops during the past few years are given below in Table 3.1.8.

It may be noted in this connection that the PG department of Botany regularly invites specialist teachers from other institutions as guest faculty to deliver lectures to fulfill the syllabus and short seminars on their research areas which also gives an opportunity to the teachers and students of the department to enrich the present scenario of research areas.

Table: 3.1.8: A Select List of Eminent Persons Who Visited the Campus during the Last Few Years

Discipline	Name of Resource Persons of Eminence	Attached To	Date
Physics	1. Prof. AmitavaPatra	Dept. of Material Science, IACS, Jadavpur, Kolkata-700 032.	8th Sept., 2010
	2. Prof. SatyaRanjan Bhattacharyya	Surface Physics Divison, SINP, 1/AF Bidhan Nagar, Salt Lake City, Kolkata-700 064.	8th Sept., 2010
	3. Prof. S.K. Pradhan	Department of Physics, University of Burdwan, W. Bengal, Pin- 713104	8th Sept., 2010
	4. Dr. Samrat Mukherjee	Dept. of Applied Physics, BIT,	8th Sept., 2010

		Mesra, Ranchi	
	5. Prof. Jayanta Kr. Bhattacharyya	Sr. Professor & Dean (Faculty), S.N. Bose National Centre for Basic Sciences, Salt Lake, Kolkata-700 091	January 6-7, 2011
	6. Prof. Indrani Bose	Dept. of Physics, Bose Institute, 93/1, A.P.C. Road, Kolkata -700 009.	January 6-7, 2011
	7. Prof. Soumitra Sengupta	Sr. Prof. & Head, Dept. of Theoretical Physics, IACS, Jadavpur, Kolkata -700 032.	January 6-7, 2011
	8. Prof. Debsankar Ray	Dept. of Physical Chemistry, IACS, Jadavpur, Kolkata -700 032	January 6-7, 2011
	9. Prof. B.K. Chakrabarti	Dept. of Theoretical Condense Matter Physics Saha Institute of Nuclear Physics, Salt Lake City, Kolkata-700 064.	January 6-7, 2011
	10. Prof. Arghya Taraphder	Dept. of Physics, IIT, Kharagpur West Bengal	January 6-7, 2011
	11. Prof. Somendra Mohan Bhattacharjee	Institute of Physics, Bhubaneswar, Orissa	12 -13 th Sept., 2011
	12. Prof. Indrani Bose	Dept. of Physics, Bose Institute, 93/1, A.P.C. Road, Kolkata -700009.	12 -13 th Sept., 2011
	13. Prof. B. N. Das	Associate Prof. (Retired) Dept of Physics, Vivekananda College, Kolkata	8 th -9 th January, 2014
	14. Prof. Montu Kumar Hazra	Associate Prof., Saha Institute of Nuclear Physics, Kolkata.	8 th -9 th January, 2014
Chemistry	1. Prof. P. K Chattaraj	IIT, Kharagpur	28-30 Sept, 2007
	2. Prof. B. M. Deb	IISER, Kolkata	28-30 Sept, 2007
	3. Prof. D. S. Roy	IACS, Jadavpur, Kolkata	28-30 Sept, 2007
	4. Dr. R. Biswas	S.N. Bose National Centre for Basic Sciences, Salt Lake, Kolkata	28-30 Sept, 2007
	5. Retd. Prof. Sukumar Maity	IIT, Kharagpur	3 rd Dec., 2011
	6. Prof. P. K Chattaraj	IIT, Kharagpur	30-31 March, 2012
	7. Prof. J. K. Ray	IIT, Kharagpur	30-31 March, 2012
	8. Prof. S. C. Roy	IACS, Jadavpur, Kolkata	30-31 March, 2012
	9. Prof. D. K. Palit,	BARC, Mumbai	30-31 March, 2012
	10. Dr. C. N. Patra	BARC, Mumbai	30-31 March,

			2012
	11. Prof. D. P. Sarkar	University of Delhi	30-31 March, 2012
	12. Prof. S. Dey	Kalyani University	30-31 March, 2012
	13. DR. Arindam Rana	City College, Kolkata	8th January, 2014.
Mathematics	1. Prof. M. Saha	Mathematics Department, Burdwan University	19 th March, 2012
	2. Prof. G. C. Layek	Mathematics Department, Burdwan University	
	3. Ex. Prof. K. C. Chattopadhyay	Mathematics Department, Burdwan University	
	4. Prof. Manaranjan Maiti	Vidyasagar University	
	5. Prof. Smt. M. Mazumdar	Mathematics Department, Calcutta University	
Bio --Science	1. Prof. Sampa Biswas	Crystallography & Molecular Biology Division, SINP, 1/AF Bidhan Nagar, Salt Lake City, Kolkata -700 064.	12 -13 th Sept., 2011
	2. Prof. Mrinal Kr. Maiti	Dept. of Biotechnology and Advance Lab for Plant Genetic Engineering, IIT- Kharagpur, W. B.	12 -13 th Sept., 2011
	3. Prof. Pranab Roy	Dept. of Biotechnology, University of Burdwan, W.B., Pin- 713104	12 -13 th Sept., 2011
	4. Dr. Manoranjan Mondal	Prof., Dept. of Cardiology, Bankura Sammilani Medical College	9 th Feb., 2012
	5. Prof. Debasish Mukhopadhyay	Saha Inst. Of Nuclear Physics, Kolkata	8-9 th January, 2014.
Bengali	1. Prof. Arun Bandyopadhyay	Burdwan University	25 th March, 2011
	2. Dr. Alok Chakraborty	Dept. of Bengali, Rabindra Bharati University	25 th March, 2011
	3. Dr. Munmun Gangopadhyay	Renowned Actor and Retd. Prof. Rabindra Bharati University	25 th March, 2011
	4. Sri Manoj Mitra	Renowned Author, Director, Viswa Bharati	25 th September, 2010
	5. Sri Ramkumar Mukhopadhyay	Dept. of Bengali, Jadavpur university	27-28 th September, 2013
	6. Prof. Sutapa Sengupta		
	7. Dr. Ira Ghoshal	Dept. of Bengali, T.M. Bhagalpur University	
	8. Dr. Alok Chakraborty	Associate Prof. Bengali Deptt. Burdwan University	
English	1. Prof. Krishna Sen	University of Calcutta	27 -28 th Sepetember, 2013.
	2. Prof. Ashok Hui	University of Burdwan	
	3. Prof. D. N. Bandopadhyay (V.C)	Bankura University	

Sanskrit			
History	1. Dr. Bhaskar Chattopadhyay	Dept. of History, The University of Burdwan	22-23 Sept., 2011
	2. Prof. Rupendra Kumar Chattopadhyay,	Dept. of Archaeology, The University of Calcutta	22-23 Sept., 2011
	3. Prof. Barun Kumar Chakraborty,	UGC Emeritus Prof. , Rabindra Bharati University, Kolkata	22-23 Sept., 2011
	4. Mr. Chitta Ranjan Dasgupta,	Member Secretary, Acharya Jogesh Chandra Purakriti Bhawan, Bishnupur	22-23 Sept., 2011
	5. Prof. Chittabrata Palit,	Former Prof. Department of History, Jadavpur University	3 rd & 4 th Feb., 2012
	6. Prof. Rupendra Kumar Chatterjee	Dept. of Archaeology, The University of Calcutta	3 rd & 4 th Feb., 2012
	7. Prof. Achintya Kumar Dutta,	Deptt. of History, The University of Burdwan	3 rd & 4 th Feb., 2012
	8. Prof. Iswar Tripathi,	Former Prof. Bankura Christian College, Bankura.	3 rd & 4 th Feb., 2012
Pol. Science	1. Dr. Debnarayan Modak,	Prof. of Pol. Sc. & Director, School of Humanities & Social Sciences, Netaji Subhas Open University, Kolkata.	25 th & 26 th Sept. 2010
	2. Dr. Mahendra Kumar Padhy	Department of Mass Communication & Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow.	25 th & 26 th Sept. 2010
	3. Prof. Sarit Kumar Sadhu,	Dept. of Law, The University of Burdwan	25 th & 26 th Sept. 2010
	4. Dr. Gajendra Prasad Parida,	Reader, Dept. of Pol. Science, Udala College, Mayrbhanj, Odissa	25 th & 26 th Sept. 2010
Physiology	1. Dr. Manoj Kr. Chakraborty	NICED, Kolkata	11 th Feb., 2009 & 9 th Feb., 2012
	2. Prof. Tushar Kanti Ghosh	VU, Paschim Medinipur, WB	
	3. Dr. Manoranjan Mandal	Sammilani Medical College, Bankura	
	4. Dr. Madhusudan Pal	Bankura	
	5. Dr. Himangshu Bhusan Kundu	DRDO, Temarpur, New Delhi	
	6. Dr. Durga Pada Dalui	DRDO	
	7. Swami Bholananda	Medical College, Paschim Medinipur Ramakrishna Math, Bishnupur	

1st State Level Seminar on Nanomaterials, 2010

Seminar on 'Interdisciplinary Physics: Some Basic Aspects', 2011

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Technically speaking, there is no provision for sabbatical leave as such in the service rules for teachers of non-govt. aided colleges of West Bengal. However, the college has provision for on duty leave for teachers to attend seminars, workshops, and orientation and refresher programs. Almost all the teachers have availed such leave from time to time. Some of our teachers have also been given special study leave for short periods to carry out doctoral, post-doctoral and collaborative research at various institutions. A considerable number of the faculty (Sixteen) have also enjoyed/ have currently been enjoying study leave (for a maximum period of three years) for completing Ph.D as Teacher Fellow under the FIP/FDP Scheme of the UGC.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and else where to students and community (labtoland).

It's interaction among students and teachers of respective departments within as well as outside the class that usually serves as a means of transferring information about relative findings of research of the institution and elsewhere to students. Seminars/workshops/ invited lectures, occasionally arranged by different departments of the college, by providing opportunities to teachers and students to interact with researchers of eminence from various fields. It also helps and creates awareness among the students about the interesting results obtained from research and the practical applicability of the findings.

Research activity of any kind is ultimately aimed to benefit the community at large. The institution encourages and sanctions leave to the faculty for presenting research papers in seminars/conferences and exchange views with researchers from other institutions. The faculty members and researchers are also encouraged and given the scope to publish their research findings as books, research papers in reputed and referred journals, articles in edited volumes, seminar proceedings etc. so that they can reach a larger section of the people concerned.

Science Camps, projects and field tours organized by certain departments and extension activities undertaken by the NSS Unit of the college provide opportunities for learning by doing to students and also help in disseminating common knowledge which generations of research has produced among the students and community at large.

3.2 RESOURCE MOBILIZATION FOR RESEARCH

3.2.1 What percentage of the total budget is earmarked for research? Give

detailsofmajorheadsofexpenditure,financialallocation andactualutilization.

As the College is mainly an undergraduate teaching institution, there is no financial provision exclusively for research activities in the college budget. Faculty members depend on grants received from the UGC and other funding agencies purposively for research, seminars etc. It may not however be out of context to mention that the college provides Rs. 1000/ + T.A/DA of resource persons to each of the department for arranging seminars/workshops in a year.

3.2.2 Istherea provision in the institution to provide seed money to the faculty for research? If so,specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

There is no provision in the institution to provide seed money to the faculty for research. However, they are encouraged to use all infrastructure facilities available in the college for research purpose. TA/DA of the participants are paid from UGC fund.

3.2.3 What are the financial provisions made available to support student research projects by students?

As mentioned, the institution is primarily an undergraduate teaching institution having no scope for research directly by students. However, the PG students of Botany and the UG students of certain departments (e.g., Geography) need to undertake project work/field studies as a part of their curriculum. Also, as per the syllabi, UG students of every department mandatorily have to submit a project report on environmental issues. All these project works are self-financed by the students; the college does not provide any sort of financial support in this connection.

3.2.4 Howdoes the various departments/units/staff of the institute interacting undertakinginter-disciplinaryresearch?Cite examplesofsuccessfulendeavorsandchallengesfacedin organizinginterdisciplinaryresearch.

Normal teaching and learning schedule of the structure syllabus of the affiliating University, which the college is bound to follow, does not provide any scope for inter-disciplinary studies and lateral interaction. However, faculty members of various departments regularly interact among themselves to enhance the quality of teaching and personal research.

As examples of successful inter-disciplinary endeavors, we may point to the inter-disciplinary and inter-departmental collaborative seminars/workshops/science camps organized within the campus (see Table: 3.1.6A).

Seminars organized by the Study Circle, Bikshan provide an open forum for inter-disciplinary academic discourses mainly to teachers and students of various humanities and social science departments. Interested teachers and students of the science departments are also invited to participate in these seminars and share their views. The Vigyan Parishad provides a similar forum to teachers and students of various science departments for inter-disciplinary academic discourses.

In this connection, we should especially point to the two-day Science Camp on “Learning by Doing: Science Mysteries Demystified” organized by the departments of Pure Science and Bio-Science of our College during 8-9th January, 2014, which was indeed a successful inter-disciplinary pursuit of knowledge.



Science Camp on 'Learning by Doing: Science Mysteries Demystified', 2014 Events of Science Camp

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Various equipments and basic research facilities such as libraries with rich collections of books and journals, well set up departmental laboratories with modern equipments compatible with the UG structure syllabus of the affiliating university, separate laboratories for the PG department of Botany, a Central Instrumentation Facility (CIF) with a number of modern scientific instruments, computers, printers are available in the college.

The rich collections of books are used by students and teachers throughout the year and interested researchers from any place within the State, especially in humanities and social sciences, can access them with special permission. The library staff with suggestions from the Library Committee plan and implement strategies for proper and optimum use of the various facilities available in the libraries.

Interested students are always motivated to make use of the instruments within the laboratories during the normal practice sessions and even beyond, if required. For optimum utilization, need-based inter-departmental sharing of available equipments and facilities are allowed. With prior intimation and arrangements, students and teachers of a particular department can make use of the instruments of other departments if needed. Heads of the departments take the responsibilities for optimal use of various instruments. Log books are maintained in CIF room (Bio-Block) for different instruments to ensure proper use of them.

In full session every class room and laboratory is in use during college hours indicating the optimum use of the available space. The college offers programmes which are beyond what the existing infrastructure permits.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

No, the institution has so far not received any special grants or finances from the industry, but college received some additional special grants for up gradation of Laboratory equipment from UGC during last 7 years.

Some special grants for purchasing equipments during XI UGC Plan period

Scheme	Funding Agency and amount with date	UC/Audited report
Infrastructure grant in terms of power supply, water supply, safty	UGC, New Delhi Rs. 10 lakh 08/10/2010	Audited and UC submitted

equipment to NAAC accredited science P G College		
Additional grant (Equipment) [AGE-Capital]	UGC, Kolkata Rs.23,25000/- 25/10/2010	Audited and UC submitted
Additional grant (Equipment) [AGE-Capital] for SC/ST	UGC, Kolkata Rs.12,08788/- 23/07/2012	Audited and UC submitted

3.2.7. Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The college authority encourages the faculty members to apply for minor and major research projects to the UGC and other funding agencies and also provides all possible support for submission of proposals and getting the grants sanctioned. Details of ongoing and completed projects and grants received from various agencies during the last seven years are given in the table below.

Table: 3.2.7(A): Details of Ongoing and Completed Projects Received during the Last Seven Years

Nature of Project	Principal Investigator	Duration From To	Title of Project	Funding Agency	Total Grant		Audited & Utilization report
					Sanctioned	Received	
Minor	Dr. Ajay Kr. Manna	12.12.06-31.03.08	Regenerated Polyethylene from Polyethylene Wastes	UGC	47,600/-	47,600/-	UC submitted
	Dr. Kartick Gupta	April 2007- March, 2009.	DFT based QSAR Studies on Oxidants, Reductants and Anti-oxidants	UGC	1 lakh	1 lakh	Full utilized & UC submitted
	Dr. Prafulla Kr. Das		Socio economic Condition and Political awareness of Fisherwomen community in Orissa: A Case Study	UGC	Rs.88000/-	Rs.51500/-	UC submitted. Rest amount not yet received
	Dr. Swarup Kr. Jana	18 Months from 25/04/2013	Nature & Dependence of Common Property Resources & their Impact on Local People in Jungle Mahal Area: An Evaluative Study	UGC	Rs 1,16000/-.	Rs. 79510/-	UC submitted

Major	Dr. Prafulla Kr. Das		Socio economic Condition and Political awareness of Fishermen community in Orissa: A Case Study.	ICSSR	Rs.1,83,825	Rs.1,83,825	Fully utilized and UC submitted
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Table: 3.2.7(B): Details of Grants Received during XII UGC plan period

Scheme	Funding Agency and amount with date	UC and Audited report
Remedial Coaching and Entry in service for SC/ST/OBC students	UGC, Kolkata Rs. 1.25 + Rs. 1.25 Lakh	Will submit audited report
XII plan GDA grant for the purchase of Books & Journals and Equipment	UGC, Kolkata Rs. 3.2 Lakh and Rs. 3.2 Lakh	Not fully utilized and UC not submitted
Seminar grant for Physics and Political-science Department	UGC, Kolkata Sanctioned Rs. 1.5 Lakh for each department	Not fully utilized and UC not submitted

3.3 RESEARCH FACILITIES

3.3.1 What are the research facilities available to the students and research scholars within the campus?

As stated earlier, the college is primarily an undergraduate teaching institution entrusted with teaching UG Honours and General courses. It is neither a recognized research institution nor does it have any research center of the affiliating university or any other institution. We, therefore, don't have research scholars within the campus. The UG students also do not come within the research bracket. Facilities exclusively earmarked for research are thus not available within the campus. However, we can point out certain facilities available which can facilitate research activities within the campus. Following are some of the noteworthy facilities available:

- Well-equipped Laboratories with Adequate Instrumentation Facility (A selected list of instruments available in various departments are given below.)

List 1: Major Instrumental Facilities Available in the Department of Physics

Oscillators; Cathode Ray Oscilloscope

Frequency/Signal Generator

Fresnel's Biprism, Polarimeter; Mercury and Neon Lamps, Photometry

Thermistors, Thermocouples, Triode, OP-Amp, GATE Circuits

Mutual Inductance, High Resistance, Hysteresis Loop

Newton Ring Experiment

Electronic Circuits Like Wave Shaping, Rectifier, Transistors, Low Pass, High Pass Fitted Over Boards Etc.

Dark Room With High Resolution Spectrometer For Optical Experiments

List 2: Major Instrumental Facilities Available in the Department of Chemistry

Vacuum Decicator

Heating Mantel

Mechanical Stirrer and Resin Reaction Cattle

Two Centrifuge Machines , Conductivity bridge, Potentiomter, Colorimeter

List 3: Major Instrumental Facilities Available in the Department of Botany

Laminar Air Flow; Hot Air Oven; BOD Incubator; Vortex Mixture; Magnetic Shaker; Cooling Centrifuge

Vertical & Horizontal Gel Electrophoresis with Power Supply

Electronic pH Meter; Conductivity Meter; Colorimeter; UV/Vis Spectrophotometer; Spectrophotometer (Remi)

Trinocular Microscope; High Level Dissecting Microscopes; Gel Illuminator; High Resolution Digital Microscopic Camera

Sartorius Weighing Machine (digital); Weighing Machine (100 mg -200gm); Autoclave.

Global Poisoning System (GPS); Distillation Plant (Large); A large number of herbarium sheets (plants of Bankura District)

List 4: Major Instrumental Facilities Available in the Department of Physiology

Kymograph with all Accessories; Pneumograph; Electrocardiograph

Spirometer; Colorimeter and spectrophotometer

Haemoglobinometer, Haemocytometer

Anthropometry

Sphygmomanometer and Stethoscope

Treadmill

- Enriched, computerized library with old and rare as well as modern good books with journals;
- Internet and Photocopying Facilities for students as well as teachers of all departments;
- Collaborative facilities on individual and departmental levels;
- Excursions, field visits and project work as per syllabus.

3.3.2 *What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?*

Following are the highlights of the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers:

- Building expansion to create more space for researchers (proposal placed in UGC XII plan) ;
- Ensuring uninterrupted and upgraded electric supply by maintaining generators and planning of a supplementary solar power unit (proposal placed in the State Govt. of West Bengal);
- Up gradation, renovation and expansion of laboratories through creation of more space and procurement of modern and sophisticated instruments (proposal submitted in the UGC XII plan);
- Upgrading, renovation and expansion of library and increasing library hours (fund received from the State Govt, of West Bengal during 2013 and a new proposal has submitted for second phase programme from the State Govt. of West Bengal);
- Ensuring proper and timely conclusion of research projects with meticulous preparation of audit and utilization reports;
- Seeking assistance from well-placed, qualified alumni.

3.3.3. *Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments / facilities created during the last four years?*

- No, the institution has not received any special grants or finances from the industry or other beneficiary agency specifically for developing research facilities within the campus. However, a special grant of rupees ten lacks (Rs. 10,00000/-) was received during the financial year 2010 for up gradation of laboratory to NAAC accredited Post Graduate Science Colleges, which has been utilized for setting up two separate laboratories for the PG Department of Botany.

3.3.4 *What are the research facilities made available to the students and research scholars outside the campus/other research laboratories?*

No research facilities are available to the students and research scholars outside the campus/other research laboratories.

3.3.5 *Provide details on the library/information resource center or any other facilities available specifically for the researchers?*

We have a central library consisting of more than 30,000 books and journals and there are separate Seminar Libraries for each department. Separate libraries are also maintained for Remedial Coaching, Coaching for Entry in Services and Human Rights Course (funds are utilized from book & Journals grant of UGC during 2007-2014). Students of backward classes (SC/ST/OBC etc.) can get books from the newly introduced library of Remedial Coaching.

The central library is fully computerized with two spacious reading rooms one each for students and teachers. Library work including the lending/issuing of books to the students and faculty are done by computer by using the Software Blue Planet. Photocopying and Internet facilities are available in the central library to cater the academic needs of students and the

faculty. One item that requires special mention is a huge collection of old and rare valuable books in the central library. Research scholars, coming from different parts of West Bengal, are allowed to avail this resource with special permission. Keeping in mind the changing needs, the libraries are kept at par by adding new books and journals at regular intervals using funds received from the state govt .and the UGC. A proposal of e-books and Journals through INFLIPNET has submitted in the XII plan of UGC. A separate new building for Library with a large floor space is going on at the final stage which was funded by the Higher Education Department of the State Govt. of West Bengal.

3.3.6. What are the collaborative research facilities developed/created by the research institutes in the college. Foreg. Laboratories, library, instruments, computers, new technology etc.

Although some of the teachers are individually involved in collaborative research activities at different institutions, no collaborative research facilities have been developed/created by any research institute in the college.

Dr. Baibaswata Bhattacharjee, Assistant Professor in Physics has collaboration with Prof. Chung –Hsin Lu, Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan, from 2006 in the field of nanoparticle characterization. Dr. Bhattacharjee and Prof. Lu have jointly published eight (8) papers hitherto in the journals of international repute, in the field of nanomaterials.

Recently, Dr. Bhattacharjee has also started collaboration with Dr. Amit Kumar Chakraborty, Associate Professor in Physics, National Institute of Technology, Durgapur, West Bengal, in the field of nanoparticle synthesis.

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1. Highlight the major research achievements of the staff and students in terms of

- *Patents obtained and filed (process and product)**
- *Original research contributing to product improvement**
- *Research studies or surveys benefiting the community or improving the services**
- *Research inputs contributing to new initiatives and social development**

Research studies benefitting the community:

Dr. Baibaswata Bhattacharjee, Assistant Professor of Physics, is actively engaged in the research related to semiconductor nanoparticles and nanotoxicity in aquatic environment. Till now, not much knowledge is acquired regarding human or environmental health outcomes following exposure to nanoparticles. Therefore, it is very important to understand the potential impacts of nanoparticles upon biotic communities and their environments.

In different districts of West Bengal, some of the industries are cropping up without having proper site for sewage disposal. The wastes of these industries contain predominantly sulphide nanoparticles. ZnS is one of such materials that can be found in the wastes of cosmetic, pharmaceutical and rubber industries. ZnS possess the property of photo-oxidation. Apart from the direct effect of various physiological disorders due to uptake of nanoparticles by the aquatic animals, ZnS nanoparticles are expected to exhibit some passive effects on aquatic ecosystem by reducing the dissolved oxygen content of water due to its property of surface photo-oxidation. This effect can be more pronounced for nanoparticles of smaller sizes having greater surface area.

Dr. Bhattacharjee is monitoring systematically the adverse effect of ZnS nanoparticles on aquatic animals (zooplanktons and fishes) regarding their mortality, heart rate, hopping frequency, feeding behaviour, growth and maturity [1,2]. The changing behaviour in growth and maturity of any member of an aquatic environment due to exposure of nanoparticles may cause an adverse effect on the aquatic ecosystem. This in turn may affect the human race as a whole. Therefore, it is

gradually becoming very important to identify the most appropriate route of nanotechnology that will preserve the aquatic environment while also advancing industrial, medical and environmental technology. The study of Dr. Bhattacharjee will help the community in that purpose.

Nilanjana Chatterjee, Assistant Professor of Zoology, is engaged in research in the field of fish reproduction. Presently, she is working on the detailed study of the pituitary-gonadal endocrine interrelationship in non-air breathing catfish *Mystus vittatus* [3-9]. Her study will throw light on the basic principle of interrelation ship among pituitary and piscine reproductive activity.

Fish is one of the major sources of edible protein in India. Therefore, its reproduction has acquired prime importance to the investigators working in this area. *Mystus vittatus* is a species of freshwater catfish, found mainly in the rivers of India, Bangladesh and Myanmar. This species is easy to cultivate and it is an important target species for the small-scale fishermen. This small indigenous fish species has a high nutritional value in terms of protein, micronutrients, vitamins and minerals not commonly available in other foods making it a very attractive candidate for aquaculture in the South East Asia. From that point of view, the work of Ms. Chatterjee will provide valuable information to fish biologists working in the field to augment the fish production in our country.

References:

- [1]. **Bhattacharjee B**, Chatterjee N and Lu C –H. (2013), *ISRN Nanomaterials*. doi:10.1155/2013/207239.
- [2]. Chatterjee N, **Bhattacharjee B** and Lu C.-H. (2014, *Int Aqu Res*. doi: 10.1007/s 40071-014-0071-9.
- [3]. Chakrabarti P and **Chatterjee N**(2014). *Journal of Zoology* 3 (1): 27-36.
- [4]. **Chatterjee N** (2014). *Asian Resonance* 3(1): 56-61.
- [5]. **Chatterjee N** (2014). *Sindh University Research Journal* 46(2): 189-196.
- [6]. Chakrabarti P. and **Chatterjee N** (2014). *Journal of Entomology and Zoological Studies* (In press).
- [7]. **Chatterjee N** and Chakrabarti P (2014). *International Journal of Fisheries and Aquatic Studies* (Accepted).
- [8]. **Chatterjee N** and Bhattacharjee B. (2014), *Journal of Applied Biology and Biotechnology* (In press).
- [9]. **Chatterjee N** (2014), *International Research Journal of Biological Science* (Accepted).
- [10]. **Chatterjee N** (2014), *The Scientific Temper* (Accepted).

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

No, at present the institute does not publish or partner in publication of research journals. However, the Study Circle, Bikshan has a plan in progress to start publication of a research journal soon.

3.4.3A: Publications by the Faculty (Papers, Articles etc.)

Department	Number of papers published by faculty and students in national and international journals	No. of Publications listed in International Database	Chapter in Books/e-books	Books Edited	Books with ISBN & ISSN nos.	Abstracts/ Proceedings	Translations
Bengali	09	NIL	09	02	01 (978-81-	19	NIL

					920072-8-1)		
English	12	07 (including 5 Book reviews)	02	NIL	NIL	02	NIL
History	10	NIL	NIL	NIL	01 (978-93-80677-29-3)	NIL	NIL
Political Science	09	03	NIL	02	02	NIL	NIL
Geography	03	NIL	01	NIL	01 (978-93-80813-20-2)	05	NIL
Physics	15	12	NIL		NIL	12	NIL
Botany	15	NIL	NIL	NIL	NIL	11	NIL
Chemistry	14	NIL	NIL	NIL	01 (978-81-8465-858-3)	09	NIL
Commerce	14	NIL	NIL	NIL	NIL	06	NIL
Sanskrit	02	NIL	01	04 (978-93-81205-75-4, 978-81-920385-5-1, 978-93-81205-65-5 & 978-93-81205-45-7)	NIL	04	NIL
Physiology	05	NIL	NIL	NIL	NIL	10	NIL

3.4.4 Providedetails(ifany)of

- *Research awards received by the faculty*
- *Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally*
- *Incentives given to faculty for receiving state, national and international recognitions for research contributions*

An Account of Research Awards & Recognitions Received by & Incentives Given to the Faculty

Research awards received by the faculty

Dr. K. Gupta, Department of Chemistry was awarded Summer Research Fellowship of IASc-INSA –NASI (2006,2007, and 2008) to work at IIT Kharagpur and BARC, Mumbai.
He was also awarded visiting Fellowship of Centre for Theoretical Studies, IIT Kharagpur (2010, 2011 and 2013).

	<i>Nine (09) teachers of different departments have received Ph.D. degree from various universities during the last seven years (since the last NAAC visit in 2007. For details please see Table: 3.1.5A</i>
<i>Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally</i>	<i>Dr. K .Gupta received Travel Grants from UGC, New Delhi to present paper at Chulalongkorn University, Bangkok (2005), from CSIR, New Delhi to present paper at Saarland University, Germany and from UGC, New Delhi to present paper at the University of Tartu, Estonia. Dr. Gupta was invited as a Teacher-Invitee at the Annual Meetings of Indian Academy of Sciences, Bangalore at Thiruvanthapuram and Chandigarh (2007 and 2013). He was invited and presented a paper at the 50th Symposium on Theoretical Chemistry, held at the University of Vienna (September 14 -18, 2014).</i>
<i>Incentives given to faculty for receiving state, national and international recognitions for research contributions.</i>	NA

3.5 CONSULTANCY

3.5.1 Give detail of the systems and strategies for establishing institute-industry interface?

The college is primarily a teaching institution where undergraduate Honours and General Arts and Science courses are taught. With it not being an institute for technical education proper or a specialised research centre, there is little scope for establishing direct links with industry. Moreover, the college having been located in an industry-scarce, relatively backward region of West Bengal, with not so much developed communication network, scope for establishing institute-industry interface is limited. Given the limitations, the college has adopted the following systems and strategies for establishing institute-industry interface:

- A Placement & Career Counseling Cell has been set up to provide information about job opportunities in different spheres and act as a go-between industry and the job aspirant students. In order to develop professional skills of the students and thereby fulfill our mission of helping them to make themselves ready for jobs in local industries and other sectors, the Career Counseling Cell regularly organizes seminars, workshops and training programs, where office bearers from various industries and government offices, corporate experts are invited to apprise the students about the technical nitty-gritty of what the present-day job-market demands. The cell also makes contacts with various companies for campus interviews and also arranges off-campus interviews, through which a number of students have been absorbed in a number of industries/corporate bodies like Vasavi Steel, Carreograph, Syngenta, Dabur, FRESMIUSKABI (ONCOLOGY) Ltd., etc. over the past few years.
- The college has, of late, started a UGC sponsored career oriented Coaching Course for Entry in Services for SC, ST, OBC and Minority students. Arrangements of coaching classes by the faculty are made, on regular basis, to help the local youth to prepare for various professional examinations.

3.5.2. What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

To promote consultancy, the stated policy of the institution is to ensure that the benefits of the knowhow, skills and expertise of the faculty at hand reaches the maximum number of people, irrespective of caste, creed, religion or race to local schools, colleges, university, Govt. agencies, NGOs, neighbouring villages, institutions for disadvantaged sectors of the society.

Mostly the consultancy services are rendered free without expectations of any remuneration. Infrastructure required publicising available expertise for consultancy services having been inadequate; the publicising activity is mainly executed through individual contacts of the faculty with concerned departments.

3.5.3. *How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?*

All facilities of research available in the college are open for consultancy purposes should such need arise. The college encourages the staff for consultancy services by involving them with the NSS unit and the Career Counselling Cell. The works and achievements of the faculty in providing consultancy services are highlighted

3.5.4 *List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.*

Consultancy services are provided by the institution mainly through the organisation of various seminars, workshops, training programmes, counselling sessions, exhibitions and science camps, special camping and awareness programmes by the NSS unit, etc. Faculty members at the individual level provide consultancy services as (i) Resource Persons on different occasions, (ii) Consultant Faculty & Honorary Teachers in different institutions (v) Paper-setters of the affiliating university and other universities, (v) Members of the Governing Bodies of colleges, (iv) Members of various Boards (such as Board of Undergraduate Studies, Editorial Boards etc.) (v) Subject Experts in recruitment of teachers by the State Govt. (vi) Judges in various events organized by schools & colleges and so on. The beneficiaries of consultancy services include the students of the college, common people of the locality, schools and colleges of the region, universities, as well as Govt. agencies and NGOs.

A select list of major consultancy services provided during the last five years by the institution and its faculty are listed below:

For several years now, the Department of Botany has been providing consultancy services to “Horticulture Development Foundation” on the preparation of Survey Report on conservation of medicinal and aromatic plants in this area. This collaborative research programme is sponsored by The Agri-Horticultural Society of India.

The NSS unit of the college, as a part of their periodic extension activities, regularly organises awareness programmes whereby counselling and consultancy services on health and hygiene, diseases, environmental conservation and biodiversity, waste management, drug abuse, human rights, literacy and security of women etc. are provided to people of the neighbouring community through personal visits as well as through the organisation of seminars, film shows, health check-up camps etc. (Some instances of sensitising programmes organised by the NSS unit in recent years are given in the next section).

A Brief Account of the Major Consultancy Services Provided by the Faculty at the Individual Level during the Last Four Years

Brief Accounts of Consultancy Services Provided	
Name of Faculty	
1. Dr. N. R. Malas, Assist. Prof. of English	<p>(a) Resource Person for the Training Programme on “Youth Leadership and Communication Development” orgd. By Neheru Yuva Kendra, Bankura and Ananta Smrity Bayamagar, Bishnupur on 22,23 & 24 February, 2014. (Free Service)</p> <p>(b) Chairman in connection with Degree Course Final Exams. (UG), conducted by The University. Examiner, Scrutineer, Paper Setter in connection with different Final Exams., conducted by the University.</p> <p>(c) Member in the Governing Bodies of this college & of</p>

OndaThananMahavidyalaya.(Free Service)

2. SubhasisChattopadhyay, Assist. Prof. of English	<p>(a) Provides consultancy to Prabuddha Bharata, published by the Ramakrishna Mission from Mayavati, Uttarakhand as the official proof-reader of this indexed century old English journal.</p> <p>(b) Engaged in honorary teaching service at (i) Rabindra Bharati University, 1 semester May 2013 to December 2013 & (ii) Motijheel P.G. Department. From May 2013 till date</p> <p>(c) Spoke as a resource person at The Latin American Study Centre on Liberation Theology and Mario Vargas Llosa in a seminar held by the said Centre on 29.03.14, Kolkata (Invited by the Director of this Centre).</p> <p>(d) In January 2014, gave a special invited lecture as a resource person, on Psychoanalysis and Literature, at the P.G. Department of Motijheel College, Dum Dum, Kolkata.</p>
3. Dr.Prafulla Kumar Das, Assist. Prof. of Pol.Sc.	Provided consultancy services as Member of Senate , Fakir Mohan University, Balasore, Odissa (since 8-8-2008 for three years)
4. Dr.BaibaswataBhattacharjee, Assist. Prof. of Physics	Serving as a GB member of Sonamukhi College, Bankura .(Free Service)
5. Dr.Swarup Kr. Jana, Assist. Prof. of Commerce	<p>(a) Provides Honorary Teaching Service in the programme Training towards Entrepreneurship Development run by Midnapore Planning & Development Society.</p> <p>(b) Works as Resource Person at (i) Midnapore Planning & Development Society as a Motivator to New Entrepreneurs; (ii) IGNOU Study Centre, Midnapore College as a Counsellor; and (iii) IGNOU Regional Evaluation Centre, Kolkata as an Evaluator.</p> <p>(c) Consultancy Service:- I. MPDS- Entrepreneurship Development (Free consultancy) II. Silviculture (North) Div., Siliguri, Govt. of WB Phyto-Sociological study under Medicinal Plant Conservation Project</p> <p>(d) Editorial Board Member of Flip Forest Journal</p>
6. Dr.Prasanta Kr. Patra, Associate Prof. of Economics	<p>(a) Provides consultancy as Board Member, Jan Sikshan Sansthan, Bankura - Appointed for a period of three years effective from 13th June, 2011 under the category of Prominent Persons from the Field of Education by the Ministry of Human Resource Development, Govt. of India...(Honorary)</p> <p>(b) As an Invited Member, attended a meeting of The Board of UG Studies in Economics, Burdwan University, organised to revise the UG (Hons.) syllabus in 2013. As assigned by The Board of UG Studies in Economics, Prepared apart of the proposed revised syllabus for Economics Hons. Programme (Mathematical Economics -I & II).--(Honorary)</p> <p>(e) Served as a Paper-setter of Degree Course (Hons.) Final Examination in Economics of SKB University, Purulia in 2013</p>
7. Dr.MousumiMukhopadhyay (Patra), Associate Prof. of Economics	<p>(a) Consultant Faculty of Indira Gandhi National Open University (IGNOU), Ramananda College Centre for PGDRD (Postgraduate Diploma in Rural Development) Course.(with Honorarium)</p> <p>(b) As a Resource Person delivered lecture on "Gender Issues in Human Development Report, Bankura" in the Training Programme for "District Level Planners for Human Development" organised by the Office of the District Magistrate, Bankura (10th & 11th July, 2009). (Free Service)</p>

	<p>(c) Again as Resource Person delivered lecture on “People’s Participation in Human Development” in the 2nd & 3rd phases of the same Training Programme for “District Level Planners for Human Development”(on 21-22 August, 2009 & 15-16 September, 2009). (Free Service)</p> <p>Served as a Member (University Nominee), Governing Body, Bankura Zilla Saradmoni Mahila Mahavidyapith, Bankura from 23/09/2009 to 09/06/ 2011.(Free Service)</p>
8. Prof. Binapani Ghosh, Assist. Prof. of Bengali	<p>Served as a Member (University Nominee), Governing Body, Bankura Zilla Saradmoni Mahila Mahavidyapith, Bankura from 23/09/2009 to 09/06/ 2011.(Free Service)</p>
9. Dr. Chirashree Mukherjee, Asstt. Prof. of Sanskrit	<p>(a) Delivered a lecture titled “Rules of dramaturgy and the position of women as evidenced in the plays of Bhasa, Kalidasa and Bhavabhuti” organized by the department of Sanskrit, Ramakrishna Sarada Mission Vivekananda Vidyabhavan, DumDum, on 20th March, 2012 at Ramakrishna Sarada Mission Vivekananda Vidyabhavan, DumDum, Kolkata.</p> <p>(b) Delivered a special lecture titled “Women Empowerment: An Introspection” as part of a Seminar “Freedom of Women and Women Empowerment” organized by Office of the Subdivisional Information and Cultural Officer, Bishnupur (Govt. of West Bengal), on 30th September, 2011 at Ramananda College, Bishnupur, Bankura.</p> <p>(c) Delivered a special lecture on “Adhunik Samaskrita Sahityacharcha – Ekti Alochana” organized by the department of Sanskrit, Mrinalini Dutta Mahavidyapith on 08th Dec 2010 at Mrinalini Dutta Mahavidyapith, Birati, Kolkata.</p>
10. Dr. Debanka Sekhar Misra, Associate Prof., Dept. of Physiology	<p>Acted as a resource person:-</p> <p>a) DCNM, Vidyasagar University;</p> <p>b) Human Rights certificate course, Ramananda College, Bishnupur, Bankura</p> <p>c) School Service Commission, Western Zone.</p> <p>d) IGNOU, Ramananda College Unit, Bishnupur, Bankura.</p> <p>e) Co-ordinator, Department of Nutrition, Ramananda College, Bishnupur, Bankura.</p> <p>f) Member of Academic Council, Ramananda College, Bishnupur, Bankura</p>

*Consultancy services by the college have mostly been provided free of cost and no revenue has been generated from the same. Faculty members have in some cases been offered some honorarium for providing consultancy at the individual level, but the institution has not claimed any share of it.

3.5.5. **What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

As stated, Consultancy is mostly provided free by the college on complementary basis and no income is generated from the same. The institution does not take any share of the honorarium offered to any faculty by the beneficiary agencies, as the faculty members offer their services after doing their due duties of the institution.

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 *How does the institution promote institution-neighbourhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?*

Institution-neighbourhood-community network

This college was begun by the people of Bishnupur in 1945. Today most of our students come either from within the sub-divisional town of Bishnupur or from the rural neighbourhoods of Bishnupur. Thus, Ramananda College is truly a community college. The college bridges the gap between higher education, its neighbour and the larger community through the following measures:

- 1. The college's Governing Body is constituted in such a manner that all local stakeholders have their say in running the college. This is in accordance to the University of Burdwan's regulations regarding the constitution of governing bodies of colleges.*
- 2. The college has a very strong alumni association. Many of the alumni are local residents. They form the immediate institution-neighbourhood-community interface.*
- 3. The NSS, through its activities detailed below, is the most important stakeholder in making the college truly community oriented.*
- 4. The NCC unit of the college is also of great importance in achieving the synergy between the institution and the community.*

Student engagement, service orientation and holistic development

Students are encouraged to join the NSS and the NCC as parts of the social-responsibility efforts of the college. They conduct door to door socio-economic surveys which are used to draw up future programmes of both the NSS and the NCC units of the college. Further, they are asked to clean the campus of the college. To make them ecologically aware, our students are involved in planting saplings regularly and they are also taught to take care of the existing eco-system of Bishnupur. Students are moulded into responsible citizens by other less quantifiable measures: discipline is ingrained in them; punctuality in attending classes is stressed and most importantly, students are sensitized about the dangers of smoking and of drug addictions. These too help make our students become good citizens.

Students have access to a well-equipped gymnasium within the college campus. The use of the gym and participation in sporting events held in and by the college, ensure the holistic development of students. The college also encourages diverse talents to blossom; for example; there are singing and recitation competitions; annual mock-parliament sessions etc. to add non-academic values to our students.

To sum up, the college through its social-outreach programmes and extra-curricular activities helps students develop holistically.

3.6.2 *What is the Institutional mechanism to track students' involvement in various social movements/activities which promote citizenship roles?*

The NSS, the NCC units of the college maintain statistical records of the activities of the students in their roles as part of social movements/activities. For example, the college maintains records of the number of students who participate every year in the AIDS awareness campaign conducted by the NSS unit of the college.

3.6.3 *How does the institution solicit stakeholder perception on the overall performance and quality of the institution?*

Solicitation of stakeholder perception

The college involves a three-pronged approach to ensure stakeholder participation. The students are represented in the college's governing body, in conformity with the constitutions of the University of Burdwan. Feedback from their parents is ensured through regular parent-teachers' meetings. The alumni of the college, through their alumni organization, ensure that their own alma mater lives up to the highest standards practiced in institutes of higher education. Further, counsel is solicited for the running of the college from locally eminent persons.

3.6.4 *How does the institution plan and organize its extension and outreach programmes? (Providing the budgetary details for last four years, list the major extension and outreach programmes and the impact on the overall development of students)*

Total budgetary allocation of the last four years

The amounts are what have been spent in the given financial year, post audits. The detailed audited files are with the NSS programme officer. (A summary is provided here)

Year	Utilised grant amount
2010-11	30,000
2011-12	31,500
2012-13	49,400
2013-14	35,000

During all the four years mentioned above, the budgeted amount was spent in the following major thrust areas:

- I. *Forestation efforts. During each of the audited years, a portion of the allocated budget was used for creating awareness amongst the students of this college and the citizenry of Bishnupur regarding the importance of planting trees. The ecology of the college and the town is under threat due to rapid deforestation in the region. Thus this annual effort/event of reforestation is a major outreach programme of the NSS unit of the college.*
- II. *Often during the last four years, the local blood bank of Bishnupur has suffered acute shortage of donor-blood. In its efforts in serving the sub-division of Bishnupur, the NSS unit of this college has regularly arranged blood donation camps and made arrangements to not only procure blood for the blood bank but has conducted blood-screening annually. Patients were screened for hemophilia and other genetic diseases.*
- III. *The NSS unit has also arranged medical professionals to address target groups suffering from malnutrition etc. during special camps held under the aegis of the NSS unit of the college. Professors from the physiology department of the college generally check the blood-pressure, ECG, BMR of target groups during special camps.*
- IV. *Every year the NSS unit of the college uses part of its budget to create awareness about AIDS in the local populace. Banners, badges and ancillary materials are bought from the annual budget allocation for the NSS unit of the college.*
- V. *There are regular campus-cleaning efforts. Incidentals like waste-disposal equipment are bought from the annual budget.*
- VI. *Every year, during the four years under consideration, the NSS unit of the college has conducted special camps in adopted villages. These ten days' camps are funded by the special-camp money corpus allocated to the NSS unit every year mentioned above. The volunteers are encouraged to conduct door-to-door surveys and the data is compiled and referred to for future NSS camps. All the required statistical data is available with the current programme officer of the NSS unit of this college.*



Awareness of Human Rights Health Awareness Lecture Session of NSS

Physiotherapist counseling a Patient

Students are thus trained through the above mentioned activities conducted by the NSS unit to give back to the society from which they have received so much help; both tangible and intangible. They are made aware of ecological pitfalls, the dangers of AIDS and the need for blood donation. Further, through the special camps every year, students gain a first-hand experience in knowing and redressing the plights of below-poverty line people of this region. The NSS unit of the college thus acts as the interface of the college and the local population, especially the very poor amongst them. Our students learn how to help others in leading more socio-economically equitable lives and the need for basic medical care. Last but not least, students learn to transmit their knowledge gained during regular classes held by the NSS within the college to those who do not have access to higher education. For example, NSS volunteers educate local people about the need for personal hygiene.

Therefore, the last four years' budgetary allocation for the NSS unit of this college has materially helped both our students and the local populace. Apart from these, some amount of the annual budget is spent on incidentals.

The NSS special camp was held at Ainchbari Village. Surveys regarding the nutritional status and body metrics were collected during this special camp.

3.6.5 *How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?*

The institution promotes the participation of students in various extension activities like the NSS through college and local level advertising soliciting applications for joining the NSS. Special classes are compulsorily allocated every Wednesday for training the NSS volunteers. Faculty sensitizes them regarding issues which are relevant for the purpose of serving as NSS cadres.

Similarly, the NCC unit of the college directly solicits applications from our students. Regular NCC activities are held every year within the college campus. Students are taught to be ready to fight for the nation by our NCC unit.

The college encourages such activities like mock-parliament sessions to further ingrain students with the values of democracy.

Faculties are allowed on-duty leaves to both participate in and conduct such activities.

3.6.6 *Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?*

The NSS volunteers conduct statistical surveys during special camps. The collected data is interpreted by the faculty members of the Economics Department. Based on their reports, the NSS unit of the college plans future activities. The college has special scholarships for those of our students who are from under-privileged and vulnerable sections of society. Further, the college implements special programmes for the girl-child begun by the Government of West Bengal. Both these forms of financial assistance is given after screening by committees of the college.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

Academics are only relevant if it inculcates a sense of service to anyone accessing higher education. Moreover, ours is a democratic nation where our education values the need for socio-economic justice and the need for material equity. Our extension activities are geared to moulding our students into responsible adults, whose academic performance is not for self-oriented goals, but are for the utilization of society at large.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourages community participation in its activities?

The institution ensures that the local population, especially the poor of this area, is able to access the extension efforts of the college through the following means:

- NSS volunteers keep in touch with members of the adopted villages in special camps and conduct yearlong activities involving these adopted villages.
- The college reaches out to the community through advertisements etc. Further, the college keeps in touch with local NGOs for local liaisons.
- The college actively seeks periodic inputs from the town's sole blood bank regarding the need for blood there.
- Every year, there are street-level awareness programmes like no-smoking campaigns, AIDS awareness like no-smoking camping, AIDS awareness, conducted by the college where the NSS members carry banners and wear special badges and tour the entire town. This is an effective measure for ensuring community involvement.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities. NA

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

See above 3.6.4

Year wise details are available with the programme coordinator.

Sample Report of NSS activities (2013-14)

NSS Programmes:

- Orientation classes are taken by the teachers of the college.
- Regular campus cleaning programmes are held by NSS volunteers.
- Initiatives are taken to make the college campus a plastic litter free zone.
- Prof. Anjan Kr. Bandhopadhyay, Dr. Paresh Ch. Pal, Dr. Mrityunjoy Ghosh and other teachers of our college have taken classes on different topics to motivate volunteers.
- In the month of July, 2013 we organized "BAN-MAHOTSAV", our volunteers have planted about sixty saplings at the college peripheral area. The saplings are contributed by the Forest Department, Bishnupur Sub-division.
- On December 1st, to commemorate the World AIDS Day the students and volunteers of both NSS and NCC jointly held an awareness rally from college where different aspects of health and related matters were represented by posters and banners. Teachers and non-teaching staffs also marched with the rally. Our volunteers demonstrated awareness by stitching/wearing red ribbons among Teachers, Non- Teaching Staffs, and Students and also to the commoners passing by.

- From 18th March to 24th March, 2014, a special camp was held at KharbanglaLoharpara (Bishnupur Municipality, Ward no. 1). Besides regular special camp activities like social data collection, cleaning, creating social awareness and health practices by lectures and presentations (like Dr. Kartick Gupta on “harms of tobacco smoking”) and door to door visit. We organized a free medical checkup where Dr. Ritendranath Talapatra (Sub Divisional Hospital, Bishnupur) was present. Our physiology department students led by Dr. Debanka Sekhar Misra provided free ECG facility to the elderly people of the locality during the special camp.
- One day health checkup programme, blood group testing and ECG recording is done by the Teachers, Staff and Students of Department of Physiology and Nutrition.



NSS rally at Bishnupur Town

Health Checkup at NSS camp

3.7 COLLABORATION

3.7.1 *Howdoestheinstitutioncollaborateandinteractwithresearch laboratories,institutesandindustryforresearchactivities.Cite examplesandbenefitsaccruedoftheinitiatives-collaborative research,staffexchange,sharingfacilitiesandequipment, researchscholarshipsetc.*Nil

3.7.2 *ProvidedetailsontheMoUs/collaborativearrangements(ifany) with institutions of national importance/otheruniversities/industries/Corporate(Corporateentities)etc.andhowtheyhavecontributedto thedevelopmentoftheinstitution.*Nil

3.7.3 *Givedetails(ifany)onthe industry-institution-community interactionsthathavecontributedto theestablishment/ creation/up-gradation of academic facilities, student and staff support, infrastructurefacilitiesoftheinstitutionviz. laboratories/library/newtechnology/placementservicesetc.*Nil

3.7.4 *Highlightingthenamesof eminent scientists/participantswho contributed totheevents,providedetailsofnationaland internationalconferencesorganizedbythecollegeduringthe last fouryears.Previously mentioned*

3.7.5 *Howmanyofthelinkages/collaborationshaveactuallyresulted informal MoUsand agreements? Listouttheactivitiesandbeneficiariesandciteexamples(ifany)oftheestablishedlinkagesthathenhancedand/or facilitated-*Nil

- Curriculumdevelopment/enrichment*
- Internship/On-the-jobtraining*
- Summerplacement*

- d) *Faculty exchange and professional development*
- e) *Research*
- f) *Consultancy*
- g) *Publication*
- h) *Student Placement*
- i) *Twinning programmes*
- j) *Introduction of new courses*
- k) *Student exchange*
- l) *Any other*

3.7.6 *Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.*

Dr. K. Gupta, Associate Professor of Chemistry has been pursuing collaborative research work with Prof. P. K. Chattaraj of Department of Chemistry, IIT Kharahpur in the field of theoretical Chemistry.

Dr. Baibaswata Bhattacharjee, Assistant Professor in Physics has collaboration with Prof. Chung –Hsin Lu, Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan, from 2006 in the field of Nanoparticle Characterization. Dr. Bhattacharjee and Prof. Lu have jointly published eight (8) papers hitherto in the journals of international repute, in the field of nanomaterials.

Recently, Dr. Bhattacharjee has also started collaboration with Dr. Amit Kumar Chakraborty, Associate Professor in Physics, National Institute of Technology, Durgapur, West Bengal, in the field of nanoparticle synthesis.

CRITERION - IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

Policy for Criterion and Management

In order to create and enhance the infrastructure that facilitates effective teaching and learning, the following policies have been adapted by the College.

- *The management actively offers helps as and when any infrastructural change is required. The infrastructural enhancement is liberally funded on need based of the availability of the funds. With the increase in the strength of students, as per requirement, the Institution approaches UGC for infrastructure development fund as well as seeks various grants from MP and MLA's LAD funds.*
- *The policy also confirms to the strength of the lecturers appointed for the Institution.*

4.1.2 Detail the facilities available for

- a) *Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.*
- b) *Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.*

The College is endowed with excellent physical infrastructural facilities to support the teaching-learning process. The main campus is spread over 37,635 sq. meters. Apart from the College main building and other academic blocks having different departments, the college campus accommodates four students' hostels a spacious auditorium 'Biram Bhawan' and Ramnalini Hall (seminar/conference Hall), a museum, a playground a non-residential students's centre (NRSC), student health home and staff quarters.

Teachers, students and non-teaching staff enjoy the canteen facility within the college premises. The students have their separate refreshment facility in canteen also. The college is well equipped with hygienic toilets in different blocks. Multi-gym, cycle stand, students' common rooms (separate for boys and girls) are also available for students and staff.

The scenic beauty of Ramananda College has been uplifted by several flower gardens as well as well-planned plantation of herbal and medicinal plants. Besides this the natural scenario of Lalbandh amplifies the beautiful part of the college to a peak level.

Computerised library arrangement with proper ventilation and illumination facilities for both students and staff is available within the periphery of the institution. Adequate no. of spacious class rooms with proper sitting arrangement and lighting & ventilation are provided to the students. LCD projectors and sufficient number of Overhead projectors are used for better teaching-learning process. The humanities departments use one smart class room with proper sound system. For conference/ seminar Ramnalini Hall is well equipped with LED television and smart board & podium.

The science departments maintained well equipped laboratories with modern instruments and teaching aids for regular practical classes. Each department is enriched with separate departmental library where sufficient number of books and journals are available for the students and departmental staff.

For quality teaching and modernization at the present day requirement every department occupies internet facilities (unlimited) for all categories of beneficiaries of this college. In addition to this, every teacher has been provided laptop for their official and extracurricular activities.

a) For curricular and co-curricular activities:

- i. Our college has spacious class rooms with proper light arrangement and ventilation and dais.
- ii. *Technology Enable Learning Facility:* Teachers update themselves through e-learning available in every department and staffroom. Not only these e-learning facilities are also available to students in the library reading room. Administrative work as well as financial transactions are carried out by e-governance. Administrative office, library and all the departments connected by LAN.
- iii. *Seminar Hall:* The college has two seminar halls. These halls are regularly used for conducting seminars at the college, state and national level.
- iv. *Tutorial rooms:* The college has no tutorial rooms separately but remedial classes for needy and weak students are taken in general classrooms.
- v. *Laboratories:* The college has 30 well-equipped laboratories, 05 in Chemistry Department, 06 each in Physics, 02 Zoology and 08 Botany Departments 01 in Commerce, 01 in .
- vi. *Botanical Garden/Animal House:* Our college has a well maintained Botanical Garden where the students of Botany department study various plants and other aspects of botanical
- vii. **Specialized facilities and equipments available for teaching, learning and research**

a) For Teaching & Learning

Botany: Smart Board, Overhead projector, LCD projector, charts and models are used for teaching and learning. A large number of herbarium sheets (plants of Bankura District) are preserved in the department which are demonstrated in the classes.

Chemistry: Overhead projector, LCD projector, charts and models are used in the class room teaching.

Physics: Overhead projector, LCD projector, Charts are used in the class room lecture.

b) For Research
Department of Chemistry:

In the department of Chemistry Dr. Kartik Gupta had procured one modern computer and printer for his theoretical research work from UGC minor research. Other equipments like vacuum desiccator, a heating mantle, a mechanical stirrer and resin reaction cattle have been purchased by Dr. A. K. Manna from the UGC minor research project. Not only has that department possessed two centrifuge machines.

Department of Botany:

Laminar air flow, Hot air oven, BOD incubator, Vertical and horizontal gel electrophoresis with power supply, Vortex Mixture, Magnetic Shaker, Electronic pH meter, Conductivity meter, Trinocular microscope, High level dissecting microscopes, Gel illuminator, High resolution digital microscopic camera, Global poisoning system (GPS), UV/Vis spectrophotometer, colorimeter, Distillation Plant (Large), Sartorius Weighing Machine (digital), Cooling Centrifuge, Weighing Machine (100 mg -200gm), Spectrophotometer (Remi) and Autoclave.

The college-staff is given a free access to internet so that they can enrich their knowledge and then in turn the students can benefit from their experience and knowledge.

Auditorium:

Our college is almost 70 years old with a heritage campus. The college is having a modern well equipped and upto the mark technology enabled auditorium for special seminars.

NSS:

College has an NSS unit of 100 students. Various socially relevant services are provided by NSS students like blood donation camp, counter checking of pulse polio drive and health awareness etc.

NCC:

College has NCC unit of 106 students.

Cultural Activities:

The college has been regularly participating in the zonal and inter zonal youth festivals. The students have been participating with full fervour and zeal in all activities.

Public speaking communication skills development:

A spoken English course of three months duration has been introduced from the academic session 2013-14.

Yoga:

Recently a Yoga centre has been started (on Sunday only) for the staff and students.

Health and Hygiene:

In addition to above mentioned activities, our college has a very special concern for the health and hygiene of the college students, staffs and other members. The college specially takes care of the health and hygiene of the college students and staffs.

In the financial year 2013-14 **Rain Water Harvesting** project has been completed with the financial help from Environment Science Department, Govt. Of West Bengal to meet the need of water and to be used by the students, teachers and non-teaching staffs can avail pure cold drinking water through aqua guard and cooling machine.

b) For extracurricular activities:

Sports:

The college has always created a niche for itself in the field of sports. The college has since long times, been participating in the various inter university, university level tournaments. In district college level football tournament our college raised up to semi-final in 2013. The college is proud to give this country some best sports personalities. One of our students Mr. Subhrajit Mukherjee, B.A. –Part –II has participated in Red Road March Past on the eve of Independence Day 2013 at Kolkata and now selected for army coaching camp in Dehradun. In district sports Soumen Murmu secured 3rd position in Javelin throw and has participated in state meet.

Outdoor Games:

The college has a large play ground where students practice Football, Cricket and Volley ball. The college arranges Inter-college Football tournaments, as well as District level football matches.

Indoor Games:

Table Tennis ,chess, carom etc.

Gymnasium:

One well equipped Gymnasium

4.1.3. How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

In the last four years, many buildings have been constructed / renovated. The details of the facilities which have been added are as under:

Session 2010-2011			
Sl. No.	Infrastructure	Amount spent	Comment (If any)
1.	College Building	56,98,738.00	As per audit report
2.	Cycle stand	68,516.00	As per audit report
3.	Hostel(Boys andGirls)	2,73,811.00	As per audit report
Session 2011-2012			
1.	Building and construction	79,20,757.00	As per audit report
2.	Hostel building	2,46,430.00	As per audit report
3.	Non Residential students home	28,509.00	As per audit report
Session 2012-2013			
1.	Building and construction	1,04,65,012.80	As per audit report
2.	Hostel building	2,46,000.00	As per audit report
3.	Cycle stand	55,497.00	As per audit report

Session 2013-2014 is not audited.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

4.1.5 Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available
- Recreational facilities, gymnasium, yoga center, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies
- Library facility in the hostels
- Internet and Wi-Fi facility
- Recreational facility-common room with audio-visual equipments
- Available residential facility for the staff and occupancy
- Constant supply of safe drinking water
- Security

Hostel Facility:

The institution has four hostels in total with seat capacity 250, for girl students with a capacity of 90 girls and 167 boys. Arrangement for hostel facility is made for girls and boys which has spacious, ventilated rooms with provision of bathrooms.

Recreation Facility:

Lush-green open space ground for outdoor recreation and audio visuals aids (TV, Carom board, games etc.) for indoor recreation are provided by the institute. Arrangement for multi-gym is also made available in the college campus.

Computer facility including access to internet in hostel: NIL

Facilities for medical emergencies: NIL

Library facility in the hostels: NIL

Hygiene Facilities:

Water cooler with purified water with constant supply of safe water is available in the college hostel.

Security:

Two permanent employee as guard for college campus for 24 hrs. One security person employed for ladies hostel.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

4.1.7 Give details of the Common Facilities available on the campus

—spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The college has clearly marked space for the common facilities available on the campus. These facilities include IQAC (Internal Quality Assurance Cell), Grievance Redressal unit, Women's cell, Counselling and Career Guidance cell, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility and provision of auditorium etc. the details of such facilities are here as under:

Career counseling sponsored by UGC. The career guidance cell arranges support service to the students about different career opportunities after graduation and pursuit of higher studies like JEST, JAM etc. A career guidance workshop was arranged on 13.06.12 in which Territorial Army made an effort to motivate our students to join them and available opportunities. Professional help provided to the student Sri Vasavi Industries Ltd., Bishnupur invited our students for recruitment as trainee in its factory. Electronics Corporation of India invited our SC and OBC students for free computer training. 50 students benefitted.

Sl. No.	UNIT	Place of Location
1	IQAC	Near hall
2	Grievance Redressal Unit	Letter Box in front of principal's
3	Women's Cell	chamber for boys and girls
4	Counselling and Career Guidance	A small room in Geography Dept.
5	Placement Unit	Room adjacent to Biram Bhavan
6	Health Centre	Near IGNOU centre.
7	Canteen	Extreme east side of the campus.
8	Recreational spaces for staff and students	Staff room separate arrangement made for staff and students.
9	Safe drinking water facilities	Six units in different places
10	Provision of auditorium	Two auditorium(big and small)

4.2 LIBRARY AS A LEARNING RESOURCE

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The institution has a very effective and efficient Advisory committee is as under:

The advisory committee discusses and finalizes the infrastructural and academic requirement of the library and chalks and the strategy regarding the working of the library affairs so that the facility can be utilized to maximum extent by the staff and the students. The committee gives advice to the TIC for the purchase of books and journals.

Newspapers and journals stands in the library provide an access to research, news and other information to the students/readers.

4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.)
- Total seating capacity
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

Sl. No.		Comments
1	Total area of the library	350 sq. Mts
2	Total seating capacity	
3	Working hours (daily)	10 am to 6 pm
3A	Before examination days	10 am to 6 pm
3B	During examination days	As per requirement of the teachers and students
3C	Vacations	Closed
3D	National holidays and holidays as per BU calendar	Closed
4	Layout of the library	Plan attached

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Library holdings	Year -1 (2010-2011)		Year -2 (2011-2012)		Year -3 (2012-2013)		Year -4 (2013-2014)	
	No of books	cost	No of Books	Cost	No of Books	Cost	No of Books	Cost
Text Books	388	1,53,000	750	3,21,994	279	79,916	Not audited	
Reference Books	258		500		186			
Journals/Periodicals					14			
e-resource								
Any Others(Specify)								

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC
- Electronic Resource Management package for e-journals
- Federated searching tools to search articles in multiple databases
- Library Website

- *In-house/remote access to e-publications*
- *Library automation*
- *Total number of computers for public access*
- *Total numbers of printers for public access*
- *Internet band width/ speed 2mbps 10 mbps 1(GB)*
- *Institutional Repository*
- *Content management system for e-learning*
- *Participation in Resource sharing networks/consortia (like Inflibnet)*

Sl. No.		
1	OPAC (ONLINE PUBLIC ACCESS CATALOG)	
2	Electronic resource management package for e-journals	NIL
3	Federated searching tools to search articles in multiple databases	YES
4	Library website	NIL
5	In-house/remote access to e-publication	NIL
6	Library automation	NIL
7	Total numbers of computers for public access	NIL
8	Total number of printers for public access	
9	Internet bandwidth/speed <ul style="list-style-type: none"> ▪ 2 mbps ▪ 10 mbps ▪ 1 gb (GB) 	4 GB
10	Participation in resource sharing networks/consortia (like Inflibnet)	YES

4.2.5 Provide details on the following items:

- *Average number of walk-ins*
- *Average number of books issued/returned*
- *Ratio of library books to students enrolled*
- *Average number of books added during last three years*
- *Average number of login to opac (OPAC)*
- *Average number of login to e-resources*
- *Average number of e-resources downloaded/printed*
- *Number of information literacy trainings organized*
- *Details of “weeding out” of books and other materials*

Sl. No.		
1	Average number of walks –ins	400 (Teaching, Non-teaching, Students)
2	Average number of books issued/returned	300
3	Ratio of library books to student enrolled	10:1
4	Average number of books added during last three years	787
5	Average number of login to OPAC	N. A.
6	Average number of login to e-resources	50
7	Average number of e-resources downloaded/printed	25

8	Number of information literacy trainings organised	N. A.
9	Details of 'weeding out' of books and other materials	Per annum

4.2.6 Give details of the specialized services provided by the library

- Manuscripts
- Reference
- Reprography
- ILL (Inter Library Loan Service)
- Information deployment and notification (Information Deployment and Notification)
- Download
- Printing
- Reading list/ Bibliography compilation
- In-house/remote access to e-resources
- User Orientation and awareness
- Assistance in searching Databases
- INFLIBNET/IUC facilities

1	Manuscripts	N. A.
2	Reference	Many references are available
3	Reprography	N. A.
4	ILL (Inter Library Loan Service)	No
5	Information deployment and notification	N. A.
6	Download	Available
7	Printing	Available
8	Reading list/Bibliography compilation	N. A.
9	In-house/remote access to e-resources	N. A.
10	User orientation and awareness	N. A.
11	Assistance in searching databases	Available
12	INFLIBNET	✓

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Helpful library staff is also accessible to help students and teachers in finding the books. They keep the library noise free so that students' studies could be carried out in the library. The staffs provide the list of categories of various publishers to teacher so that new and relevant books can be purchased for library. The students are helped by the library staff to access the books they desire. The supporting staff is always on its toes to help the staff as well as the students in the library.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.NIL

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)YES

4.3 IT INFRASTRUCTURE

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

1	Number of computers with Configuration (provide actual number with exact configuration of each available system)	List attached
2	Computer-student ratio	
3	Stand-alone facility	
4	LAN facility	
5	Wifi facility	
6	Licensed software	
7	Number of nodes/ computers with Internet facility	
8	Any other	

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching

- learning resources independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

4.4.2

Session	Sl. No.	Infrastructure	Allocated	Utilized
2012-13	1	Building	18,00,000.00	42,18,724.00
	2	Furniture	7,56,846.00	7,56,846.00
	3	Equipment (UGC)	12,8,788.00	8,93,545.00 (Furniture) 1,24,383.00 (Equipments)
	4	Computers		82,020.00
	5	Vehicles		-
	6	Any other		-
2011-12	1	Building	15,50,000.00	3,77,035.00
	2	Furniture	7,29,539.00	6,75,915.00
	3	Equipment		9,51,630.00
	4	Computers		6,19,385.00
	5	Vehicles		-
	6	Any other		-
2010-11	1	Building	24,93,971.00	30,94,051.00
	2	Furniture		15,01,142.00
	3	Equipment		-
	4	Computers		3,77,820.00
	5	Vehicles		-
	6	Any other		-
2009-10	1	Building	17,00,000.00	13,74,000.00
	2	Furniture	21,62,500.00	8,84,159.00
	3	Equipment		-
	4	Computers		14,000.00
	5	Vehicles		-
	6	Any other		-

What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The maintenance and improvement of the campus is under taken with the help of the local administration and Municipal Corporation.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

Annual maintenance and repair of the infrastructure is taken care by the college in a systematic manner. Day to day maintenance is carried out by the non-teaching staff.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)? Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The college has clear cut mentioned places for the sensitive equipments like electricity generators, water purifiers, chemicals and scientific instruments. The laboratory staffs keep a strict visit regarding the maintenance and upkeep of the scientific instruments and chemicals. Their repair or replacement or any other required upkeeps is fully undertaken in their supervision. Similarly, the college electrician and the supporting staff are responsible for the upkeep electrical equipments and their maintenance. The institution has a tie up with the company from which the RO purifiers were brought and the institution pays AMC to the firm for the regular and routine check-up and upkeep of the purifiers.

4.3.1 Details of computer facility available (hardware and software) at the institution

Details of computer:

Number	Processor and other Accessories	Memory	HDD
1 PC(English)	Intel Core 2 duo(2.93GHz), 32-bit OS, 19.5" color monitor, 1 HP LaserJet 1020 plus printer, A4 HP scanner, EPSON Projector	2 GB	100 GB
1PC(History)	Intel Core 2 duo(2.93GHz), 32-bit OS, 19.5" color monitor, DVD RW 1 HP LaserJet P1108 printer,	2 GB	300 GB
1 PC(Physics)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 Cannon Scanner	2 GB	500 GB
1 PC(Physics)	AMD Athlon 64 (1.80 GHz), 32-bit OS, 19.5" color monitor, DVD RW,	192 MB	40 GB
1 PC(Physics) Not working properly	1 HP Desk Jet D1668 printer (Not working properly)		
1 PC(Chem) Not working properly	Overhead projector, EPSON EVS10 projector		
1 PC(Math & Comp. Sc.)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 HP Laser Jet CP1025 color printer	2 GB	500 GB
1 PC(Math & Comp. Sc.)	Intel Pentium dual (2.40 GHz), 32-bit OS, 17" color monitor, DVD/CD, 1 HP Desk Jet 640 C printer (Not working properly)	1 GB	65 GB
1 PC(Math & Comp. Sc.)	Intel Pentium dual (2.40 GHz), 32-bit OS, 17" color monitor, DVD/CD	1 GB	100 GB
1 PC (Math & Comp Sc) Not Working			
1 PC(Botany)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 HP Laser Jet 1020 plus printer, 1 Notevision projector, 1 Meteor overhead projector	2 GB	500 GB

1 PC(Botany) Not working properly			
1 PC(Zoology)	Intel Core 2 duo(2.93GHz), 32-bit OS, 19.5" color monitor, Overhead Projector	2 GB	300 GB
1 PC(Physiology)	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, EPSON EB X10 Projector	2 GB	300 GB
1 PC (Geo)	Intel Pentium G640 (2.80 GHz), 64-bit OS, 19.5" color monitor, DVD/CD, HP Laser Jet CP1025 printer	2 GB	500 GB
Economics & Bengali	HP printer		
1 laptop(Nutrition)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
1PC Commerce	Intel Pentium dual (2.20 GHz), 32-bit OS, 17" color monitor, DVD/CD, HP Laser Jet P1007printer, EPSON LCD projector	1 GB	130 GB
1PC Commerce	Intel Pentium dual (2.20 GHz), 32-bit OS, 17" color monitor, DVD/CD	1 GB	130 GB
1PC Commerce	Intel Pentium dual (1.60 GHz), 32-bit OS, 17" color monitor, DVD/CD	1 GB	150 GB
1 PC Commerce	Intel Celeron(2.66 GHz), 11" color monitor, DVD/CD,	224 MB	40 GB
1 PC Commerce	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 15" color monitor, DVD RW, HP Laser Jet PROCP 1025 printer	2 GB	500 GB
4PC (Commerce) Not working			
1 PC Library	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, HP Scan Jet 200 scanner	2 GB	500 GB
1 PC Library	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor	2 GB	300 GB
1 PC Library	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 HP Laser Jet 1020 plus printer,	2 GB	500 GB

1 PC (Library) (Not Working)			
1 PC (NAAC)	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, HP Laser Jet P1108 printer	2 GB	300 GB
1 PC (NAAC)	Intel Pentium 4(2.66 GHz), 17" color monitor	224 MB	80 GB
1 PC (NAAC)	Intel Pentium G3220 (3.00 GHz), 32-bit OS, DVD RW, 19.5" color monitor	4 GB	500 GB
1PC (Office)	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, HP Laser Jet 1020 plus printer	2 GB	300 GB
1PC (Office)	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, HP Laser Jet 1020 plus printer	2 GB	300 GB
1PC (Office)	Intel Core 2 duo(2.93GHz), 32-bit OS, DVD RW, 19.5" color monitor, HP Laser Jet 1020 plus printer	2 GB	300 GB
1PC (Office)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 HP Laser Jet 1020 plus printer,	2 GB	500 GB
1PC (Office)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, HP scanner	2 GB	500 GB
1PC (Office)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW	2 GB	500 GB
1PC (Office)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW	2 GB	500 GB
1PC(office)	Intel Pentium 4(3.06 GHz), DVD/CD RW, 19.5" color monitor,	248 MB	80 GB
1PC (office) Server	Intel Xeon E3-1220 (3.10 GHz), 15" color monitor	4 GB	500 GB
1PC(office_xerox)	Intel Pentium 4(3.06 GHz), DVD/CD RW, 17" color monitor, HP Laser Jet 1020 printer	248 MB	150 GB
1PC(office)	Intel Pentium 4(3.06 GHz), DVD/CD RW,	248 MB	80 GB

	14" color monitor,		
1PC (office)	Intel Pentium 3 Xeon (2.48 GHZ),	4 GB	300 GB
1PC (TIC)	Intel Core i3-2120 (3.30 GHz), 32-bit OS, 19.5" color monitor, DVD RW, 1 HP Laser Jet 1020 plus printer,	2 GB	500 GB
1 laptop (DELL) (Office)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
1 laptop(DELL)(Office)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
1 laptop(HP)(Office)	Intel Celeron(2.66 GHz), 32-bit OS, DVD RW, 15.6" color monitor	256 MB	80 GB
1 PC (Dr. Kartick)	Intel Pentium 4(3.06 GHz), DVD/CD RW, 17" color monitor	1 GB	80 GB
1 Laptop (Remedial)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor , LCD projector	2 GB	300 GB
1 Laptop (Entry-in- service)	LCD Projector, Microphone-02 Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
1 Laptop (Carrier Counselling)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
1 Laptop (Carrier Counselling)	Intel Atom N455 (1.66 GHz), 32-bit OS, 11" color monitor	1 GB	230 GB
1 Desktop (Student Union)	Intel Pentium G640 (2.80 GHz), 64-bit OS, DVD RW,19.5" color monitor, HP Laser Jet P1108 color printer	2 GB	500 GB

Computer student ratio: Departments with computer lab like department of Mathematics has the computer and the student in the ratio 1:8 and Department of Commerce has the computer and student in the ratio of 1:5. The ratio of the computer and the students is approximately 1:15.

Stand Alone facility: More than 50 computers work as standalone computers.

LAN facility: 14 computers (Office and TIC room) and 2 computers of NAAC room are connected with LAN connection. 3 computers of the Library are connected together. The computers of the library can also be connected to the office LAN, if needed.

Wifi facility: 2 wireless modems are used to enable wifi connections one for all the departments and the other for the institution's office.

Licensed software: Microsoft Windows7, Microsoft Windows8

MS Office

Quick Heal, Kaspersky, Antivirus

College Administration Management System

DR Sheet Management System

COSA (Govt. Software is used solve teaching and non-teaching staff's salary related query)

Library Management Software

Number of nodes / computers with internet facility: More than 30 computers have internet facility

Any other: The College has its own website: www.ramanandacollege.org , maintained by 'Cyberanq' and the college is upgrading its hosting from 1GB to 2 GB.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on and off-campus?

Internet service is available in the college for faculty and students. There are more than 30 computers with the facility of Internet in each distributed in the office, library and academic departments. Four broadband facility has been installed one from BSNL (512 Kbps) (is used by the college office) and three from local cable line (one (4 Mbps) is used by all the departments including library, one for student union office room (256 Kbps), one (4 Mbps) for college office room). The T.I.C office, Administrative block, NAAC office and all of the departments except Physical Education department have the facility of internet. The ratio of the computer and the students is approximately 1:15.

Total No. of computer allotted to the faculty = 48

A detail of computer, allotted to the faculty is given in the table below.

No of Laptop	Processor and other Accessories	Memory	HDD
15 Laptop(DELL)	Intel Core 2 duo(2.20GHz), 32-bit OS, DVD RW, 15.6" color monitor	2 GB	300 GB
32 Notebook(Acer)	AMD C-70 (1.00 GHz), 64-bit OS, 11" color monitor	4 GB	500 GB
1 Notebook(HCL)	Intel Celeron(1.40 GHz), 14" color monitor, DVD/CD,	224 MB	40 GB

4.3.3 What are the Institutional plans and strategies for deploying and upgrading the IT Infrastructure and associated facilities?

The institution in the near future is optimistic as far as the infrastructural up gradation is concerned. The college intends to upgrade the PCs with latest configuration available in the market. Annual expenditure of the Institution for deploying and upgrading the PCs is about Rs.1 lakh.

4.3.4 Provide details on the provision made in the annual budget for procurement, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four year)

Detail of Expenditure for procurement, deployment, maintenance of the computers:

<i>Year</i>	<i>2009-2010</i>	<i>2010-2011</i>	<i>2011-2012</i>	<i>2012-2013</i>
<i>Expenditure</i>	14,000	3,77,820	6,19,385	82,020

4.3.5 How does the Institute facilitate extensive use of ICT resources including development and use of computer-aided teaching/learning materials by its staff and students?

Computers are available for specific use in some departments. The teachers liberally take help of the ICT resources to enrich their prescribed curricular with the help of internet. The college has adequate computer facility for its faculty. Faculty members are provided with computers with internet facility for preparation of teaching/learning materials in their respective departments. Also the available projectors are used efficiently to demonstrate the study materials. The college also has a fully air-conditioned hall. The faculty and students can use the library, which is computerized with internet facility, to prepare their study materials.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The institute has always been placing the students at the centre of the teaching learning process. The vision and the mission of the institute have always been to provide holistic knowledge to its students. Keeping the students' learning at the centre of concern, the institute encourages teachers to take part in orientation programs. Use of technology has become very vital in imparting quality based education. The institution encourages the staff to undergo training on the computer-aided teaching. The college also has been conducting week-long sessions, in tune with the orientation courses for the college faculty on the use of computers. Modern audio-visual teaching aids like LCD projectors, Overhead projectors etc. are used to impart effective teaching. The College has 11 Projectors of its own.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university?

The Institute does not avail the National Knowledge Network connectivity directly or through the affiliating university.

CRITERION - V

STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Every year, before commencement of academic session, the prospectus is published. The **prospectus** of the college is prepared for all courses with updated information every year. These are given to the applicants along with the application forms at the time of admission at a subsidized rate. It contains all the information required for the students for a smooth and effective college life. It includes:

- VISION AND MISSION OF THE COLLEGE.
- BRIEF HISTORY OF THE COLLEGE
- ACADEMIC STANDARD AND RESULTS:
- SCHOLARSHIPS AND STUDENTS' CONCESSION:
- CAREER COUNSELLING & PLACEMENT:
- EXPANSION & DIVERSIFICATION
- EX-STUDENTS' ASSOCIATION
- COURSES OFFERED BY THE COLLEGE AND DISTRIBUTION OF MARKS AS PER SYLLABUS OF THE UNIVERSITY OF BURDWAN
- LIST OF PROGRAMMES
- TOTAL INTAKE CAPACITY
- RESTRICTION ON COMBINATION/ELECTIVE SUBJECTS WITH HONOURS COURSE
- LIST OF TEACHING & NON-TEACHING STAFF
- RAMANANDA COLLEGE STUDENTS' UNION
- COMMITMENT AND ACCOUNTABILITY
- LIST OF MEMBERS OF DIFFERENT ADVISORY COMMITTEES
- MEMBERS OF THE COLLEGE GOVERNING BODY
- PROVISIONAL ACADEMIC CALENDER
- SOME REMARKABLE PERFORMANCES BY THE STUDENTS IN EXTRA-CURRICULAR ACTIVITIES IN THE RECENT PAST
- NAAC PEER TEAM REPORT (BEST PRACTICES OF THE COLLEGE)
- INFRASTRUCTURE AND FACILITIES, LABS, LIBRARIES, OTHER LEARNING RESOURCES, HOSTEL FACILITIES
- ADMISSION RULES, SEATS AND RESERVATIONS CRITERIA, FEES, ATTENDANCE
- SCHOLARSHIPS, AWARDS, FINANCIAL ASSISTANCE
- CO-CURRICULAR ACTIVITIES, CAREER GUIDANCE, EXTRA-CURRICULAR ACTIVITIES
- STATUTORY INFORMATION AND NOTICES, CONTACTS INFORMATION
- DISCIPLINE, DOS AND DON'TS
- PHOTO GALLERY

5.1.2 Specify the type, number and amount of institutional scholarships / freships given to the students during the last four years and whether the financial aid was available and disbursed on time?

Institutional scholarships / free ships

Considering the socio-economic status of the students, a large volume of financial assistance is provided through the Student Aid fund and tuition fees-concession. The deserving candidates are recommended by the respective departments & concession subcommittee of the college. The office of the College and the subcommittee of Students'

Aid fund also help the student to apply offline for Government Scholarships. Principal forwards applications of eligible students and take care of the disbursement of Scholarship to students in time.

The institution provides sufficient financial assistance in the following manner:

Free ship and half-free ship have been given to 30-42% students beyond the Govt. funded scholarship.

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

Approximately 20-25 % of the students receive financial assistance from State Government, Central Government and other National Agencies. The scholarships are provided for Minorities, SCs, STs, Physically disabled, OBCs and also for meritorious student. Meritorious scholarships are provided by the Govt and other agencies like Sitarm Jindal Foundation, North South Foundation, Ramkrishna Scholarship, Rastriya Sanskrit Santhan, Moulana Azad Education Scholar, Bidi Sramik Scholarship, Chief Minister Scholarship, Indian Oil Scholarship, Priyambda Birla Scholarship, Jyotir Bikas Mitra Endowment Fund Society, Railway Sholarship, Deference Student Scholarship, LIC Scholarship etc.

5.1.4 What are the specific support services/facilities available for Students from SC / ST, OBC and economically weaker sections

- *Scholarship is given by the state government*
- *Reservation in admission is provided*
- *Remedial coaching is provided*
- *Freeship and half freeship for tuition fees are provided on merit-cum-means basis*
- *The College has a student welfare fund for needy students for books, tuition fees and also for medical help*

Students with physical disabilities

- *Proposal has given in the UGC XIIth plan for elevator installation to meet the needs of the students with physical disabilities.*

Overseas students

- *No Overseas students are admitted*

Students to participate in various competitions/National and International

- *Special coaching classes are taken and guidance is given*
- *Career oriented coaching classes are taken*
- *Competitive books & magazines facility is provided*
- *Computer with net facility is provided*

Medical assistance to students: health centre, health insurance etc.

- *The college's Student Health Home caters to the health problems of the students & provides them with medical aid (First-aid).*
- *In case of emergencies, the patient is taken to the Bishnupur SD Hospital or Local Nursing Homes as they prefer.*
- *Heath Camps are organized for health checkups for students.*

Organizing coaching classes for competitive exams

- *UGC Sponsored Coaching For Entry Level Examinations in different Government and Non-Government Service specially for the SC/ST/OBC (excluding creamy layer), Minorities and economically backward families*

- *Competitive books & magazines facility is provided*

Skill development (spoken English, computer literacy, etc.,)

- *Exposure given to Computer with net facility*
- *Spoken English course is running for communication development*
- *Efforts have been made for computer literacy programme of the college and also serving the need of the students, teachers & non-teaching employees.*

Support for “slow learners”

- *Remedial classes & Tutorials are organized for such slow learners*
- *They are guided to take coaching from specialists in the field*
- *Simplified versions of books are recommended to them*
- *Special tests are conducted for them & Trial tests and mock examinations*
- *Bilingual explanations and discussions*
- *Concept clarification and problem solving exercises & Provision of simple but standard lecture notes/course material.*
- *Revision of topics and practicals*
- *Personal, academic and social counseling*

Exposures of students to other institution of higher learning/corporate/business house etc.

- *Career Oriented workshops with corporate/business house by the career counselling cell*
- *Participation in Seminars in & inviting experts on various subjects other institution of higher learning*
- *Job Training Programmes and organized by the career counselling cell.*

Publication of student magazines

- *The Student Union of the College annually publishes a magazine for students under the supervision of the college.*
- *The students of the following departments & units bring out Wall magazines which comprises general as well as articles relating to the subject.*
- *Wall magazines are published by all the departments of Arts, Science & Commerce.*
- *Students are also encouraged by the college for financial assistance for publication in creative writings and one of a student published one poetry book.*

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

- *The Institution encourages innovative, creative and entrepreneurial in their approach, to ensure skill development amongst the students.*
- *Career counselling cell has organized seminars, guidance workshops and career counseling sessions for students to inform them about the courses related to higher studies and the emerging professional trends and events.*
- *Career Oriented workshops are hold with corporate/business house by the career counseling cell.*

Impact of these efforts

- *Some of our students have been employed in public and private sector*
- *Skill enhancement opportunities provided by the College paved their way for higher education in prestigious institutes.*
- *Professionalism has been instilled in them*

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

To promote participation of students in extra-curricular and co-curricular activities, the Sports Wing, NSS Unit and Student Union of the College chalk out the policies and strategies. Competitions are organized for all the fresher's which are ways of showcasing the singing, dancing, aptitudes for debates, elocution, quiz and theatrical skills of the students.

For promotion of the competition among students, annual competition & prize distribution ceremony holds in January every year. Students also participate in Youth Parliament Competition & Quiz Contest organized by our college under the sponsorship of the Ministry of Parliamentary Affairs, Govt. of West Bengal. This kind of competition promotes democratic thought & parliamentary awareness among students. In the college an academic forum namely "BIKSHAN" has been constituted by the faculties of Social Sciences & Humanities to promote research and academic enhancement. The teachers, students & eminent persons participate in the programme and series of lectures & discussions organised by BIKSHAN.

*** Additional academic support, flexibility in examinations**

Certification, felicitation, special coaching classes and guidance, Reservation in admission, remedial coaching & peer learning

Flexibility in examinations: Exemption from the house tests and attending classes.

Special dietary requirements: The College arranges for special lunch packets during their practice and performance in competitions.

Sports uniform and Materials: Sports kit with uniform & Sports Material for sports like Cricket, Table Tennis, Carom Board, football etc are provided.

Any other: Various incentives and concessions such as free-ships, scholarships & special leaves are granted by the College authority to participate in competitions.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

This is an undergraduate constituent college of Burdwan University having one PG department in Botany. The College is not autonomous in academic activities like curriculum formulation, examination and admission of PG students. The minimum criterion needed to apply for NET/SLET/GATE is 55% in master degree. So the College actively cannot encourage the students for competitive examinations like UGC-CSIR-NET, SLET, etc. But the teachers also guide and encourage the students through entry in service scheme & career counseling scheme of the UGC.

Under the UGC scheme on Coaching Classes for Entry in Services for SC/ST/OBC (non-creamy layer) & Minorities some of the steps have been taken by our college as follows.

1. To prepare students to gain useful employment in Group 'A', 'B' and 'C' in Central services, State services and equivalent positions in private sector.

2. To orient students for particular examination conducted for selection to services such as IAS, State Public Services, Bank recruitment etc.

This scheme guides to the examinees of the state civil services examinations (WBCS). It has been continuing in our college from 2010 with good response from the stakeholders.

Information regarding student beneficiaries is mentioned year wise in the following table:

Year	Coaching Classes for Entry in Services for SC/ST/OBC(non-creamy layer) & Minorities				
	SC	ST	OBC	Minorities	Total
2010-11	71	16	97	26	210
2011-12	71	16	97	26	210
2012-13	71	16	97	26	210
2013-14	22	6	31	5	64

However, the College alumni have a good record of accomplishment in these examinations. The institution is proud enough to boast about students who have graduated from this institution and successfully passed out in these examinations.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc?)

Academic counselling: The Admission Committee conducts academic counselling at the time of entry into the College regarding the choice of stream and subjects. Academic counseling is given to the students through various seminars and workshops organized for them.

Personal counseling: Personal counseling is received by the students through teachers. Principal and other Persons of the authority are available in their free time to listen to the various problems of students.

Career counseling: Career counseling is also handled by the Career Counseling Cell funded by UGC through seminars, workshop and interaction with various entrepreneurs and professionals from different field. Career/course counselling begins right at the time of admission through the Admission Committee. The teachers guide and direct the students regarding the choice of stream / subjects. Seminars and Career Fairs are other ways of disseminating information among the students and counselling them regarding career options. The cell has gathered information on different courses related to higher studies, job avenues and placements in different institutions and concerns related to the courses that the college offers through internet and papers and magazines like "Employment News", "Karmakshetra", and "Career". The Cell has analysed the gathered information in the local and regional contexts to explore its relevance and utility for the students in their future careers.

Psycho-social counseling: By the recommendation of the head of the departments principal takes initiative for counseling of any student whenever need. The hostel superintendents, who regularly visit the hostel, give individual attention to each of the students and it has been found that the students are more free to express their Psycho-social problems.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

❖ *The institution doesn't have a structured mechanism for placement of its students and the cell is designed for only career counseling of students but not for their placement. Still the Career and Counseling cell of this institution tries to offer professional help to its students by arranging training for them or recommending them for their placement in some of the local organizations, within the scope of the cell. The following list will throw some light on the professional help provided to the students by the Career and Counseling cell:*

(1) **Sri Vasavi Industries Limited**, Bishnupur had invited applications (letter dated 10.07.2010) for recommendation of students with Science background in undergraduate course as candidates for the post of trainee in its factory. A list of candidates was sent by the Career and Counseling Cell, Ramananda College on 26.07.2010, as a follow-up action. (Appeared: 11, Selected: 06, % of selection: 54.54)

(2) **Sri Vasavi Industries Limited**, Bishnupur had invited eligible candidates' profile (letter dated 13.11.2010) for the post of Receptionist (Female) in the company. A list of candidates was sent by the Career and Counseling Cell, Ramananda College on 31.11.2010, as a follow-up action. (None appeared for the interview)

(3) **Electronics Corporation of India Limited** (A Govt. of India Enterprise, under the Dept. of Atomic Energy) had invited applications from suitable SC and OBC candidates for free Computer training in Advanced Diploma in Software Technology (ADST) and Diploma in PC Hardware & Networking (DPCHN), with monthly stipend, sponsored by **Ministry of Social Justice & Empowerment, Govt. of India within 31.03.2011**. A list of candidates with corresponding applications was sent by the Career and Counseling Cell, Ramananda College, in due time. (Applied for: 17, Selected: 17, % of selection: 100%)

(4) **Electronics Corporation of India Limited** (A Govt. of India Enterprise, under the Dept. of Atomic Energy) had invited applications from suitable SC and OBC candidates for free Computer training in Advanced Diploma in Software Technology (ADST) and Diploma in PC Hardware & Networking (DPCHN), with monthly stipend, sponsored by **Ministry of Social Justice & Empowerment, Govt. of India within 31.03.2012**. A list of candidates with corresponding applications was sent by the Career and Counseling Cell, Ramananda College, in due time. (Applied for: 26, Selected: 26, % of selection: 100%)

(5) **Pan Seeds Pvt. Ltd.**, Kolkata, had organized a campus recruitment process for students of science stream in association with the Career and Counseling Cell, Ramananda College. The process consisted of a written test on 20.02.2014 at the college premises followed by an interview for the short-listed candidates in Kolkata office of the company. Two students from Post Graduate Course in Botany, Ramananda College, were selected as On-Job-Trainee through this campus recruitment process by the company. (Appeared: 15, Selected: 02, % of selection: 13.33)

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. The College has a "Grievance Redressal Cell" to redress the grievances of the stakeholders. The students approach the Cell for their grievances regarding academic matters, financial matters, health services, library and other central services.

The committee sorts out their problems promptly and judiciously. The committee also redresses the grievances of the stakeholders as and when required. As a result of this mechanism, the University has pleasant ambient atmosphere and good work culture with in-built goodwill and mutual understanding among the stakeholders.

The composition of the students' Grievance Redressal cell is as under:

- Principal - Chairman
- Teachers' Council Secretary - Members
- Secretary of the Non-Teaching Staff Associations - Members
- Convener of the Women Cell – Member
- General Secretary of Students' Union--Member
- A Teacher (Nominated)

Convener of the cell Grievances redressed during the last two years of Students:

1. New Class Rooms for Arts Departments.
2. New Girls Common Room with proper facilities.
3. Computer and Internet Access for students.
4. More books according to new syllabus in the central library.
5. Relief of Tuition fees for poor & meritorious student

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

Governing Body of the College constituted the **Women Cell**. The cell encourages students & staff to participate in all cultural activities. It inspires them for empowerment socially and financially. The cell makes women students aware of the social responsibilities and gives them mental support to fight against sexual harassment of women students and for other women of the society. This cell takes initiatives for guidance and counselling of female students.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Ragging has been banned in the college and it is incorporated in the prospectus every year. The College has adopted the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 & has constituted an Anti-Ragging Committee governed by the senior staff members of our college. No instances of ragging have been reported during the last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Yes, there is a provision for welfare schemes for students. Prominent among them are:

I. Academic

- Remedial Teaching for slow learners.
- Career Counselling.
- Training for Competitive Examinations.

II. Cultural

- Organization of cultural and sports events / activities.
- Encouragement for participation in intra & inter-college debates sports etc.
- Promotion of Performing Art.

III. Social, and Financial

- Ensuring Reservation
- Scholarships and Freeships.
- Free UGC Sponsored Remedial Coaching classes and Coaching for Competitive Exams to Join Services for SC/ST/OBC/Minority students

IV. Infrastructure

- Students' canteen.
- Drinking Water (Aqua Guard Facilities).
- Indoor Sports facilities.
- Common Room (Boys & Girls separately)
- Gents and Ladies Toilets for Students
- Cycle and Bike Stand.
- Playground

- Gymnasium
- Recreation Hall

V. Health

Health and hygiene awareness campaign provided by Ramananda College Health Home:

- Monitoring the health of the students, teachers and non-teaching staff is done regularly.
- First Aid Kits are provided in the Student's Union Room and in the Staff Room by the unit.
- Provision for blood pressure checkup and height and weight measuring instruments are present.
- NSS also volunteered to provide free medical check-up.
- Organised a camp for Blood Test of Thalassemia.
- Organised a workshop for Awareness about Cardio-vascular resuscitation by the department of physiology.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development? Yes

Ramananda Mahavidyalaya Praktan Chhatra Samiti (Or Ramananda College Alumni Association) was formed in 1996 by the Alumni of Ramananda College on the occasion of Golden Jubilee Celebration of the college.

The aforesaid Samiti became a Registered Society under Registration of Societies Act, XXVI, 1961 of the Govt. of West Bengal in June 2001. The Registration No. of Ramananda Mahavidyalaya Praktan Chhatra Samiti is S/11/3842(2001-02).

• Activities of Ramananda Mahavidyalaya Praktan Chhatra Samiti:

I. Annual activities:

a) Shramdaan Karyakram:

Every year during February - March, members of the Samiti undertake a Shramdaan Karyakram (Voluntary donation of labour) in the College Campus. In this programme ex-students do all types of campus cleaning works such as cleaning of drains and sunshades, removal of bushes and unwanted weeds, removal of garbage, etc. They also clean and wash the statues of great men which stand in the college campus. It may be mentioned that Shramdaan Karyakram is a compulsory annual programme of the Samiti. For five successive years the programme has been carried out without break.

b) Holding of Annual General Meeting:

The Annual General Meeting of the Samiti is held every year.

c) Friendly match with present students:

Every year a friendly Football Match between the present students and the alumni is arranged. For greater participation of viewers this match is scheduled on the day of Annual General Meeting.

II. Reunion:

After the formation of the Alumni Association (Samiti) reunion of present and past students have been organised under the auspices of the Samiti at an interval of 2-3 years. The present students and the alumni participate in these reunion programmes in large numbers.

III. Social Function:

Social functions have also been organised by the Alumni Association to acquaint our present students with those alumni who have acquired a place in the field of vocal & instrumental music, dance and other forms of entertainment. Residents of the town in general and our present and past students attend this variety entertainment programme in large numbers.

IV. Major programme undertaken by Ramananda Mahavidyalaya Praktan Chhatra Samiti in the service of Ramananda College (THE GOLDEN JUBILEE MEMORIAL BUILDING)

In response to the call of Golden Jubilee Celebration Committee of the Samiti, the alumni have contributed around Rupees two Lakhs twenty thousand (Rs. 2,20,000/-) to the Ramananda Mahavidyalaya Praktan Chhatra Samiti for the construction of Golden Jubilee Memorial Building. The said building is under construction by the joint effort of the Ramananda College Alumni Association and the Ramananda College Authority.

V. Plantation programme in College Campus:

To beautify the campus of their Alma Mater and to provide it a scenic look the Alumni Association has initiated a plantation programme, though in a small scale.

VI. Future plans of the Samiti:

- To prepare an authentic data bank on the alumni of Ramananda College, Bishnupur.
- To organize seminars on relevant social, educational, scientific and cultural topics.
- To organize Blood Donation Camps.
- To invite the ex-students who hold important positions in various fields to deliver lectures and to inspire the present students.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

	Student Progression %					
	UG TO PG			PG TO M.PHIL	PG TO Ph. D	
Year	B.A	B.Sc	B.Com	M.Sc		Approx. 50-52%
2010-11	42	70	60	Unavailable	Unavailable	
2011-12	45	68	58	Unavailable	Unavailable	
2012-13	40	72	56	Unavailable	Unavailable	
2013-14	48	75	60	Unavailable	Unavailable	

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

The students of the college gets good pass percentage and also 1st classes in most of the streams in the University Exams. We also have better results in comparison not only to other institutions but also our average pass percentage is better than the University Pass percentage in B.A. B.Sc. and B.Com. Honours and General Courses. The table provided here is an ample proof of the scholastic level of our students.

Programme wise pass percentage and completion rate for the last four years

	Prog.	2010-11		2011-2012		2012-13		2013-14	
		Pass %	Completion %	Pass %	Completion %	Pass %	Completion %	Pass %	Completion %
1	Bengali Honours	80	92	78	88	76	90	75	90
2	Botany Honours	90	94	88	92	85	90	86	92
3	Commerce Honours	89	90	90	92	86	92	85	91
4	Chemistry Honours	85	92	81	91	82	89	84	89
5	Economics Honours	75	85	78	80	81	85	76	82
6	English Honours	80	90	78	88	81	91	78	88
7	Geography Honours	84	90	81	92	80	90	82	88
8	History Honours	80	88	76	85	74	85	76	84
9	Mathematics Honours	78	85	74	80	73	85	70	84
10	Nutrition Honours	80	85	81	88	80	89	78	89
11	Philosophy Honours	76	82	74	84	75	82	80	84
12	Physics Honours	81	95	82	90	82	86	81	84
13	Physiology	76	82	74	80	70	82	72	80

	<i>Honours</i>								
14	<i>Political Science</i>	75	80	74	80	72	81	73	80
15	<i>Sanskrit Honours</i>	80	84	76	80	72	80	70	84
16	<i>Zoology Honours</i>	75	81	78	84	75	81	76	82
17	<i>B.A. General</i>	65	78	62	70	60	72	58	82
18	<i>B.Sc. General</i>	70	80	68	81	64	81	61	75
19	<i>B.Com General</i>	65	81	64	82	61	81	64	80

Pass Percentage

<i>Course</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>
<i>B.A. Honours</i>	52	55	55	53
<i>B.Sc. Honours</i>	70	72	70	72
<i>B.Com. Honours</i>	60	56	58	60
<i>B.A. General</i>	48	50	48	45
<i>B.Sc. General</i>	50	52	54	56
<i>B.Com. General</i>	45	47	53	50

Comparison of the Overall Pass % of the institution & University

	<i>2010-11</i>		<i>2011-12</i>		<i>2012-13</i>		<i>2013-14</i>	
	<i>College</i>	<i>University</i>	<i>College</i>	<i>University</i>	<i>College</i>	<i>University</i>	<i>College</i>	<i>University</i>
<i>B.A. Honours</i>	52	55	55	55	55	54	53	55
<i>B.Sc. Honours</i>	70	64	72	59	70	65	72	62

B.Com. Honours	60	52	56	60	58	56	60	50
B.A. General	48	43	50	45	48	45	45	38
B.Sc. General	50	58	52	59	54	53	56	53
B.Com. General	45	56	47	50	53	60	50	56

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

Remedial classes and peer learning help the slow learners cope with their studies. The institution facilitates student progression to higher level of education/ employment in the following ways: Personal counselling, mentoring and tutorial system instilling confidence and achievement drive in each and every student Regular conduct of internal exams, preparation of progress reports, open house programmes with parents etc., instilling an achievement drive in students Campus atmosphere of study, research, interaction with eminent persons, exposure to various programmes . Coaching/ special training provided for writing examinations such as School Service Commission and Staff selection commission and Public Service Commission.

The Career and Counselling Cell is set up in order to lend a helping hand to the students so that they can cope better with the demands and pressures of increasingly competitive surroundings and prepare them for their future career, & for that the cell organizes campus and seminars as required regularly.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The following special support is provided to students who are at risk of failure and drop out:

Concessions are offered to economically backward students to pursue their studies.

- Tutorials, discussions, interactions and remedial coaching.
- Personal, academic and social counselling.
- Concept clarification and problem solving exercises.
- Bilingual explanations and discussions.
- Provision of simple but standard lecture notes/course material.
- Revision of topics

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Cultural and Extra-curricular activities:

- Freshers' Welcome: At the beginning of the Academic Session, after admissions are complete, the Students' Union organizes Freshers' Welcome for the newly admitted students.

- *Cultural Activities: The students of this College are enthusiastic about active participation in cultural activities like theatre, dance-drama, singing competitions etc.*
- *Prize Distribution Ceremony: Prizes are distributed among successful candidates who have topped among the College students in various University Examination, and to winners of Singing, Recitation, Debate, Extempore Speech and Quiz Competitions.*
- *Inter-Institutional Cultural Competition: Participation in Youth Parliament competition.*

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

- *Our College has organised the XIth Non-govt.college Athletic meet and Football championship (District level) from 12-29th January, 2010.*
- *One of our Student Sri Subhrajit Mukherjee, BA-Part-II has participated in Red Road March past on the eve of Independence Day 2013 at Kolkata and now selected for Army coaching camp in Derhadun.*
- *In College Annual sports Sri Nizamuddin Ali Khan secured 1st position in Board Jump 100 mtr & 200mtr.*
- *In district level sports Somen Murmu secured 3rd position in Javelin throw and has participated in state but could not achieved.*
- *In district college level football tournament our college raised up to semifinal.*

Level of Participation	Participation of students			
	2010-11	2011-12	2012-13	2013-14
University	Football, NSS Workshop	Football	Football	Football
State	Athletics, Youth Parliament Competition & Quiz Contest	Athletics.	Athletics	
Zonal	--		NCC	
National	--	NCC Camp		
International	--			

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The institution has the following effective mechanism to seek and use data and feedback from its graduates and employers to improve the growth and development of the institution.

- *The College hands out feedback proforma to the students regarding the course content as well as teacher evaluation. The feedback obtained is analyzed by the IQAC and the Principal takes necessary action to enhance the performance of teachers and quality of the institutional provisions.*
- *The institution also has regular interaction with employees and uses their feedback to improve upon its weaknesses and build upon its strengths.*

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- The institution involves and encourages students to publish materials like wall magazines, college magazine, and other material in the following ways:
- Faculty members & HODs guides and support students in the publishing of a college magazine. Students union of our College publishing magazine annually.
- Students are encouraged to write wall magazines, departmental activities and various news regarding subject/faculty and display on display boards of all the departments.
- The major publications brought out by the students are the articles/essays/poems in annual magazine written by them during the previous four academic sessions.
- One of our students has published a book on poems by the support of the college.
- In addition to this some departments bring out wall magazines which comprises topics relevant to the latest developments in those subjects:

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The College has a Students' Union.

Constitution: The statute of the Burdwan University lays down the objectives, role regarding the functions, election of its body and names and number of portfolios it should have, framed by the University.

Major activities: The Students' Union is an active and constructive body in the College managed democratically by the students themselves. They organize a spectrum of activities. A summary of the annual activities is given below:

Annual activities : Fresher's Welcome; Inter Class Cultural Competition; Inter Class Sports Competition; Annual Sports; Students Festival; Publication of College Magazine; Saraswati Puja; Organizing debates & quiz competition; Participations in seminars of the college; Organizing Career Counseling; Providing Financial Aids from a special fund—Students' Aid

- It maintains an atmosphere of unity and brotherhood and promotes an academic environment in the College campus.
- Bring forward the grievances of the students to the notice of the authorities.
- Create a link between administration & students.
- Conduct the assembly; maintain discipline and cleanliness in the institution.
- Publishes a Magazine namely **SANKHA**
- Working against ragging

Funding: Most of the financial requirements of the students' union are met by the college. College Fund the Annual activities of the students Union and budgetary allocations are made for that at the beginning of each financial year.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

There is a student representative in every important academic and administrative body and also in every extension unit of the college. The institution encourages participation of the students in all college development activities including planning and implementation. There are representatives of the Students' Union in important academic and administrative bodies for college development for quality sustenance & quality enhancement like the Governing Body ; Finance Sub-Committee; Academic Sub-Committee ; Internal Quality Assurance Cell; UGC Planning and Implementation Board (XII Plan); Building Sub-Committee; Routine Sub-Committee.; Examination and Result Sub-committee.; Computer/ICT Development Sub-Committee; Grievance Redressal Cell; Anti-Ragging & Disciplinary Sub-Committee; Women cell etc.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the

Institution.

The institution networks and collaborates with former faculty and the Alumni through the Alumni Association, and Alumni Meets.

Ramananda Mahavidyalaya Praktan Chhatra Samiti (Or Ramananda College Alumni Association) was formed in 1996 by the Alumni of Ramananda College on the occasion of Golden Jubilee Celebration of the college.

The aforesaid Samiti became a Registered Society under Registration of Societies Act, XXVI, 1961 of the Govt. of West Bengal in June 2001. The Registration No. of Ramananda Mahavidyalaya Praktan Chhatra Samiti is S/11/3842(2001-02).

Holding of Annual General Meeting:

The Annual General Meeting of the Samiti is held every year.

Friendly match with present students:

Every year a friendly Football Match between the present students and the alumni is arranged. For greater participation of viewers this match is scheduled on the day of Annual General Meeting.

Reunion:

After the formation of the Alumni Association (Samiti) reunion of present and past students have been organised under the auspices of the Samiti at an interval of 2-3 years. The present students and the alumni participate in these reunion programmes in large numbers.

Any other relevant information regarding Student Support and Progression which the college would like to include.

Any other relevant information regarding Student Support and Progression which the College would like to include.

Measures Undertaken:

Career and Counselling Cell: The Career and Counselling Cell of the College was formally constituted in the year 2006 as advised by the NAAC Peer Team in 2006. The cell has now received a formal recognition from UGC under the XII Plan Merged Scheme Funding. Dr. Ajoy Kumar Manna is the Coordinator of the cell who is assisted by various staff of the college. The cell is created in order to lend a helping hand to the students so that they can cope better with the demands and pressures of increasingly competitive surroundings. The Career and Counselling Cell is set up to guide the students for competitive surroundings and prepare them for their future career, & for that the cell organizes campus and seminars as required regularly.

- *Participation in Seminars in & inviting experts on various subjects other institution of higher learning*
- *Job Training Programmes and organised by the department of career counselling cell & the NSS Units.*

UGC Sponsored Coaching for Entry Level Examinations in different Government and Non-Government Service specially for the SC/ST/OBC (excluding creamy layer), Minorities and economically backward families. Competitive books & magazines facility are also provided.

The specific support services/facilities available for Students from SC/ST, OBC/Physically Challenged and economically weaker sections:

UGC Sponsored free Remedial coaching classes, proposal for Installation of an elevator is underway to meet the needs of the students with physical disabilities.

Exposure given to Computer with net facility.

CRITERION - VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision

As the institution is situated in the arid zone and backward area of the western part of West Bengal the vision of the institute is to bring equitable development in its surroundings by providing quality education and to achieve excellence in Higher Education.

Mission:

1. *To attract the youth of the backward areas by providing job-oriented knowledge of higher education.*
2. *To ensure the participation of all stakeholders in the development process of the institution.*
3. *To provide the quality education and to convey the opportunities of higher education to the society for the excellency in future.*
4. *To optimal use of available human and natural resources for the socio-economic development.*
5. *To aware all the members of the society regarding human rights, culture, heritage ethics and cleanliness of environment.*
6. *To be alert about all-round development of the institution by adopting the modern and updated knowledge in teaching learning process.*
7. *To be conscious regarding the changes in academic environment.*

The following strategies/mechanisms defines how the institution tries to implement its missions and addresses the needs of the society, students, the institution's traditions value orientations and future vision:

The strategies and mechanisms adopted by the institution to arrive at its mission are:-

1. *To extend financial assistance to the students from backward community complying with the norms of the Govt.*
2. *To maintain the infrastructural facility and to add time to time for the holding of academic programmes in the campus.*
3. *To involve all the stakeholders in taking decision in democratic way and to search the feasibilities for its implementation.*
4. *To ensure the participation of the students in various cultural and sports activities for the mental and physical development.*
5. *To set up career counselling cell, cell for coaching classes for entry-in-service, remedial coaching classes for the socially and economically backward students, grievance redress cell and other welfare measures for the improvement of the students and the members of the society.*
6. *To update the laboratory facilities for imparting knowledge regarding latest development.*
7. *To enrich the library facilities and to open up the access of the students to have sufficient knowledge in different subjects.*
8. *Future plan is to enlarge the campus by introducing different new subjects in UG and PG levels.*

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

By following the Govt. guidelines, the Management of the College under the leadership of Principal formulates the quality policy and plans of the institution. All the teaching and non-teaching staff play the vital role for its implementation. The

Governing Body of the College constitutes different sub-committees under the convenership of a teaching staff for conducting purchase, admission, examination, extension activities, cultural activities, infrastructural development etc. for offering healthy campus. Teaching and non-teaching staff are always involved in monitoring the day-to-day activities of the College. The principal communicates the decision of the Governing Body to the respective committee and any difficulty faced at any stage is amicably settled in Governing Body meeting. The faculties give their best for the growth of the College.

6.1.3 What is the involvement of the leadership in ensuring?

As per decision of the Governing Body, the Head of the institution formulates the programmes at the very beginning of the academic session in consultation with the members of different sub-committees in tune of the stated policy of the College. These programmes are communicated to the heads of the different departments as well as to the office staff. The head of the respective department holds departmental meeting with the other teachers of the department to make them informed about the activities for the year. The Principal oversees the entire activities and extends his co-operation to solve any problem faced at any stage for the implementation of the stated policy.

Formulation of action plans for all

Action plan for forthcoming academic session is formulated covering all aspects including academic, administrative and infrastructural etc. of the institution in the meeting of the different sub-committees. Moreover, the sports, cultural programmes, seminars and extension activities are planned as per Govt. as well as university rules and regulations.

Interaction with stakeholders

The stakeholders are always welcomed in different bodies as per stipulated norms and conditions. Students' union of the college is always active to interact with the faculties and the Principal. Sometimes parents are invited to have some feedback and to get some better suggestions for the effective improvement of the quality of the institution.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders

Head of the institution gets feedback from the head of department of each subject about the teaching-learning process and the activities of the department. Beside these, the external members in different committees, alumni and student representatives extend their support for the implementation of the plan. A good co-ordination between teaching and non-teaching staff is quite helpful for the achievement of the quality of the institution.

Re-inforceing the culture of excellence

Most of the departments of the College take initiative to organise seminars, workshops etc. in each academic session at national and state levels. The faculty members also participate in seminars, workshops, symposium, and refresher courses at national and international level to enrich themselves where they represent their research paper. They also share their gained knowledge subsequently with the other faculty member. The faculty members are also conscious to publish their research papers in different national and international journals.

Champion organisational change

- Formation of different committees for academic and administrative purpose.
- Feedback from stakeholders.
- Organising seminars, workshops for enrichment and knowledge.
- Promotion to research activities.
- Follow up reservation policy of the Govt. at the time of admission of students as well as at the time of recruitment of both teaching and non-teaching staff.
- Maintain of transparency to admit students by holding open-floor counselling system.
- Holding wide publicity regarding awareness about burning social problems through NSS programmes.
- Encouragement the student union for holding Blood-donation camp at the college campus every to year.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

At the time of formulation of plans and policies, Principles of democracy are being followed. As a result of that, all the teaching members, non-teaching staff, and students undertake the initiative for its execution. Review work is undertaken time to time and changes if any, be incorporated in the system.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

1. The Principal, as the chief of the institution formulates the plans and programmes in meeting of the academic sub-committee in a democratic way regarding academic matters.
2. The departmental heads are given autonomy to execute their plans and programmes as assigned in academic sub-committee meeting.
3. The departmental heads uphold the departmental meeting with the teachers of their respective department and search for a better suggestion for its execution.
4. Any problem faced by department in a process of execution is properly conveyed to the Head of the institution for getting proper suggestion.

6.1.6 How does the college groom leadership at various levels?

Faculty

For the propose of execution of plans and programmes, different committees are formed with the faculty and non-teaching staff of the college. The sub-committee is formed with a judicious mix of senior and junior staff which helps the later to gain experience for future. The faculty members are selected as convenors of the committees. The faculty member as well as non-teaching staff has to take part in different Govt. work such as election duty, invigilation duty in competitive examination etc.

Students

The student union duly constituted in a democratic way and the office bearers (viz. vice president, secretary, treasurer). They convene meeting to discuss different issues pertaining to the welfare of the students. The student union organise cultural programme, sports etc. and takes social welfare measured with the help of other students which help to gain their self-confidence and mental satisfaction.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

Decision is taken in a centralised way by the members of the Governing Body. The departments are delegated the full authority for its implementation. The head of department and departmental teaching staff take the responsibility with proper authority to develop each department as per modern requirements by following the Govt. norms. The Principal, as per decision in Governing Body, steps forward for infrastructural as well as all along development. Works related to examination, admission, extension activities are conducted by the concerned sub-committee with full authority as per decision taken in the meeting of the concerned sub-committee.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, there is the culture of participative management in each and every decision making process. Each and every academic and administrative committee is constituted involving teaching and non-teaching members. Student participation is also ensured in some cases. Innovative and constructive ideas, thoughts are always welcomed from any members. Moreover every member is given opportunity to present his/her ideas and thoughts regarding particular matter.

6.2

STRATEGY

Governing Body

DEVELOPMENT AND**DEPLOYMENT**

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, our College has a formally stated quality policy for developing activities for maintaining the standard through the Principal with the teacher's council followed by the approval of the Governing Body. Departments take leadership role to smoothly implement this policy.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, the College plans for its development by conducting meeting among different sub-committees and Governing Body. The factors that they keep in mind in the meetings are:-

- i) The changing scenario in the field of Education.
- ii) The needs of students as well as the society.
- iv) The economic factors
- v) The relevance and usefulness of plan.

The College considers the aspects for inclusion in the plan:

- a) Introduction of more subjects for Honours Courses.
- b) Introduction of Post-Graduate courses in different disciplines.
- c) Introduction of viable and relevant career oriented / skill developmental courses.
- d) Special coaching facilities for students for competitive and entrance examination under UGC schemes.
- e) Complete computerisation of the central library.
- f) Modernization of Laboratories.
- g) Publication proceedings of and seminar lectures.
- h) Introduction of more awards and scholarships to encourage the students.
- i) Availing of UGC minor research projects.
- j) Holding of various types of cultural programmes.
- k) Conducting value oriented extension activities.
- l) Ensure audio-visual teaching in all departments.
- m) Purchase

Journals
Laboratory

Accountant

Cashier

Clerk

and

Peon

more Books,
modern
equipments.

6.2.3 Describe the internal organizational structure and decision making processes.

The College adopts the internal organization structure of decision making process in the following way:

Principal is the pioneer of decision making as well as executor of the decisions taken by various bodies. The decision making process includes the following steps:

Librarian

Other Staff

- i) Proposals taken by various Sub Committees, well wisher, any individual staff and wings of the College and sent to Principal.
- ii) Principal discusses those proposals with the respective committees or wings or with all the stakeholders of the College.
- iii) Then Principal sits with the Governing Body of the College, the Apex body. Governing Body, in accordance with the provisions of the University, Government guidelines and orders and on the basis of discussions finally make the decisions. The internal organizational Structure of our College is being processed in the following manner:

Organisation Structure:

approach through appropriate methodologies like Academic Calendar, interactive instructional techniques, debates, projects, presentations, field works, surveys, experiments and practical classes. Academic Calendar ensures clarity, co-ordination, planning and distribution of classes properly.

The laboratory based departments of the College are provided with spacious and well-equipped laboratories according to the revised syllabus required for practical classes. The Central Library of the College is spacious, equipped and well lighted with well furnished reading room facilities. It has a stock of more than **29000** books and various important journals. Departments have well-stocked individual seminar libraries for the use of their students.

The College has its own website (www.ramanandacollege.org) which provides up-to-date information on all of its day-to-day activities. All departments and laboratories with internet facilities have been installed in the College to update the teachers' knowledge with ideas and innovations of modern technologies.

Fieldwork and excursions form part of the curriculum of the departments of Botany, Zoology, Physiology and Geography. Since March 2008 and June 2010 the College has started UGC funded free Remedial Coaching Programme and Entry in Services programme for SC/ST/OBC students and students from Minority communities respectively. These coaching classes are held in the College Building after normal college hours.

➤ **Research and Development:**

- Encouragement and assistance to the faculty members to carry out research activities. Provide infrastructure facilities to carry out Minor Research Project (MRP) as well as required permission for bringing out various research projects from various organizations, provide required permission and leave to attend Orientation Programmes, Refreshers Courses and workshops organized by the Academic Staff Colleges of the various Universities.
- Encouraging paper presentations by the faculty members in different International and National conferences and arranging leave for the same. Encouraging the teachers to attend Seminars, Workshops etc. organized by other Colleges and Universities in West Bengal as well as outside the state.
- Organizing Seminars and Workshops on different subjects related to popular interest as well as frontier areas of research by the different departments of the College to attract eminent scholars to visit the College and interact with teachers and students.
- Bikkhan, a social and cultural centre of all Arts Departments use to organize memorial lectures and other various cultural programme every year for which endowments have been made by its Ex-teachers and patrons. These lectures are eagerly anticipated by all teachers and students of the College as they provide a unique exposure to new thoughts and areas of current research in these disciplines.
- The IQAC cell as well as Research Committee of our College opens the space and provision for all the teachers of the respective departments for paper presentations to encourage and support research activities and development.

➤ **Community engagement**

Community development programme through the social work by the NSS unit of the College, organizing blood donation camp, visiting and helping the poor and meritorious students by the Alumni Association of the College are very common factors.

Few teachers and students offer necessary help to the organization regularly and some teachers are donor-members for the same. Many teachers and students are engage themselves as a social worker in many reputed NGOs.

Promotions of cultural and extracurricular activities are regularly happened to develop creative instinct of the students. The annual magazine of the College 'SHANKHA' provides opportunity to show the literary talents of the College. The College encourages its students to participate in both inter College, intra College and University sports events.

➤ **Human resource management**

Providing welfare measures for teaching and non-teaching staff through Loan from Provident fund and loan from 'Ramananda College Teacher Council welfare Fund', recruiting Guest teachers and casual non-teaching staff who have the appropriate qualifications, knowledge and skills. The students Health home of our College has a glorious journey from a long past.

The College offers the benefit of free studentship to meritorious students who come from economically backward or 'Below Poverty Line' families.

SC/ST/OBC Welfare Cell looks after the interest of the SC/ST/OBC students of the College. A Students' Welfare Cell is in place to provide support and counselling to the students in various matters. Students Union plays a very important role for the welfare and interest of the students as well as for the College.

A Career Counselling Cell acts as a facilitating body for students passing out from the College to find employment in various sectors. Campus interviews are also held in the College.

➤ **Industry interaction:**

The Career and Counselling Cell of our college provides counselling services to the students and gives information about employment opportunities and the placement of the students. The cell also takes initiative to organise seminar lectures with agencies who are in a position to provide job opportunities.

6.2.5. How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institutions?

The Head of the institution maintains personal contacts with the students, teaching and non-teaching staff, parents and public also to review the teaching quality and extra-curricular activities, infrastructural facilities etc. through interactive modes.

6.2.6. How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

In our institution the key factor is participatory management. The Governing Body is always encouraging and supporting the involvement of the staff and students in improving and implementation of the institutional process. The authority, involves the staff members in various activities and decision making process related to the curricular, extracurricular and administrative development of the College. The staff members get themselves involved through various sub-committees such as Admission sub-committee, UGC Subcommittee, Research Subcommittee, Leave Subcommittee, Anti-ragging Subcommittee, Sports Subcommittee, etc. The representatives of each committee are free to give suggestions and opinions to the Principal who works as a bridge with the Governing Body. These suggestions are taken in to consideration before making any decisions.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

In last academic session, the management had taken the following decisions which were implemented for the betterment of the academic atmosphere in the campus:

1. Sending LOI for reaccreditation of the college.
2. Construction of central instrumental facility room in life science block.
3. Extension of class room facility of the chemistry department. (which is under construction)
4. Construction of new library building. (which is under construction)
5. Construction of seminar hall in geography department.
6. Implementation of LAN in office work.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, no effort has been undertaken.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

Yes, there is a 'Grievance Redressal Cell' to redress the grievance of the stakeholders regarding academic matters, library facility, hostel problems, financial assistance to the students etc. There is also a disciplinary committee under the leadership of a teacher to maintain every disciplinary activity in the campus. If any irregularity found, necessary action is promptly and judiciously taken by the committee and there after it is conveyed to the Head of the institute for its amicable settlement.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No, there had been no court cases filed by and against the institute.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

The pass-out students are given the opportunity to fill up the feedback proforma to evaluate the institute as well as the infrastructural facilities of the department and teachers. Suggestion are welcomed from them and analysed and implemented wherever feasible.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

Efforts made by the institute towards the teaching staff:

- Faculties are given opportunity to attain Ph.D. degree by providing FDP facility as per UGC guidelines.
- Faculties are given 'on duty' leave to attend seminar, workshop, and symposium for presentation of research paper.
- To give support to participate faculty improvement programmes like, refresher courses, orientation programmes.
- Opportunity given to organise inter-disciplinary seminar etc. to enrich knowledge of the faculties.
- Supporting membership and active involvement in local, national and international professional associations.

For non-teaching staff

Non-teaching staff are given opportunity to attend skill development programmes organised by the Govt. for different purpose.(COSA for financial assistance, training for implementation of on-line admission, training for learning different software for library and office management etc.)

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- Providing help to organise 'science fair' to expose the innovative ideas of the faculties.
- Providing infrastructure to carry out research projects.
- Providing 'internet facility' to each every department to satisfy immediate needs in the campus.
- Giving laptop to each and every permanent faculty member to improve teaching learning atmosphere.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

At the time of up gradation of scale i.e. promotion to higher scale, each faculty member has to prepare self-appraisal report and placed before the expert committee constituted for this purpose. The committee analyses the report and suggestions, if any, are offered for the betterment in future.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Duly filed up feedback forms are collected from the pass-out students and analysed those by the authority in due course. If any deficiency is found, it is communicated to the concerned members and appropriate measures are taken to repair those immediately to have brightness in academic activities.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Welfare schemes for the members of institution:

- Payment of salary on the 1st day of every month from college fund without getting grants from Govt in time
- Payment of loan from provident fund as early as possible as per needs of the staff.
- Payment of 'festival advance' to each and every year which is recoverable infew subsequent instalments monthly salaries.
- Payment of lump sum against salary which is realisable in three or four subsequent months.
- Payment of advance from the college fund to any staff for any prevailing emergency situation.
- Availability of loan facility from 'teacher welfare fund' organised by the teachers by providing equal contribution.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Due to non-compliance of vacancy by the Govt. in due time, the college has to recruit guest lecturers or to make necessary arrangement to retain retired eminent faculty members for the benefit of the students.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

As per needs of the college, proposals are submitted for UGC or State Govt. grants. Allocated or granted funds are applied for the development of specific projects of the institution. A purchase committee is set up constituting both teaching and non-teaching members under the leadership of Principal to monitor the purchase of any kind. Procedure is followed properly for purchase of any kind. Quotations are called for comparative statement is prepared and then lowest quotation is adopted. Principal, Bursar and Accountant closely monitor the matters related to income and expenditure. Audit work is undertaken finally to justify or check the validity of the application of fund, so received.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- The college has the mechanism for both internal and external audit
- External audit is carried out by a Govt. Auditor as per provision of the West Bengal Government Rules. At the end of a financial year, the Principal with the permission of Governing Body contracts the authorised Chartered Accountant of the Government who along with his/her team conducts the audit work.
- There is also the provision for internal audit as per decision of Governing Body when any irregularities are found in any specific matter.
- The external audit has been done upto 2012-13 and audit report has been duly received. A preparation is going on for the year 2013-14.
- There is no major objection in the report. Some minor irregularities are found and duly complied subsequently.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

- Grants are received either from UGC or State Govt. on the basis of prior submission of proposals.

- Fees are collected from the students for financing the day-to-day expenditure. A surplus is generated out of that which constitutes college fund.
- The deficit for any case is managed from College fund after taking decision in Governing Body meeting.

Please see Annexure-III for audited income expenditure statement for the financial year 2009-10, 2010-11, 2011-12, 2012-13.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

There is no such provision in receiving additional funds.

6.5 INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? .6 If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

As per recommendation of UGC-NAAC the College has established an Internal Quality Assurance Cell (IQAC). It encircles of teaching faculty members and the Principal as per the UGC-NAAC guidelines. IQAC works in the following ways:

- IQAC visits each department every year to authenticate the yearly improvement of the department with regard to record documentation, academic and research activities.
- Members of IQAC discussed with Heads of the Departments for the Planning of infrastructure required for the department and recommends to the Governing Body (Highest Authority) of the College for implementation.
- IQAC Coordinator is the member of the Planning Committee for implementation, Monitoring and Evaluation for UGC Grants.
- Nomination of teachers to the different bodies and committee for academic & disciplinary actions.
- Coordination with all students for getting fed back from them.
- Coordinate external Academic and Administrative Auditing by The University of Burdwan & Department of Higher Education, Government of West Bengal.
- Suggests Academic Audit and Administrative Audit under the supervision of the Governing Body of the College.
- Its main objective is to plan and implement quality initiatives and evaluate. It follows its calendar for meetings, quality agenda and maintains its proceedings.
- IQAC circulates its plan and proposes to Governing Body to implement.
- It supports to conduct workshops, awareness programmes, special lectures on quality innovations, Curricula, Teaching-Learning & Evaluation, Research oriented seminars, applying for research grants and project managing, plans and implementation of advanced Learning Resources, IQAC Plans and Supports effective implementation for Total Quality management, Curricula development, Teaching-Learning and evaluation, Research, Consultancy and Extension activities for all stakeholders.
- IQAC collects maintains and analyses documents and evidences directly or through the College Office. It prepares the Annual Quality Assurance Report (AQAR) and submits it to NAAC.

- *It analyses the feedback received from all stakeholders and inform the concerned about its outcome for correction and amelioration. It also appreciate & encourage and provide support required by all staff for their quality sustenance and quality improvement in teaching, Research and administration.*

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

- ✓ *IQAC arranges several discussions regarding the teaching-learning, research and various departments and convey the message to the Governing Body.*
- ✓ *Physical Infrastructural Development — with all department and Hostel Superintendents regarding modernization of toilet, drinking water in each Floor.*
- ✓ *IQAC proposed a modern Central research facility and a computer laboratory.*
- ✓ *Extension, renovation and purchase of modern and necessary equipments for all science laboratories. .*
- ✓ *Introduction of a transparent and technology oriented admission procedure*
- ✓ *Installation of LAN between Office, Library and NAAC office.*
- ✓ *Computer and Internet connection in all departments.*
- ✓ *Promotion of Extension activities like NCC and NSS.*

c. Does the IQAC have external members on its committee?

If so, mention any significant contribution made by them.

Two external members are included in IQAC- Prof. Kali Kinkar Jana, Ex-Professor of Ramananda College, Bishnupur, Bankura, WB and Sunil Singh of Rasikgang, Bishnupur, Bankura, WB. We are enriched by their valuable guidance to prepare for the re-accreditation process by NAAC.

d. How do students and alumni contribute to the effective functioning of the IQAC?

The students' feedback for each department is considered. Good points are appreciated and remedial measures for the weak points are suggested. Our alumini association made suggestions for the betterment of academic and cultural atmosphere. They made an office room in our College campus and made arrangement cleaning of campus and beatification.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

- ✓ *Through the College website, various media forms, public domain and College prospectus, the College communicates its quality assurance strategies, mechanisms and outcomes to the various internal and external patrons. Every year College magazine is published. Contributions are made both by the students and the faculty. This also in a approach articulates the academic quality assurance of the Institution.*
- ✓ *The IQAC conducts meetings to keep a robust vigil on the academic superiority of the College. To attain excellence in teaching and research activities the Cell takes up suitable measures to assist the departments.*

Table: IQAC Meetings (20013-2014)

<i>Year</i>	<i>Date of Meeting</i>	<i>Topic of Discussion</i>
2012	10.01.12	Preparation of AQAR-2009-2010 to the Department of NAAC.
	27.03.2012	Discussion with teachers regarding the publication of individual teachers, Books, etc. for the preparation of AQAR.
	12.04.2012	Submission of AQAR-2009-2010 to the Department of NAAC
	19.07.12	Discussion of SSR for re-accreditation of SSR-2014
	02.08.2012	Selection of Coordinator for Career Counselling Unit.
	07.08.2012	Meeting with HODs for the upgradation of college wavesite.
	13.09.12	Introduction of Post Graduate Course in History.
	20.09.12	Reformation/reconstruction of IQAC
2013	27.09.2013	Science Exhibition
2014	04.04.2014	Submission of L. O. I.
	16.06.2014	Research consultancy and Extension
	22.07.2014	Infrastructure and Learning Resources
	14.08.2014	Research consultancy and Extension
	16.09.2014	Quality control measures

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

'Yes'

- ✓ Strategies has been adopted by College is to satisfy the needs of the students from diverse backgrounds including socio-economic backward community complying with all the norms of the Government.
- ✓ Our College adopts learner-centric educational approach, academic planning, improved and use of modern teaching-learning aids to make the curriculum interesting and effective for the students
- ✓ Optimumization of infrastructure, maintainance of the quality of education and other programmes on the campus.
- ✓ Trying to promote research activities, research publication, & professional development faculty members for quality enhancement of the teaching community.
- ✓ Motivating the students to participate in community services through extension Programmes to develop innovative, creative, value-based education among them.
- ✓ Promoting students' participation in various cultural and sports activities for holistic personality development of students.

- ✓ By introducing career counselling cell, Remedial-coaching Classes for socio-economically backward students, grievance redressal cell and welfare measures integrate quality assurance of the academic and administrative activities.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

'No'

The college has not provided any training to its staff for effective implementation of the Quality assurance procedures yet. However, some of the IQAC members are deputed to participate in IQAC related work shops, short term trainings and seminars organised by nearby College/University.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

'Yes'

- ✓ The Institution undertakes Academic Audit annually. After thorough analysis by IQAC and academic subcommittee of the college, strategies are taken by the respective head of the Department to improve the results.
- ✓ The outcomes — such as student intake, dropout rate and results are analyzed and adequate measures are taken to the College for the betterment of the students.
- ✓ Many times new additions are made in the infrastructure to improve the teaching learning process. Every department keeps on adding equipment, books, journals, software for the benefit of the students

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The college follows all university rules, UGC guidelines and DPI instructions and maintains standards in teaching-learning process, conduct of examination & evaluation. It also avails many welfare schemes offered by these agencies, conducts academic and co-academic programmes as per the calendar of the University.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- ✓ Academic calendar & Teaching Plan: The detailed layout of the teaching plan is included in the Academic Calendar. This enables the students to know the academic programme and the components to be learnt like Examinations, admission, etc.
- ✓ Learner-centric education approach through appropriate methodologies like Academic Calendar, Interactive & instructional techniques like audio-visual mode of teaching, Lectures by experts from other colleges & University, Inter-departmental lecture exchange, & presentations. This is accompanied by experiential teaching like projects-based learning, Field work, surveys, experiments and practical classes, etc.
- ✓ The Principal regularly meet the HODs and take feedback on the teaching learning progress of each department.

Thus, the systematic planning, organisation and implementation of teaching – learning – evaluation is possible within the total scheme of University schedule.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through:-

Regular notification

- ✓ The progress of the students is communicated to the students and their parents. Detail information are given in the Prospectus and through the institutional official website www.ramnandacollege.org.
- ✓ Policies and plans regarding the quality assurance are communicated to the faculty members, especially the newly appointed ones, in the beginning of the session through meetings with the Principal.
- ✓ Policies and plans regarding the quality assurance are communicated to the alumni in the meeting with the alumni.
- ✓ Policies and plans regarding the quality assurance are communicated to the University, State Government and NAAC through different reports submitted annually. [Annual Academic Report, Performance Statement and Annual Quality Assurance Reports (AQAR)]

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

- ✓ The College promotes a culture of participative management. Several committees are constituted by the Governing Body of the College for overall management of the admission, conduction of examinations, evaluation, promotion of research and extension activities, development of infrastructure-facilities, encouraging cultural activities, maintenance of healthy campus life.
- ✓ After the first assessment, wherein the College was accredited at the B++ Level & institutional score of 83.15%. IQAC was established on 01.07.2007. Internal Quality Assurance Cell of the College has developed several quality assurance mechanisms within the existing academic and administrative system.
- ✓ The College has a mechanism for internal and external audit. The internal audit is carried out by the Governing Body of the College.
- ✓ The institution undertakes Academic Audit to improve the institutional activities.

CRITERION - VII

INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

Innovation is one of the distinct features of the Educational Institution. It is the indicator of quality assurance. Such type of creative approach is being applied in our College.

Environment Consciousness

Ramananda College has always shown concern about today's learning, environmental issues seminar talks and awareness drives have been conducted to create environmental consciousness among students and society. The college encourages using nonconventional source of energy, tree plantation, anti-plastic (non-biodegradable) drives, and through documentary and movie screening. The campus has been highly sensitive towards issues like preservation of natural resources such as water, sunlight and environmental degeneration. The Institute is concerned with environment through its substantial reliance on rain water harvesting care on natural policies. It is committed to promote an ambience of creativity and is concerned with quality achieved through innovation.

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

The Institute shows its consciousness and responsibility depending on the climatic situation and its conducts a green audit in our college campus. The green audit is carried out by the Institute through maintenances of the following activities.

- *Green campaigning among students and staff.*
- *Use of rain water harvesting system.*
- *Due supervision for bio-waste material management*
- *Implementation of eco-friendly practices.*
- *Practices into curriculam through awareness programmes and environmental studies.*

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy conservation

The college is fast switching over to the use of modern low end energy conservation resources to minimize electricity consumption as well as green energy.

- *Switching off ACs, lights, fans, computers, LCDs when not required and when not in use.*
- *Replacement of old ACs and Fridges with energy saving models.*
- *Use of CFL bulbs,*
- *Servo stabilizer Kirloskar green generators are often used for noise free standard frequency energy resource and green environment for the sophisticated equipment. Energy consumption is virtually monitored by turning of power during off time.*

Use of renewable energy

Proposal submitted

Water harvesting

Rain water harvesting model has been set up in our college campus to promote water harvest. Huge volume of water has been collected and stored in water tank preserver. It is purified in a scientific way and partially used for gardening and excess water is used at our science laboratory for washing of glass apparatus.

The college harvesting of drinking water is carried on using three shallow tube wells at different locations which is needed.

Check dam construction

Efforts for Carbon neutrality

The college at its own level has taken up certain preventive measures to make the campus CO₂ free zone. The college has made arrangements for the parking of the vehicles of the staff in side of the bio-department. Dead leaves, waste papers are buried at the corner of the college and other disposed of.

Plantation

- We have started green initiatives beyond the boundaries of our campus as early as the last decades of the twentieth century. Our Institution is still committed to these initiatives till today.
- The trees are planted. The college organizes Bana Mahotsava every year to carry out the tradition amongst the students and staff.
- Trees are planted on both sides of the college campus to enhance the college scenery.
- The NSS unit of the college actively conducts green campaigns and had taken initiatives to teach students how to make the environment more conducive to healthy living by increasing energy.
- A number of plants were planted in the college to make the campus more green and rich in fresh air.
- The college maintains gardens rich in a variety of flowers, herbal and medicinal plants, fruits trees etc. inside the campus.
- The students under the supervision of the NSS unit in the college ensure that college class room and laboratories are kept clean and well ventilated and free of waste materials.
- Under this supervision, the members nourish the trees and flowering plants. Interested students also clean the garden.
- Regular awareness campaigns amongst college students are held to spread knowledge about superstition, dowry system, blood testing before marriage and other social responsibilities. Discussions are also held on AID-day.



Tree Plantation by NSS Unit

Hazardous waste management

Several seminars and talks are made by the students organized by the Department of Botany, Physiology, Zoology etc. to create aware about the effectiveness of waste management.

The NSS volunteers maintain a disciplinary approach for visual pollution / Writing on the walls, etc.

e-waste management

E-waste is disposed in the waste keeping store room of the college. After certain interval e-waste is sold to the local tender for recycle and reuse.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

7.3 Best Practices

7.3.1 Elaborate on any two best practices as per the annexed format which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

The best practices in the institution have been promoted in full gusto. The institution has internalized the best practices in order to improve the functioning of the academic and administrative systems. The insistence on student's participation in academic and administrative matters has improved the quality of the education and administration in the institution. The students come forward to maintain the best practices evolved through academic and administrative systems. The administration in the institution is maintained by the involvement of the staff at every level. The examinations are held quite smoothly by the active participation of the staff. The teachers have been quite supportive to the academic needs of the students by offering those reading materials and tutorials.

Best Practices

1. Title of the Practice

- a) Scholarship and free hostel facility (Swabalambi) to economically backward students
- b) Introduction of spoken English, campus interview, entry in service coaching classes and career counselling

2. Goal

3. The Context

4. The Practice

5. Evidence of Success

6. Problems encountered and Resources Required

Career and Counseling Cell

• Role of the Career and Counselling Cell of Ramananda College (in summary):

- a) The cell has gathered information on different courses related to higher studies, job avenues and placements in different institutions and concerns related to the courses that the college offers through internet and papers and magazines like "Employment News", "Karmakshetra", and "Career".
- b) The Cell has analyzed the gathered information in the local and regional contexts to explore its relevance and utility for the students in their future careers.
- c) The Cell has organized seminars, guidance workshops and career counselling sessions for students to inform them about the courses related to higher studies and the emerging professional trends and events.

• Some activities of Career and Counselling Cell:

- a) As per direction of The Development Commissioner (MSME) & Additional Secretary, Ministry of MSME, Govt. of India, New Delhi, an Industrial Motivation Campaign (IMC) was organized by MSME Branch, Durgapur at Ramananda College, Bishnupur on 23.08.2010 for the benefit of Unemployed Educated Youth (UEY). One main purpose of such One-Day Awareness Programme was to motivate the youth towards Entrepreneurship Development as per Govt. guidelines.
- b) A career guidance workshop was arranged on 13.06.2012 in which some members of Territorial Army had made an effort to motivate our students to join them and avail the ideal opportunity to receive military training. They described, in details, the procedure to apply for the post of Officer/Junior Commissioned Officer/Sepoy.
- c) A career guidance seminar was arranged on 24.09.2013 in collaboration with Life Insurance Corporation of India (LICI), Bishnupur Branch, for informing and motivating students to take LICI as their career.
- d) General counselling sessions for students on different courses were organized in regular interval with professional career counsellor. Students were provided with related study materials.

e) Students were informed about the examinations related to the advancement of their career (e.g. JEST, JAM etc.). Students were provided with downloaded application forms of the examinations. They were also provided with question papers of previous years for their preparation.

• **Professional help provided to the students:**

- Sri Vasavi Industries Limited, Bishnupur had invited applications (letter dated 10.07.2010) for recommendation of students with Science background in undergraduate course as candidates for the post of Trainee in its factory. A list of candidates was sent by the Career and Counseling Cell, Ramananda College on 26.07.2010, as a follow-up action.
- Sri Vasavi Industries Limited, Bishnupur had invited eligible candidates' profile (letter dated 13.11.2010) for the post of Receptionist (Female) in the company. A list of candidates was sent by the Career and Counseling Cell, Ramananda College on 31.11.2010, as a follow-up action.
- Electronics Corporation of India Limited (A Govt. of India Enterprise, under the Dept. of Atomic Energy) had invited applications from suitable SC and OBC candidates for free Computer training in Advanced Diploma in Software Technology (ADST) and Diploma in PC Hardware & Networking (DPCHN), with monthly stipend, sponsored by Ministry of Social Justice & Empowerment, Govt. of India within 31.03.2011. A list of candidates with corresponding applications was sent by the Career and Counseling Cell, Ramananda College, in due time.
- Electronics Corporation of India Limited (A Govt. of India Enterprise, under the Dept. of Atomic Energy) had invited applications from suitable SC and OBC candidates for free Computer training in Advanced Diploma in Software Technology (ADST) and Diploma in PC Hardware & Networking (DPCHN), with monthly stipend, sponsored by Ministry of Social Justice & Empowerment, Govt. of India within 31.03.2012. A list of candidates with corresponding applications was sent by the Career and Counseling Cell, Ramananda College, in due time.
- Pan Seeds Pvt. Ltd., Kolkata, had organized a campus recruitment process for students of science stream in association with the Career and Counseling Cell, Ramananda College. The process consisted of a written test on 20.02.2014 at the college premises followed by an interview for the short-listed candidates in Kolkata office of the company. Two students from Post Graduate Course in Botany, Ramananda College, were selected as On-Job-Trainee through this campus recruitment process by the company.



of campus recruitment process by the company.

• **Coaching Classes for Entry in Services for SC/ST/OBC (non-creamy layer) & Minorities:**

Scheduled Castes and Scheduled Tribes have been identified as the most deprived and oppressed groups of Indian society constituting about 15 and 7.5 percent, respectively, of the total Indian population. In order to safeguard their interests in independent democratic India, specific provisions have been made to improve the status of these people socially and educationally so that they can take their rightful place in the mainstream of the society. Despite all constitutional safeguards and measures initiated by the UGC, the position of reservation for Scheduled Castes, Scheduled Tribes, OBC (non-creamy layer), and Minorities is far below the expected level in the universities even after more than 50 years of Independence. The Commission has been contributing towards social equity and socioeconomic mobility of the under-privileged sections of the society through various special schemes.

The Government of India has declared Muslims, Christians, Sikhs, Buddhists and Parsis as religious Minorities. Altogether they constitute about 19% of the Indian population. Their educational development is generally low with wide variations in different states and levels of education. The well-being and the development of the Minorities are important indicators of the strength and success of a democratic society. Democracy being the rule of the majority in numbers, it is necessary to protect and foster the interests and needs of the minority groups, not only in terms of their numbers but also in a preferential manner, with a certain amount of reverse discrimination. Sometimes rights and privileges which are not available to the majority have to be given to the minority groups to bring them up to a viable level of development.

• **Coaching scheme for entry into services is to be organized with an objective to:**

- Prepare students to gain useful employment in Group 'A', 'B' and 'C' in Central services, State services and equivalent positions in private sector.
- To orient students for particular examination conducted for selection to services such as WBCS, State Public Services, Bank recruitment etc.
- To focus on the specific requirements of a particular competitive examination.

In order to serve the disadvantageous students from backward communities, we propose to open a coaching centre for guidance to the examinees of the state civil services examinations (WBCS) for which we seek assistance under this scheme in 2009. Due to lack of proper training the pass outs in this area opt for job only through school service commission.

This scheme has been continuing in our college from 2010 onwards with good response from the stakeholders.

Information regarding student beneficiaries is mentioned year wise in the following table:

Year	Coaching Classes for Entry in Services for SC/ST/OBC(non-creamy layer) & Minorities				
	SC	ST	OBC	Minorities	Total
2008-09	NA	NA	NA	NA	NA
2009-10	NA	NA	NA	NA	NA
2010-11	71	16	97	26	210
2011-12	71	16	97	26	210
2012-13	71	16	97	26	210
2013-14	22	6	31	5	64

To cope up with the present competitive environment new books and equipments are require to impart coaching to the socio-economic backwards i.e. Tribal, Scheduled castes, Minorities and other backwards etc.

Primarily teaching aids like LCD projectors, visualizers for representation in class rooms and colour laser printers with facility for printing transparencies and reprographic equipment for photocopying study material given by resource persons, etc are necessary for the library.

Students coming from economically weaker and disadvantaged sections of the society mostly depend on the central library for reference as well as text books. Therefore fund for purchasing books, journals & study materials are required.

Spoken English

Red Rose language Institute for spoken English and personality Development has been conducting its spoken English and personality development course at Ramananda College, Bishnupur since Feb. 2013. Red Rose is a pioneer institute in Spoken English teaching and conducting its courses in many colleges and universities successfully. The trainer of the spoken English Mr. Srijit Bhattacharyya is a TESOL certified teacher with 15 years of experience. There is three month course with course fees only Rs. 700.00 (Rupee seven hundred only). A certificate is provided after the course. The course content is main focuses mainly on communicative skills, personality development, job interview training and many more. The main aim of the Red Rose Institute is to develop students' confidence in English speaking and facing interview without any fear. Many students have already passed out successfully and are doing job in different parts of the world.



* Spoken English Class room teaching.

PART - D

EVALUATIVE REPORT OF THE DEPARTMENTS

SCIENCE DEPARTMENTS

1. Name of the department: **BOTANY**
2. Year of Establishment: 1961.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG & PG
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual based credit system in UG and Semester based credit system in PG
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: The University of Burdwan
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	- Nil	-
<u>Associate Professors</u>	-	01
<u>Reader</u>	-	-
<u>Asst. Professors</u>	05	03
<u>Part Time Teacher</u>	03	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Dr. Ajit Kumar Datta</u>	M.Sc., Ph.D.	Associate Professor	Cytogenetics and Pant Breeding	22 years	NIL
<u>Dr. Asish Mandal</u>	M.Sc., B.Ed, Ph.D.	Assistant Professor	Microbiology	13 years	01

Dr. Shyamal Kanti Mallick	M.Sc.,B.Ed. Ph.D.	Assistant Professor	Ecology and Taxonomy of Angiosperms	09 years	NIL
Dr. Shamayeeta Sarkar	M.Sc., Ph.D.	Assistant Professor	Cytogenetics and Plant Breeding	9 years	NIL
Sanju Dutta	M. Sc.	Part time Teacher	Plant Physiology and Biochemistry	04	Nil

11. List of senior visiting faculty:

- Professor. G.G. Maity Kalyani University
- Dr. R. Shribastava Joint Director, BSI
- Dr. Prabir Sur, Senior, Scientist, BSI
- Professor Ambarish Mukherjee, The University of Burdwan
- Dr. Abhijit Dutta, Jhargram Raj College
- Dr. Pradip Ghosh, Vivekananda College, Burdwan
- Dr. Asit Baran Dey, Raj College, Burdwan

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:UG: Percentage of classes by temporary faculty = 33%

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT			STUDENT-TEACHER RATIO		
	UG (HONS.)	PG	UG (GENERAL)	UG (HONS.)	PG	UG (GENERAL)
2010-11	33	20	61	33:5	5:1	15:1
2011-12	40	22	66	40:5	5.5:1	15:1
2012-13	40	24	80	40:5.5	6:1	16:1
2013-14	56	18	200	56:5	4.5:1	40:1

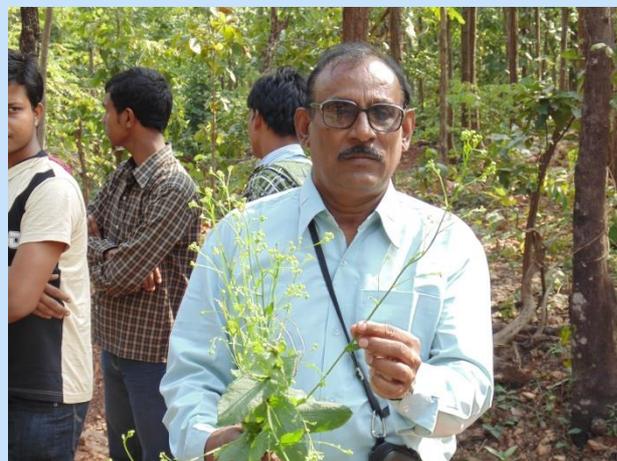
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:Sanctioned-05, Filled-02

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-04

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University:None



* *The teachers along with students are in botanical excursion*

19. Publications:

Publication per faculty:

Number of papers published in peer reviewed journals (national / international) by faculty and students:

- * *Dr. Ajit Kumar Datta: 13*
- * *Dr. Asish Mandal: 06 (All International Journal)*
- * *Dr. Shyamal Kanti Mallick: 08 (03 in National journal and 05 in international journal)*
- * *Dr. Shamayeeta Sarkar: 01 (National Journal)*

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

- * *Dr. Ajit Kumar Datta: 03*
- * *Dr. Asish Mandal: 06*
- * *Dr. Shyamal Kanti Mallick: 05*

[For details of publications please see College website, Departmental Profile]

* *Monographs: NIL*

- * *Chapter in Books:* NIL
- * *Books Edited:* NIL
- * *Books with ISBN/ISSN numbers with details of publishers:* NA
- * *Citation Index:* NA
- * *SNIP:* NA
- * *SJR:* NA
- * *Impact factor:* NA
- * *h-index:* NA

20. *Areas of consultancy and income generated:* None

21. *Faculty as members in*

a) *National committees* b) *International Committees* c) *Editorial Boards:*

- i. *Dr. Asish Mandal: Member of Biotech Research Society of India*
- ii. *Dr. Shymal Mallick: Member of the journal International Society for Tropical Ecology.*
- iii. *Dr. Shamayeeta Sarkar: Member of IRSI (Information Retrieval Society of India)*

22. *Student projects*

a) *Percentage of students who have done in-house projects including inter departmental/programme:* Project done in partial fulfillment of M.Sc. Degree.

Student Percentage: 100%

Project Guide: Dr. Shyamal Kanti Mallick

b) *Percentage of students placed for projects in organizations outside the Institution i.e. in Research laboratories/Industry/other agencies:* 2%

23. *Awards/Recognitions received by faculty and students:*

Dr. Asish Mandal

- i. SLET 1997

Dr. Shyamal Kanti Mallick

- i. GATE 1992

Dr. Shamayeeta Sarkar

- i. *Gold Medal for scoring highest marks in special paper, M.Sc. in Botany.*
- ii. *NET 2003*
- iii. *SLET 2003*
- iv. *GATE 2003 (99.36 percentile All India Rank 23)*
- v. *JRF Bose Institute*
- vi. *UGC Teacher Fellowship (FDP)*

24. *List of eminent academicians and scientists/visitors to the department:*

- a. *Professor. G.G. Maity Kalyani University*
- b. *Dr. R. Shribastava Joint Director, BSI*
- c. *Dr. Prabir Sur, Senior, Scientist, BSI*
- d. *Professor Ambarish Mukherjee, The University of Burdwan*
- e. *Dr. Abhijit Dutta, Jhargram Raj College*
- f. *Dr. Pradip Ghosh, Vivekananda College, Burdwan*

g. Dr. Asit Baran Dey, Raj College, Burdwan

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:

National Seminar on "Emerging Trends in Biophysical Reseaches", during 12th-13th September, 2011, in collaboration with the Departments of Botany, Zoology, Physiology and Nutrition, Ramananda College, Sponsored by the University Grants Commission.

b) International: NIL

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED (Appeared in the Exam.)	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	400	03	01	02	100
2011-2012	UG(Honours)	550	04	03	01	50
2012-2013	UG(Honours)	500	12	03	09	16.67
2013-2014	UG(Honours)	-----	13	07	06	53.85

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL
PG	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? TOTAL- 02; GATE- 01; SET-01

29. Student progression

Student progression	Against % enrolled
UG to PG	~15%
PG to M.Phil.	Information not available

<i>Student progression</i>	<i>Against % enrolled</i>
<i>PG to Ph.D.</i>	8%
<i>Ph.D. to Post-Doctoral</i>	NA
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	NIL
<i>Entrepreneurship/Self-employment</i>	<i>Information not available</i>

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: 166
 ii) No of books in Central Library: 914
- b) **Internet facilities for Staff-Yes
 & Students-Yes**
- c) **Class rooms with ICT facility- Yes**
- d) **Laboratories** :Six laboratories with adequate equipment for UG Honours and General students
 Twolaboratories with adequate equipment for PG students

31. Number of students receiving financial assistance from college, university, government or other agencies:NIL

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

National Seminar on “Emerging Trends in Biophysical Researches”, during 12th-13th September, 2011, in collaboration with the Departments of Botany, Zoology, Physiology and Nutrition, Ramananda College, Sponsored by the University Grants Commission.

33. Teaching methods adopted to improve student learning:

Use of modern equipment as teaching aids like projectors, smart board and internet facilities are done.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students of our department, studying in the 1st and 2nd year of undergraduate course, participate in the Orientation classes of the NSS, taken by the teachers of the college and invited guests on every Wednesday. Campus cleaning is also conducted on every Wednesday. They involve themselves in various programmes on the special days of international importance, such as International Women’s Day, World Environment Day, World AIDS Day, Human Rights Day, etc., observed by the NSS Unit of our college.

A week-long Special Camping Programme is conducted by the NSS Unit, each year, in different adopted villages in Bishnupur. In this programme, our students find interest in making effort to create Health Awareness through cleaning drains and roads in the adopted village, carrying out a survey by distributing leaflets containing a set of questionnaire regarding health and educational awareness.



* Few snap shots at Science exhibition – 2014

35. SWOC analysis of the department and Future plans

STRENGTHS:

- Presence of PG section.
- Presence of a good numbers of books and Book Bank maintained by the contribution of teachers.
- Experienced Faculty
- Student-Teacher interaction beyond the classroom helps to motivate students and guide them about their career.

WEAKNESSES:

- *With both UG and PG courses undergoing in the department, there is a requirement of more teaching and non-teaching staff.*
- *The laboratory needs some modern instruments to provide Research facilities.*
- *Shortage of space to accommodate a large number of students*
- *Shortage of laboratory staff.*
- *No scope for using extended hours for practical classes*
- *Low research output*
- *Little interaction with Alumni*

OPPORTUNITIES:

- *Organizing Resource Based Activities like Seminars and Workshops would enrich students and teaches.*
- *Improving the laboratories in the light of Post Graduate course would facilitate research in the department.*
- *The local ethnobotanical knowledge can add to the current database of knowledge on medicinal plants, ayurvedic practices etc.*
- *By strengthening association with alumni through institutional website or other social forum would help in the betterment of the department.*

CHALLENGES:

- *To sustain and enhance good academic performance of the students at the University level.*
- *Absence of Inter disciplinary course in the current syllabus at undergraduate level compromises the knowledge quality when compared to worldwide standards.*

FUTURE PLANS:

- *The Department of Botany has Post Graduate Course that has begun from 2008. Presently it offers specialization in one topic- Taxonomy. Once the required faculty strength gets fulfilled we intend to offer other special papers too.*
- *The department is developing the laboratory with modern facilities from the financial assistance of UGC. This would enable us to undergo interdisciplinary research.*
- *Although there is a Medicinal plant park but endangered plants need to be included into this. We are planning to enrich this park for preservation of endangered species of orchids etc.*
- *We are going to apply for availing aids from funding agencies like DBT for the modernization of the existing laboratories. This would enable us to develop research platform in biotechnology and bioinformatics in this area.*

1. Name of the department: **CHEMISTRY**
2. Year of Establishment: Our College began teaching intermediate science in 1946 and B. Sc. (General) in 1948 under the University of Calcutta. When Burdwan University was established, our college was affiliated to it. B. Sc. (Hons.) course was started in 1965 and first batch got their degrees in 1968.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	02
<u>Reader</u>	-	00
<u>Asst. Professors</u>	07	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Kartick Gupta</u>	M.Sc., Ph.D.	Associate Professor	Physical Chemistry	16 years	NIL
<u>Dr. Sujit Kumar Dutta</u>	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	16 years	NIL
<u>Dr. Ajay Kumar Manna</u>	M.Sc., M.Tech., Ph.D.	Assistant Professor	Organic Chemistry	14 years	NIL
<u>Dr. Mohuya</u>	M.Sc., Ph.D.	Assistant	Organic Chemistry	8 years	NIL

<u>Patra (Roy)</u>		Professor			
<u>Dr. Samir Kumar Maji</u>	M.Sc., Ph.D.	Assistant Professor	Nucl. & Analytical Chemistry	7 years	NIL
<u>Mr. Chiranjit Pal (FDP)</u>	M.Sc.	Assistant Professor	Physical Chemistry	4 years	NIL
<u>Mr. Surajit Saha</u>	M.Sc.	Sub. Teacher	Physical Chemistry	1 month	NIL

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	60	251	9:1	36:1
2011-12	62	232	10:1	39:1
2012-13	67	210	11:1	35:1
2013-14	72	208	12:1	35:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Sanctioned-04, Filled-02

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-05, PG-02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: None

19. Publications:

Publication per faculty:

* Number of papers published in peer reviewed journals (national / international) by faculty and students:

Dr. Kartick Gupta – 10

Dr. Sujit Kumar Dutta – 17

Dr. Ajay Kumar Manna – 06

Dr. Mohuya Patra (Roy) – 04

Dr. Samir Kumar Maji – 11

Mr. Chiranjit Pal –01

[For details of publications please see College website, Departmental Profile]

* *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):*

* *Monographs:NIL*

* *Chapter in Books:NIL*

* *Books Edited:NIL*

* *Books with ISBN/ISSN numbers with details of publishers:*

1) *'Textbook of Organic Chemistry'-Part-I; 978-81-8465-858-3*

2) *Practical Chemistry (For general Course)*

* *Citation Index: NIL*

* *SNIP:NIL*

* *SJR:NIL*

* *Impact factor: NIL*

* *h-index: NIL*

20. Areas of consultancy and income generated:*None*

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

(i) **Dr. Sujit Kumar Dutta:** *Life Member of Indian Association for the Cultivation of Science, Kolkata*

(ii) **Dr. Kartick Gupta:**

- *Life Member, Indian Science Congress association, Kolkata*
- *Life Member, Association of Chemistry Teachers, Homio Bhaba Centre for Science Education, Mumbai*
- *Life Member, Indian Association for the Cultivation of Science, Jadavpur, Kolkata*
- *Life Member, Indian Society for Radiation and Photochemical Sciences, Bhaba Atomic Research Centre, Mumbai*

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:*NIL*

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:*NIL*

23. Awards/Recognitions received by faculty and students:

Dr. Kartick Gupta –

- *Merit / National Scholarship Class 9th standard to M.Sc.*
- *Junior and Senior Research fellowship through CSIR-UGC NET*
- *Qualified in Graduate Aptitude test in Engineering*
-

a) *Summer Research Fellowship of Indian Academy of Sciences, Bangalore, to work at Indian Institute of Technology Kharagpur (2006)*

b) *Summer Research Fellowship of Indian Academy of Sciences, Bangalore; National Academy of Sciences (India), Allahabad and Indian National Science Academy, New Delhi (2007, 2008)*

- *CTS Visitors Program Fellowship at Indian Institute of Technology Kharagpur (2010, 2011, 2013)*
- *Travel Grants (abroad) from UGC, CSIR and DST*
- *Teacher Invitee in the Annual Meetings of Indian Academy of Sciences, Bangalore held at Thiruvananthapuram(2007) and Chandigarh (2013)*

Dr. Sujit Kumar Dutta –

- *NET, 1989*
- *GATE, 1990*
- *Max-Planck-Institute Fellow, Germany. 1998*
- *Research Fellow, The University of West Indies, Kingston, Jamaica.2003*

Dr. Ajay Kumar Manna –

- *CSIR-UGC-JRF: 1993,*
- *GATE-1993 (Percentile- 99.83)*
- *SLET-1997*

Dr. Mohuya Patra (Roy) –

- *National Merit Scholarship holder.*
- *Qualified in the National Eligibility Test (NET) Of CSIR-UGC held on 25.06.2006*
- *Win Award by presenting paper in the seminar held in TRIPURA UNIVERSITY.*
- *EX-RESEARCH ASSOCIATE (INSTITUTE) IIT-KHARAGPUR.*

Dr. Samir Kumar Maji –

- *Qualified joint CSIR-UGC Junior Research Fellowship (JRF) and Eligibility for Lectureship – National Eligibility Test (NET) held on 30th December 2001.Secured place among the top 20% awardees in Chemical Sciences.*
- *Qualified in Graduate Aptitude Test in Engineering (GATE) held on 10th February 2002.*
- *Selected to work under DST-DAAD project in AMS laboratory at Physik Department, Technische Universitate-Munchen, Germany.*
- *Best Poster Presented Award in International conference on Application of Radiotracers in Chemical, Environmental and Biological Sciences (ARCEBS 06), January 23-27 2006, Saha Institute of Nuclear Physics, Kolkata, India.*

24. List of eminent academicians and scientists/visitors to the department:

a) Prof. P. K Chattaraj,

*Department of Chemistry
Indian Institute of Technology, Kharagpur
West Bengal*

b) Prof. B. M. Deb

*Indian Institute of Science Education Research Kolkata
Mohanpur - 741 246,
West Bengal, India*

c) Prof. D. S. Roy

*Department of Physical Chemistry
Indian Association for the Cultivation of Science
2A & 2B Raja S. C. Mullick Road
Jadavpur, Kolkata-32*

West Bengal, India

d) Dr. R. Biswas

S.N. Bose National Centre for Basic Sciences
Chemical, Biological & Macromolecular Sciences
West Bengal, India

e) Retd. Prof. Sukumar Maity

Department of Chemistry
Indian Institute of Technology, Kharagpur
West Bengal

f) Prof. J. K. Ray

Department of Chemistry
Indian Institute of Technology, Kharagpur
West Bengal

g) Prof. S. C. Roy

Department of Organic Chemistry
Indian Association for the Cultivation of Science
2A & 2B Raja S. C. Mullick Road
Jadavpur, Kolkata-32
West Bengal, India

h) Prof. D. K. Palit

Radiation & Photochemistry Division
Bhaba Atomic Research Centre, Mumbai

i) Dr. C N Patra

Theoretical Chemistry Section
Radiation Chemistry & Chemical Dynamics Division
BARC, Mumbai 400 085

j) Prof. D. P. Sarkar

Department of Biochemistry,
University of Delhi South Campus,
New Delhi

k) Prof. S. Dey

Department of Chemistry
Kalyani University, Nadia

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:

1. Lecture workshop on "Lecture Workshop on Concept of Chemistry" organized by Department of Chemistry, Ramananda College, Bishnupur, Bankura, PIN-722 122 Sponsored by **Joint science education programme of Indian Academy of Sciences (Bangalore), Indian National Science Academy (New Delhi) and the National Academy of Sciences, India (Allahabad)**. (28-30 Sept, 2007)
2. Seminar on "Chemistry Our Life our Future" organized by Department of Chemistry, Ramananda College, Bishnupur, Bankura, PIN-722 122 Collaboration with Science Centre, Midnapore sponsored by **Department of Science and Technology, New Delhi** (3rd December, 2011)

3. National level seminar on “Chemistry For Life and Future” organized by Department of Chemistry, Ramananda College, Bishnupur, Bankura, PIN-722 122 Collaboration with Department of Chemistry, The University of Burdwan, sponsored by **University Grants Commission** (30-31 March, 2012)

b) *International: NIL*



Chemistry Exhibition in the Science Camp, 2014

26. *Student profile programme/course wise:*

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	400	18	14	4	100
2011-2012	UG(Honours)	550	15	10	5	80.0
2012-2013	UG(Honours)	500	15	9	6	73.33
2013-2014	UG(Honours)	-----	28	20	8	71.43

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. *Diversity of Students*

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.*

29. *Student progression*

<i>Student progression</i>	<i>Against % enrolled</i>
<i>UG to PG</i>	<i>~80</i>
<i>PG to M.Phil.</i>	<i>Not known</i>
<i>PG to Ph.D.</i>	<i>Not known</i>
<i>Ph.D. to Post-Doctoral</i>	<i>Not known</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	<i>60 (General students)</i>
<i>Entrepreneurship/Self-employment</i>	<i>Not known</i>

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: ----
 ii) No of books in Central Library: -----
- b) **Internet facilities for Staff& Students**- Yes
- c) **Class rooms with ICT facility**- NIL
- d) **Laboratories** :5 (Five)

31. Number of students receiving financial assistance from college, university, government or other agencies:

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

33. Teaching methods adopted to improve student learning:

- i) *Traditional Lecture Method*
- ii) *Practical Classes*
- iii) *Class tests are taken regularly.*
- iv) *Tutorial classes organized for betterment of the students*
- v) *Student seminars*
- vi) *Remedial classes to weaker section of the students*
- vii) *Special Classes*
- viii) *Problem Solving Classes*
- ix) *Home Assignments*
- x) *Inquiry based method of teaching*

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Students and the Faculty members regularly participate in the Institutional Social Responsibility and Extension activities organized by the college NSS Units.

35. SWOC analysis of the department and Future plans

STRENGTHS:

- *Good academic results of the students in the University examinations.*
- *The performance of the students in competitive examinations is satisfactory.*
- *The department maintains a well-organized library to cater to the academic needs of students.*

- *Most graduates from the department continue their higher studies in Indian Universities and Indian Institute of Technology.*
- *Co-operation between the teaching and non-teaching staff enables smooth functioning of the department.*
- *The department has an efficient and dedicated faculty.*
- *We have sufficient number of instruments to meet the requirement of the University Curriculum*

WEAKNESSES:

- *The laboratory needs a new distillation plant.*
- *Shortage of space to accommodate a large number of students*
- *Shortage of laboratory staff.*
- *No scope for using extended hours for practical classes*
- *Low research output*
- *Low consultancy services*
- *Little interaction with Alumni*

OPPORTUNITIES:

- *To organize Resource Based Activities like Seminars and Workshops.*
- *Student-Teacher interaction beyond the classroom helps to motivate students and guide them about their career.*
- *Book Bank is maintained by the contribution of teachers.*
- *Chemistry honours students with good results get opportunity for higher studies in various fields like pure, applied chemistry, Bio, Marine, Agriculture Chemistry & Environmental studies along with other technological and vocational field like packaging etc.*
- *Students passing with Chemistry Honours go for higher studies in B.U., other Universities and IITs. Few students also join different analytical laboratories and School Service and other jobs.*
- *To pursue Ph.D programme*

CHALLENGES:

- *To sustain and enhance the consistently good academic performance of the students at the University level.*
- *There is limited scope for innovation in curriculum design as the syllabus prescribed by the university is strictly followed. However, topics related to frontier areas of research are discussed through internal seminar and workshops. This intention is threatened due to constraints of time and space.*
- *To improve academic competence of students to compete at all India level exams.*

FUTURE PLANS:

- *Upgradation of the Laboratory, purchasing more modern equipments for the laboratory and setting up a Classroom with ICT facility.*
- *To set up a research Centre*
- *Motivate more faculty members to involve in research work.*
- *The department will create research facilities in collaboration with eminent academicians and scientists of other departments of the college or other institutions.*

1. Name of the department: **COMPUTER SCIENCE**
2. Year of Establishment: UG General - 1988
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: From the year 2000 to 2013 the course discontinued due to lack of West Bengal College Service Commission recommended teaching faculty and the course is reopened from this year again.
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	-
<u>Reader</u>	-	-
<u>Asst. Professors</u>	02	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Aparna Sarkar</u>	MCA, M.Tech.	Assistant Professor	Digital Image Processing	Newly joined	NIL

11. List of senior visiting faculty: None
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2014-15	---	20	----	20:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: PG-01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: None

19. Publications:

Publication per faculty:

Aparna Sarkar:

1. Mandal J.K., Sarkar A.: A novel modified directional weighted median based filter for removal of random valued impulse noise. *International Symposium on Electronic System Design*, pp. 230–234 (December 2010, IEEE Computer Society).
2. Mandal J.K., Sarkar A.: A modified weighted based filter for removal of random impulse noise. *Second International Conference on Emerging Applications of Information Technology*, pp. 173–176 (February 2011, IEEE Computer Society).
3. Mandal J.K., Sarkar A.: A Cascaded Window Based DWM Filter for Removal of RVIN. *Second National Conference on Computing and Systems 2012 (NaCCS- 2012)*, Dept. of Computer Science, University of Burdwan, Burdwan, West Bengal, India- 713104 (March 15-16, 2012).
4. Mandal J.K., Sarkar A.: A Modified Directional Weighted Cascaded-Mask Median Filter for Removal of Random Impulse Noise, *Computer Science Proceedings in CSIT series, The Second International Conference on Computer Science, Engineering and Application (CCSEA 2012)* (26-27 May, 2012,).
5. Mandal J.K., Sarkar A.: A Median Based Directional Cascaded With Mask Filter For Removal Of RVIN, *International Journal of Information Sciences and Techniques (IJIST)* Vol.2, No.4 (July 2012)

- * Number of papers published in peer reviewed journals (national / international) by faculty and students:
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):
- * Monographs: NIL
- * Chapter in Books: NIL
- * Books Edited: NIL
- * Books with ISBN/ISSN numbers with details of publishers:
- * Citation Index: NIL
- * SNIP: NIL
- * SJR: NIL
- * Impact factor: NIL
- * h-index: NIL

20. *Areas of consultancy and income generated:* None
21. *Faculty as members in*
 a) *National committees* b) *International Committees* c) *Editorial Boards:* NIL
22. *Student projects*
 a) *Percentage of students who have done in-house projects including inter departmental/programme:* NIL
 b) *Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies:* NIL
23. *Awards/Recognitions received by faculty and students:* NIL
24. *List of eminent academicians and scientists/visitors to the department:* NIL
25. *Seminars/ Conferences/Workshops organized & the source of funding:*
 a) *National:* NIL
 b) *International:* NIL
26. *Student profile programme/course wise:* N.A.

27. *Diversity of Students:*

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (General)	100	NIL	NIL

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* N.A.
29. *Student progression:* N.A.
30. *Details of Infrastructural facilities*
 a) *Library :* i) *No of books in Central Library:* 358
 b) *Internet facilities for Staff & Students-* Yes
 c) *Class rooms with ICT facility-* NIL
 d) *Laboratories:* One laboratory for software practical.
31. *Number of students receiving financial assistance from college, university, government or other agencies:* NIL
32. *Details on student enrichment programme (special lectures/ workshops/seminar) with external experts:*
 N.A.

33. *Teaching methods adopted to improve student learning: Teaching through Projectors*

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities: N.A.*

35. *SWOC analysis of the department and Future plans*

STRENGTHS:

- *Though the course is reopened after 13 years, efforts will be made to orient the students towards the subject and improve their technical skills.*

WEAKNESSES:

- *The permanent posts in the department need to be filled up.*

OPPORTUNITIES:

- *Students will be provided with study materials/books and computers to build their technical knowledge base.*

CHALLENGE:

- *Introduction of research work in the department to encourage our students.*

FUTURE PLANS:

- *Provide ICT facility in the department.*

1. Name of the department: **MATHEMATICS**
2. Year of Establishment: Intermediate Science (I.Sc.) course was started under Calcutta University from July 1946. In 1948 B. Sc. Pass course had been introduced in the College. In 1962, B. Sc. Honours course in mathematics was started under the University of Burdwan.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
Professors	-	-
Associate Professors	-	00
Reader	-	00
Asst. Professors	04	00

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
Jayanti Ray (HOD)	M. Sc., B. Ed.	Permanent Guest Teacher	Pure Mathematics	More than 4 Years	NIL
Prasenjit Ghosh	M. Sc. B. Ed (DSA)	Guest Teacher	Pure and applied Mathematics	Contractual Basis	NIL
Buddhadeb Ghosh	M. Sc.	Guest Teacher	Pure and applied Mathematics.	Contractual Basis	NIL
Rajkumar Ghosh	M. Sc.,	Guest Teacher	Pure Mathematics	Contractual Basis	NIL

Kartick Chandra Fentri	M. Sc.	Guest Teacher	Pure Mathematics	Newly Joined	NIL
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11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:N.A.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	96	230	32:1	77:1
2011-12	104	238	52:1	119:1
2012-13	108	226	54:1	113:1
2013-14	86	213	43:1	106:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: PG-04

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University:None

19. Publications:

Publication per faculty: NIL

- * Number of papers published in peer reviewed journals (national / international) by faculty and students: NIL
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):NIL
- * Monographs:NIL
- * Chapter in Books:NIL
- * Books Edited:NIL
- * Books with ISBN/ISSN numbers with details of publishers:NIL
- * Citation Index: NIL
- * SNIP:NIL
- * SJR:NIL
- * Impact factor:NIL
- * h-index: NIL

20. Areas of consultancy and income generated:None

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. Awards/Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists/visitors to the department:

a) Dr. Shorosi Mohan Dan

Vice Chancellor
 The University of Burdwan
 West Bengal
 (2012)

b) Dr. K. C. Chattopadhyay

Ex-Professor
 The University of Burdwan
 West Bengal
 (2012)

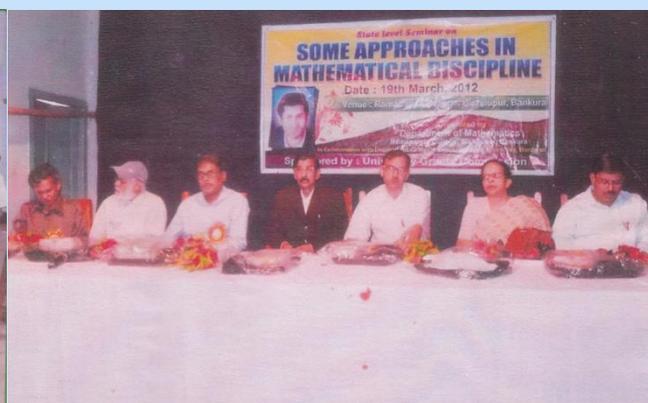
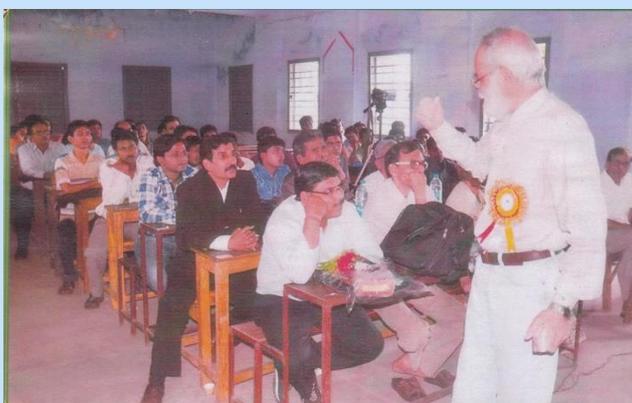
c) Dr. Monoranjan Maiti

Ex-Professor
 Vidyasagar University
 (2012)

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National: 01 (Sponsored by UGC)

b) International: NIL



26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-1011	UG(Honours)	400	19	11	8	100
2011-2012	UG(Honours)	550	20	12	8	80
2012-2013	UG(Honours)	500	25	17	08	84
2013-2014	UG(Honours)	-----	23	06	07	91.3

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	50
PG to M.Phil.	Not known
PG to Ph.D.	Not known
Ph.D. to Post-Doctoral	Information not available
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	10 (SSC)
	Information not available

30. Details of Infrastructural facilities

a) Library :i) No of books in Departmental Library: ---- 90

ii) No of books in Central Library: ----- 1720

- b) *Internet facilities for Staff- Yes
& Students- No*
- c) *Class rooms with ICT facility- NIL*
- d) *Laboratories: One laboratory with 03 computers for UG Honours and General students.*

31. *Number of students receiving financial assistance from college, university, government or other agencies: 20*

32. *Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: NA*

33. *Teaching methods adopted to improve student learning:*

- i) *The departmental library has a good number of books from different branches of Mathematics. Students with mathematics as their Honours subject are allowed to take one book once a week from this departmental library.*
- ii) *All the faculty members take Class tests in regular intervals after completion of a specified part of the syllabus.*

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities:*

Students of mathematics department, studying in the 1st and 2nd year of undergraduate course, participate in the Orientation classes of the NSS, taken by the teachers of the college and invited guests on every Wednesday. Campus cleaning is also conducted on every Wednesday. They involve themselves in various programmes on the special days of international importance, such as International Women's Day, World Environment Day, World AIDS Day, Human Rights Day, etc., observed by the NSS Unit of our college.

A week-long Special Camping Programme is conducted by the NSS Unit, each year, in different adopted villages in Bishnupur. In this programme, our students find interest in making effort to create Health Awareness through cleaning drains and roads in the adopted village, carrying out a survey by distributing leaflets containing a set of questionnaire regarding health and educational awareness.

35. *SWOC analysis of the department and Future plans*

STRENGTHS:

- The Department of Mathematics of this college has four part time teachers. The Departmental Library has a good number of textbooks and reference books on mathematics including computer science.*
- The department has one computer laboratory with three computers.*
- The laboratories are well maintained and whenever any difficulty crops up the faculty members immediately take care of it. Sufficient number of spare parts and accessories are there. A good number of Honours graduates from our department go for Post Graduate studies and then take up research work in different Universities and Institutes while some opt for job-oriented courses like MCA, MBA, as well appeared in School Service Commission, etc.*

WEAKNESSES:

- Though a large number students are admitted in the mathematics honours course, at this moment there is no full time teacher. Thus, the whole syllabus cannot be covered by the only four part time teachers.*

- Moreover, the student to computer ratio in the laboratory is very high ($> 20/3$) consequently the students face lot of problems in the computer practical classes.

OPPORTUNITIES:

- Part-II and Part-III students of mathematics department arrange fresher's well come and accounted each other and they prepare Wall Magazine in which they contribute scientific articles on various topics of their own choice or from the list provided to them by the teachers. Articles are read and corrected, if required, by the teachers. Students are thereby provided enough rooms for improvement of the writing skill and expansion of the scientific knowledge beyond the syllabus.
- The Department of mathematics helps the students in exploring further learning after completion of honours course by providing them the necessary information regarding various Universities and Research Institutes.

CHALLENGES:

- Immediately the department needs full-time teachers and competent personnel for smooth running. It is a serious threat towards having quality students to pursue mathematics Honours Course.
- As the employment scenario in the country in pure and applied mathematics is poor the students with mathematics background faces high difficulty and become disappointed. Until the employment scenario becomes better the quality of students will not improve.

FUTURE PLANS:

- The college authority trying their best to recruit permanent teacher in mathematics by sending vacancy statement to the West Bengal College Service Commission.
- We are planning to procure more computers in the laboratory for smooth conduct the practical cases.
- The college should persue for permanent teachers as early as possible.

1. Name of the department: **NUTRITION**
2. Year of Establishment: 2006
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG(Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	-
<u>Reader</u>	-	-
<u>Asst. Professors</u>	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Gargi Bose</u>	M.Sc.	Assistant Professor	N. A.	2	NIL
<u>Priyam Mondal</u>	M .Sc, CS,B. Ed	Part-time Teacher	Community Nutrition	3	NIL
<u>Sudhamoy Gupta</u>	M. Sc., CS,B. Ed	Guest Teacher	Community Nutrition	1	NIL
<u>Sanhita Roy</u>	M. Sc	Guest Teacher	Community Nutrition	1	NIL

11. List of senior visiting faculty: None

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:40%.*

13. *Student -Teacher Ratio (programme wise):*

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	29	N.A.	14.5:1	N.A.
2011-12	28	N.A.	9.3:1	N.A.
2012-13	35	N.A.	11.6:1	N.A.
2013-14	28	N.A.	14:1	N.A.
2014-15	38	N.A.	12.6:1	N.A.

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:N.A.*

15. *Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: PG-04*

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL*

17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL*

18. *Research Centre /facility recognized by the University:None*

19. *Publications:*

Publication per faculty:

- *Gargi Bose – 01*

- * *Number of papers published in peer reviewed journals (national / international) by faculty and students:*
- * *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):*
- * *Monographs:NIL*
- * *Chapter in Books:NIL*
- *Books Edited:*
- * *Books with ISBN/ISSN numbers with details of publishers:*
- * *Citation Index: NIL*
- * *SNIP:NIL*
- * *SJR:NIL*
- * *Impact factor: NIL*
- * *h-index: NIL*

20. *Areas of consultancy and income generated:None*

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: None

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL

23. Awards/Recognitions received by faculty and students:NIL.

24. List of eminent academicians and scientists/visitors to the department:NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National: NIL

b) International: NIL

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	400	12	6	6	100
2011-2012	UG(Honours)	550	05	4	01	80
2012-2013	UG(Honours)	500	03	02	01	66.67
2013-2014	UG(Honours)	-----	11	01	10	90.91

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? 01 (One)

29. Student progression

<i>Student progression</i>	<i>Against % enrolled</i>
<i>UG to PG</i>	<i>80% Per Year</i>
<i>PG to M.Phil.</i>	<i>NIL</i>
<i>PG to Ph.D.</i>	<i>NIL</i>
<i>Ph.D. to Post-Doctoral</i>	<i>NIL</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	30% NIL 30%
<i>Entrepreneurship/Self-employment</i>	<i>20%</i>

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: ----15
 ii) No of books in Central Library: -----100
- b) **Internet facilities for Staff& Students-** Yes
- c) **Class rooms with ICT facility-** NIL
- d) **Laboratories** : 01 (One)

31. **Number of students receiving financial assistance from college, university, government or other agencies:**N.A.

32. **Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:** NIL

33. Teaching methods adopted to improve student learning:

- i) *Audio-visual Programme*
- ii) *Charts and models*
- iii) *Biochemical tests*
- iv) *Instruments*
- v) *Equipments*

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- i) *Health services*
- ii) *Anthropometric survey,*
- iii) *Nutritional survey,*
- iv) *Epidemiological incident (if any),*
- v) *NSS activity,*
- vi) *Ergonomic evaluation of workers engaged in society and industry*

35. SWOC analysis of the department and Future plans:

STRENGTHS:

- *One of only two colleges in the district of Bankura to offer UG Honours in Nutrition*

- *Consistent good performance by the students*
- *Good relation between faculty and students*

WEAKNESSES:

- *Laboratory and departmental library facilities are currently not well equipped*

CHALLENGE:

- *Maintenance of teaching quality and improvement of student quality*

FUTURE PLANS:

- *Setting up new well equipped laboratory facility*
- *Expansion of the Departmental Library facility*

1. Name of the department: **PHYSICS**
2. Year of Establishment: Intermediate Science (I.Sc.) classes were started under Calcutta University from July 1946 and the Department of Physics came into existence in the same year. Subsequently, B. Sc. course in pure science was started and continued up to 1961. During 1961-62 session, our college came under jurisdiction of B. U. **Three year B. Sc. Honours Degree Course in Physics was introduced from 1969-70 session.** During 1977-78, H. S. (Science) course came into existence which has been discontinued from 2000-2001. In conformity with the All India pattern prescribed by UGC, the three year General and Honours Degree Course was introduced from 1999-2000.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	02
<u>Reader</u>	-	00
<u>Asst. Professors</u>	07	05

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Goutam Biswas</u>	M.Sc., Ph.D.	Associate Professor	X-ray & Crystallography	19 years	NIL
<u>Dr. Mrityunjoy Ghosh</u>	M.Sc., Ph.D.	Associate Professor	Solid State Physics	14 years	NIL

Dr. Baibaswata Bhattacharjee	M.Sc., Ph.D.	Assistant Professor	Nuclear Physics & Cosmic Rays	12 years	NIL
Dr. Tanushree Sahu	M.Sc., Ph.D.	Assistant Professor	High Energy Physics	9 years	NIL
Rajesh Mukherjee (FDP)	M.Sc.	Assistant Professor	X-ray & Crystallography	7 years	NIL
Dr. Banashree Ghosh	M.Sc., Ph.D.	Assistant Professor	Laser Physics	6 years	NIL
Madhumita Dalal	M.Sc.	Assistant Professor	Atmospheric Physics	4 years	NIL
Dr. Shyamal Kr. Pal	M.Sc., Ph.D.	Substitute Teacher	Laser Physics	~1 year	NIL



Occasion of farewell being given to teacher



Teachers' Day snap with 3rd year students and teachers

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: N.A.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	66	181	66:7	26:1
2011-12	63	199	63:7=9:1	28:1
2012-13	85	248	85:7	35:1

2013-14	66	168	66:7	24:1
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14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:* Sanctioned-02, Filled-01

15. *Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG:* Ph.D.-06, PG-02

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:* NIL

17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:* NIL

18. *Research Centre /facility recognized by the University:* None

19. *Publications:*

Publication per faculty:

* *Number of papers published in peer reviewed journals (national / international) by faculty and students:*

Dr. Goutam Biswas – 27

Dr. Mrityunjoy Ghosh – 30

Dr. Baibaswata Bhattacharjee – 25

Dr. Tanushree Sahu – 18

Mr. Rajesh Mukherjee – 03

Dr. Banashree Ghosh Pal – 08

Mrs. Madhumita Dalal – Nil

Dr. Shyamal Kumar Pal – 10

* *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):*

Dr. Goutam Biswas – 19

Dr. Mrityunjoy Ghosh – 30

Dr. Baibaswata Bhattacharjee – 22

Dr. Tanushree Sahu – 15

Mr. Rajesh Mukherjee – 03

Dr. Banashree Ghosh Pal – 08

Mrs. Madhumita Dalal - Nil

Dr. Shyamal Kumar Pal – 09

[For details of publications please see College website, Departmental Profile]

* *Monographs:* NIL

* *Chapter in Books:* NIL

* *Books Edited:* NIL

* *Books with ISBN/ISSN numbers with details of publishers:* NA

* *Citation Index:* NA

* *SNIP:* NA

- * *SJR:NA*
- * *Impact factor: NA*
- * *h-index: NA*

20. *Areas of consultancy and income generated:None*



Get together on the occasion of farewell of non-teaching and teaching staff

21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards:

(i) Dr. Mrityunjoy Ghosh: Life Member of- IPS, IAPT and Vigyan Mancha.

(ii) Dr. Baibaswata Bhattacharjee: Journal reviewer and Member of the Editorial & advisory board of the Journal of Asian Resonance, ISSN no-0976-8602(2014-2015).

22. *Student projects*

a) Percentage of students who have done in-house projects including inter departmental/programme:NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL

23. *Awards/Recognitions received by faculty and students:*

Dr. Goutam Biswas –

- *Dr. Biswas got National Scholarship (Govt. of India) during his study at the Post Graduate level (1980-1982).*
- *He joined as Junior Research Fellow (JRF) and continued later as Senior Research Fellow (SRF) in the Department of Biophysics, Bose Institute, Calcutta, with DST project on “Structural Characterization, crystallization and structure determination of molecules of biological interest namely, antiviral / antitumor nucleoside analogs by X-ray diffraction methods”, during 1984-1989.*
- *He continued with an ICMR project on ‘Fundamental of chemotherapy at molecular level’, as Research Associate in the Department of Biophysics, Bose Institute, Calcutta, during 1991-1992.*
- *He obtained CSIR (Govt. of India) Research Associate-ship (adhoc) on “Purification, crystallization and X-ray studies of some protein at CDRI, Lucknow, during 1994.*

Dr. Mrityunjoy Ghosh –

- *Dr. Ghosh obtained Post-Doctoral Fellowship (S. T. A. Fellow) at National Technology Centre of Nagasaki, Japan (09.05.2000-10.08.2000) in the research group of Prof. K. Baba.*

Dr. Baibaswata Bhattacharjee –

- *Dr. Bhattacharjee received the **National Scholarship** for talented children (rural areas-class VIII) sponsored by the **Government of West Bengal, INDIA, in 1988.***
- *He received the **National Merit Scholarship**, in 1991.*
- *He received the Dooars Branch Indian Tea Association (DBITA) meritorious students' award for securing **second position** amongst the successful students in the Higher Secondary **Examination in the district of Jalpaiguri**, in 1993.*
- *Dr. Bhattacharjee received the **award for the best paper** In Physical and Materials Science for presenting the paper "Structural properties of nanocrystalline ZnS films prepared by high pressure d.c. magnetron sputtering" at the 24th annual conference of EMSI on electron microscopy and allied fields held at Panjab University, Chandigarh during February 9-11, 2001.*
- *He was a **Post Doctoral Research Fellow** at the National Taiwan University, during 2005-2006, in the research group of Professor Chung –Hsin Lu.*

Dr. Tanushree Sahu –

- *Dr. Sahu qualified in GATE with **95.41 percentile**, in Physics, in the year 1999.*
- *In the year 1999, she qualified in Joint CSIR-UGC NET (National Eligibility Test) for **Junior Research Fellowship in Physical Sciences** and joined the PhD work under that Fellowship Scheme, in the research group of Prof. T. Ganguly, Department of Spectroscopy, at Indian Association for the Cultivation of Science.*

Prof. Rajesh Mukherjee –

- *Prof. Mukherjee qualified in GATE with **94.17 percentile**, in Physics, in the year 2001.*
- *In the year 2001, he qualified in Joint CSIR-UGC NET (National Eligibility Test) for **Junior Research Fellowship in Physical Sciences.***

Dr. Banashree Ghosh Pal –

- *Dr. Ghosh Pal qualified in Joint CSIR-UGC NET (National Eligibility Test) for **Junior Research Fellowship in Physical Sciences**, in the year 2003.*

Prof. Madhumita Dalal –

- *Prof. Dalal received **National Scholarship** for securing high position in the list of meritorious candidates qualifying in the Higher Secondary Examination, from West Bengal, in 2003.*
- *Prof. Dalal qualified in **Joint CSIR-UGC NET (National Eligibility Test) for Lectureship** in Physical Sciences in 2007.*

Dr. Shyamal Kumar Pal –

- *Dr. S. K. Pal qualified in Joint CSIR-UGC NET (National Eligibility Test) for **Junior Research Fellowship in Physical Sciences**, in the year 2003.*

24. List of eminent academicians and scientists/visitors to the department:**a) Prof. Jayanta Kr. Bhattacharyya**

*Sr. Professor & Dean (Faculty),
S.N. Bose National Centre for Basic Sciences,
Salt Lake, Kolkata-700 091*

b) Prof. Soumitra Sengupta

Sr. Professor & Head,

*Department of Theoretical Physics,
Indian Association for the Cultivation of Science,
Jadavpur, Kolkata -700 032.*

c) Prof. Debsankar Ray

*Department of Physical Chemistry
Indian Association for the Cultivation of Science,
Jadavpur, Kolkata -700 032.*

d) Prof. B.K. Chakrabarti

*Department of Theoretical Condense Matter Physics
Saha Institute of Nuclear Physics,
1/AF Bidhan Nagar, Salt Lake City, Kolkata-700 064.*

e) Prof. Indrani Bose

*Department of Physics, Bose Institute,
93/1, A.P.C. Road, Kolkata -700 009.*

f) Prof. Arghya Taraphder

*Department of Physics,
IIT, Kharagpur
West Bengal*

g) Prof. Sangam Banerjee

*Surface Physics Divison,
Saha Institute of Nuclear Physics,
1/AF Bidhan Nagar, Salt Lake City, Kolkata-700 064.*

h) Dr. Indranil Das

*Saha Institute of Nuclear Physics,
1/AF Bidhan Nagar, Salt Lake City, Kolkata-700 064.*

i) Prof. Tapan Ganguly

*Department of Spectroscopy,
Indian Association for the Cultivation of Science,
Jadavpur, Kolkata-700 032.*

j) Dr. Kalyan Kr. Chattopadhyay

*Thin film & Nanoscience Laboratory,
Department of Physics,
Jadavpur University, Kolkata-700 032.*

k) Dr. Mrinal Pal

*Department of Physics,
University of Burdwan, W. Bengal, Pin- 713104*

l) Dr. Subodh Kr. De

*Department of Materials Science,
Indian Association for the Cultivation of Science,
Jadavpur, Kolkata -700 032.*

m) Dr. A.K. Meikap

*Department of Physics,
National Institute of Technology,
Durgapur, W. Bengal, Pin-713209.*

n) Prof. Amitava Patra

*Department of Material Science,
Indian Association for the Cultivation of Science,
Jadavpur, Kolkata-700 032.*

o) Prof. Satya Ranjan Bhattacharyya

*Surface Physics Division,
Saha Institute of Nuclear Physics,
1/AF Bidhan Nagar, Salt Lake City, Kolkata-700 064.*

p) Prof. S.K. Pradhan

*Department of Physics, University of Burdwan,
W. Bengal, Pin- 713104*

q) Dr. Biswarup Satpati

*Centre for Advance Material Processing,
Central Mechanical Engineering Research Institute,
Durgapur, W. Bengal,
Pin -713209.*

r) Prof. Somendra Mohan Bhattacharjee

*Institute of Physics,
Bhubaneswar, Orissa.*

s) Dr. Kaustuv Sanyal

*Molecular Mycology Laboratory,
Jawaharlal Nehru Centre for Advanced Scientific Research,
Bangalore- 560064.*

t) Prof. Sampa Biswas

*Crystallography & Molecular Biology division,
Saha Institute of Nuclear Physics,
1/AF Bidhan Nagar, Salt Lake City,
Kolkata -700 064.*

u) Prof. Mrinal Kr. Maiti

*Department of Biotechnology and Advance Lab for Plant Genetic Engineering,
I I T- Kharagpur, W. Bengal.*

v) Prof. Pranab Roy

*Department of Biotechnology,
University of Burdwan,
W. Bengal, Pin- 713104*

w) Dr. A.L. Haldar

Scientist – FE
 Remote Sensing Application Centre, U.P.,
 Sector – G, Kursi Road,
 Janki Puram, Lucknow -226021.

x) Mr. B.R. Kundu

ONGC Ltd.,
 Mumbai – 400017

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:

1. Two Day Science Camp on “Learning by Doing: Science Mysteries Demystified”, during 8th-9th January, 2014, Sponsored by Centre for Advanced Research and Education (CARE), Kolkata, Saha Institute of Nuclear Physics (SINP), Kolkata and the Department of Science & Technology, West Bengal, Bikash Bhavan, Salt Lake, Kolkata.
2. National Seminar on “Emerging Trends in Biophysical Reseaches”, during 12th-13th September, 2011, in collaboration with the Departments of Botany, Zoology, Physiology and Nutrition, Ramananda College, Sponsored by the University Grants Commission.
3. A Lecture Workshop on “Interdisciplinary Physics: Some Basic Aspects”, during 6th-7th January, 2011, Sponsored by Joint Science Education Programme of Indian Academy of Sciences (Bangalore), Indian National Science Academy (New Delhi) and The National Academy of Sciences, India (Allahabad).

b) State Level Seminar:

1. State Level Seminar on “Nanomaterials: Synthesis and Applications”, held on 8th September, 2010, Sponsored by University Grants Commission.

c) International: NIL

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED (Appeared in the Exam.)	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	400	15	8	7	100
2011-2012	UG(Honours)	550	15	13	2	86.66
2012-2013	UG(Honours)	500	15	11	4	46.67
2013-2014	UG(Honours)	-----	20	14	6	80

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	~80
PG to M.Phil.	NIL
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	Information not available

30. Details of Infrastructural facilities

a) Library :i) No of books in Departmental Library: 195

ii) No of books in Central Library: 1205

b) Internet facilities for Staff-Yes
& Students-No

c) Class rooms with ICT facility- NIL

d) Laboratories :Six laboratories with adequate equipment for UG Honours and General students

31. Number of students receiving financial assistance from college, university, government or other agencies:~15 students/session

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

i) A one day seminar was organized jointly by Dept. of Physics and the Dept. of Chemistry on 26th July,2013. The lecture was delivered by **Dr. Rejendra Narayan Mitra** on "Nanoparticles and Nanotherapy for retinopathy.

ii) A special lecture was delivered by Dr. Amrit Lal Haldar; Scientist, RSAC; on "Remote Sensing and GIS techniques for natural resources and Disaster management" on 26 .11.13.

33. Teaching methods adopted to improve student learning:

i) The departmental library has a good number of books from different branches of Physics. Students with Physics as their Honours subject are allowed to take one book twice a week from this departmental library.

- ii) *The department has had a major contribution in framing of model questions released by the University of Burdwan for distribution among the affiliated colleges of this University. In addition, the departmental library also contains model questions, class test, annual examination and University pre-qualifying test papers set by the faculty members.*
- iii) *All the faculty members take Class tests in regular intervals after completion of a specified part of the syllabus.*

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students of our department, studying in the 1st and 2nd year of undergraduate course, participate in the Orientation classes of the NSS, taken by the teachers of the college and invited guests on every Wednesday. Campus cleaning is also conducted on every Wednesday. They involve themselves in various programmes on the special days of international importance, such as International Women's Day, World Environment Day, World AIDS Day, Human Rights Day, etc., observed by the NSS Unit of our college.

A week-long Special Camping Programme is conducted by the NSS Unit, each year, in different adopted villages in Bishnupur. In this programme, our students find interest in making effort to create Health Awareness through cleaning drains and roads in the adopted village, carrying out a survey by distributing leaflets containing a set of questionnaire regarding health and educational awareness.

35. SWOC analysis of the department and Future plans

STRENGTHS:

- The Department of Physics of this college has five teachers (out of seven), having Ph. D. as their highest qualification. The subjects of specialization, in M. Sc., of the teachers are diversified: **Solid State Physics, Nuclear Physics, X-Ray & Crystallography, High Energy Physics, LASER Physics, and Atmospheric Physics.** The Departmental Library has a good number of textbooks and reference books on physics including books on physical constants and laboratory manuals. A few national journals are also there. In perusing the syllabus of Physics Honours and General Course the students hardly encounter any inconvenience.*
- The department has four spacious and well-ventilated laboratories (involving four rooms in total) which accommodate the instruments for carrying out experiments, as per the University-prescribed syllabus for Honours in all the three years. They are designated as **Non-Electrical, Electrical and Magnetic, Electronics and Optical Laboratories** respectively.*
- The experiments on **Physics General Course** are accommodated in three spacious and well-ventilated rooms. The general practical classes of Part-II and Part-III are held there.*
- There is also a **Personal Computer, housed in a duly furnished room for use of the students of the department of Physics.** The laboratories are well maintained and whenever any difficulty crops up the faculty members immediately take care of it. Sufficient number of spare parts and accessories are there. A good number of Honours graduates from our department go for Post Graduate studies and then take up research work in different Universities and institutes while some opt for job-oriented courses like MCA, MBA etc.*

WEAKNESSES:

- The number of the members of the non-teaching staff is significantly insufficient and this creates a huge problem in running the practical classes smoothly. In order to accommodate a convenient number of students in different subgroups while distributing assignments to them, it becomes essential to divide the total number of*

students, in each year, whether Honours or General, into two separate groups. For this reason, most of the days of each week, 2-3 practical classes are conducted simultaneously and it becomes an inhuman task for any one person to satisfy the need of all the students present in the laboratory. This hampers students' academic interest to a great extent.

- **There is a shortage of requisite number of Seminar Rooms.** This sometimes leads to inconvenience for both students and teachers.
- **Gradual decrease in students' attendance in class is a matter of concern.** Even the Honours classes are not totally immune to this problem.

OPPORTUNITIES:

- **Our department often arranges workshops** where our students, undergraduate students from other colleges, together with the students of X-XIIth standard from nearby schools, come to interact with various eminent personalities while demystifying wonders of Physics. Simple experiments are demonstrated and the underneath principles are explained. Also, theoretical topics related to the syllabus are chosen and distinguished faculty members from various universities and institutes are invited to deliver lectures on those topics. This gives a positive impact on the students and helps them in finding the subject more interesting.
- Students of the department enthusiastically prepare **Wall Magazine** in which they contribute scientific articles on various topics of their own choice or from the list provided to them by the teachers. Articles are read and corrected, if required, by the teachers. Students are thereby provided enough rooms for improvement of the writing skill and expansion of the scientific knowledge beyond the syllabus.
- For the **development of oratory skill** of our students, selected topics are provided to them beforehand and they deliver lectures on the topics on the prefixed date. It is observed that, many of the students display exemplary oratory skill. This also has the impact of overcoming the barrier of fear at the very formative stage of their life.
- The **Department organizes lectures by eminent personalities of Physics** whenever it is possible. Through these lectures the students gain knowledge about contemporary advancements in the field of Science and feel inspired to move ahead with Physics all along their career path. They are also given the opportunity to interact at the personal level with the eminent persons who open the broad frontier of Science before the young minds.
- The Department of Physics **helps the students in exploring different avenues to pursue further studies**, after completing their Undergraduate Course, by providing them with necessary information regarding various Universities and Research Institutes in India and abroad.

CHALLENGES:

- It is a recognized fact that the best brains should come to serve the cause of the basic sciences. This is also a prerequisite to provide sufficient number of qualified and competent personnel to the teaching and research institutes of the country. However, for the past few years there has been a craze of the highly meritorious students of Science to opt for Engineering and Technical courses of studies. This feature has posed a serious threat towards having quality students to pursue Physics Honours Course.
- The employment scenario in the country as a whole is another discouraging factor repelling the students to pursue this highly difficult subject like Physics, which does not open a secured avenue of employment.

FUTURE PLANS:

- Although the department has a well-equipped laboratory pertaining to both Honours and General courses, we wish to enrich it further with additional experimental set-ups to demonstrate both fundamental and contemporary aspects of Physics, which will enable our students to delve deep into the subject and redefine their aim in life, motivate themselves to be with Physics in the future. The department has commendable teaching personnel and efforts will be made to run post-graduate course in Physics.

- *We have plans to arrange science seminar, model based exhibition, quiz contest in every coming year in collaboration with competent institutions and learned faculty members from different universities and institutes. This will immensely help to promote the students of this locality to understand the basic principles and applications of Physics and make Physics friendly and enjoyable to them. Efforts are on to run short time project to train H.S. students of our locality by hands-on experiments showcasing fundamentals of Physics.*

1. Name of the department: **PHYSIOLOGY**
2. Year of Establishment:
 - Higher Secondary-1960
 - UG General- 1960
 - UG Honours-1988
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved:
 - Environmental Science Class
 - NSS Class
 - Remedial Coaching Class
 - Human rights Class
 - Class collaborated with Nutrition
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments:
 - Human rights
 - Career Counseling Course
 - SSC Coaching
7. Courses in collaboration with other universities, industries, foreign institutions:
 - Distance learning Course
 - IGNOU
8. Details of courses/programmes discontinued (if any) with reasons: Higher Secondary (as per govt. notification)
9. Number of Teaching posts:

	SANCTIONED	FILLED	VACANT
Professors	-	-	-
Associate Professors	-	01	-
Reader	-	00	-
Asst. Professors	04	00	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Debanka Sekhar Misra</u>	M.Sc. B.Ed, M. Phil, Ph. D	Associate Professor	Ergonomics & Work Physiology	25 Years	NIL
<u>Saroj Ballav</u>	M.Sc, B.Ed	Part time teacher	Microbiology & Immunology	7 Years	NIL
<u>Rudrani Mukherjee</u>	M.Sc, B.Ed	Part time teacher	Microbiology & Immunology	6 Years	NIL
<u>Dipak Kumar Maiti</u>	M.Sc.	Part time teacher	Work and Sports Physiology	5 Years	NIL
<u>Chaitali Kundu</u>	M.Sc.	Part time teacher	Microbiology & Immunology	5 Years	NIL
<u>Arpita Ghosh</u>	M.Sc B.Ed	Guest Teacher	Work and Sports Physiology	3 Years	NIL
<u>Anurag Paramanik</u>	M.Sc	Guest Teacher	Endocrinology	3 Years	NIL
<u>Chanchal Kundu</u>	M.Sc B.Ed	Guest Teacher	Neurophysiology	1 Year	NIL
<u>Kalisankar Ghorai</u>	M.Sc B.Ed	Guest Teacher	Work and Sports Physiology	2 Years (Up to Nov. 2013)	NIL
<u>Amit Santra</u>	M.Sc B.Ed	Guest Teacher	Microbiology & Immunology	3 Months (From Dec. 2013)	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Programme	Name of the temporary faculty	% of Lectures delivered/ classes handled							
		2010-11		2011-12		2012-13		2013-14	
		Th.	Pr.	Th.	Pr.	Th.	Pr.	Th.	Pr.
UG	Arpita Ghosh	3.3	5.0	3.3	5.0	3.3	5.0	3.3	5.0
	Anurag Paramanik	3.3	5.0	3.3	5.0	3.3	5.0	3.3	5.0
	Chanchal Kundu	3.3	5.0	3.3	5.0	3.3	5.0	3.3	5.0
	Kalisankar Ghorai	3.3	5.0	3.3	5.0	3.3	5.0	3.3	5.0

	Amit Santra	3.3	5.0	3.3	5.0	3.3	5.0	3.3	5.0
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13. Student -Teacher Ratio (programme wise):31:1

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	16	98	4:1	98:4
2011-12	15	63	15:4	63:4
2012-13	13	78	13:4	78:4
2013-14	05	58	05:4	58:4

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Sanctioned-02, Filled-02

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-01, PG-09

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: None

19. Publications:

Publication per faculty:

Dr. Debanka Sekhar Misra:

- Protective Effect of Composite Extract of *Withania somnifera*, *Ocimum sanctum* and *Zingiber officinale* on Swimming-Induced Reproductive Endocrine Dysfunctions in Male Rat. D.S. Misra, R. Maity, S. Bera, K. Das and D. Ghosh. *Iranian Journal of Pharmacology and Therapeutics*, 2005,4; 110-117.
- Protective response of methanolic extract of *Ocimum sanctum*, *Withania somnifera* and *Zingiber officinalis* on Swimming- Induced oxidative damage on Cardiac, Skeletal and Brain Tissues in Male Rat : A Duration Dependent Study. D.S. Misra, R. Maiti, C. Mallick and D. Ghosh. *International Journal of Pharmacology* ,2(6): 647-655, 2006.
- Protection of Swimming-Induced Oxidative stress in Some Vital Organs by the Treatment of Composite Extract of *Withania somnifera*, *Ocimum sanctum* and *Zingiber officinalis* in Male Rat. D.S. Misra, R. Maity and D. Ghosh. *Afr.J.of Traditional, Complementary and Alternative Medicine*, 2009,6(4); 534-543.
- Antioxidant Potency of Aqueous Methanol Extract of Seed of *Tamarindus indica* for the Management of Streptozotocin-induced Diabetes Mellitus in Rat. Maiti R, De D, Ali KM, Chatterjee K, Misra DS and Ghosh D. 2012. *International Journal of Research in Pharmaceutical and Biomedical Sciences*. 3(1): Jan-Mar: 368-381.
- Attenuation of Swimming –Induced Oxidative Stress by Composite herbal supplement on Antioxidative parameters in male rat. D.S. Misra, D. Ghosh & R. Maiti. *International J. of Pharma and BioSciences*, 2013, July; 4(3): (B) 543-552.

- * *Number of papers published in peer reviewed journals (national / international) by faculty and students: NIL*
- * *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):NIL*
- * *Monographs:NIL*
- * *Chapter in Books:NIL*
- * *Books Edited:NIL*
- * *Books with ISBN/ISSN numbers with details of publishers:NIL*
- * *Citation Index: NIL*
- * *SNIP:NIL*
- * *SJR:NIL*
- * *Impact factor:NIL*
- * *h-index: NIL*

20. *Areas of consultancy and income generated:None*

21. *Faculty as members in*

a) *National committees b) International Committees c) Editorial Boards: NIL*

22. *Student projects*

a) *Percentage of students who have done in-house projects including inter departmental/programme:*

- *UG (Honours)- Honoursstudents carry out in-house projects and diet survey reports work for partial fulfillment of B.Sc. degree.*
- *UG (Honours & General)- 100% students undertake ENVIS projects*

b) *Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL*

23. *Awards/Recognitions received by faculty and students:NIL*

24. *List of eminent academicians and scientists/visitors to the department:*

<i>Sl. No.</i>	<i>Name of the Speaker</i>	<i>Nature</i>	<i>Year</i>	<i>Lecture/seminar topics</i>
1	<i>Prof. Biswanath Koley HOD, Department Of Physiology University of Calcutta 92 APC Road, Calcutta-9</i>	<i>Inspection from Burdwan University</i>	2009	<i>Burdwan University</i>
2	<i>Dr. J.P Haldar HOD, Suri Vidyasagar College Suri, Birbhum</i>	<i>Academician</i>	(1995)	<i>Burdwan University</i>
3	<i>Dr. Manoj Kr. Chakraborty NICED, Kolkata</i>	<i>N.M. Basu Memorial Oration & Seminar Competition</i>	2009	<i>N.M. Basu Memorial Committee</i>
4	<i>Prof. Tushar Kanti Ghosh</i>	<i>N.M. Basu Memorial</i>	2009	<i>N.M. Basu</i>

	<i>HOD, Department Of Physiology and community health VU, Paschim Medinipur, WB</i>	<i>Oration & Seminar Competition</i>		<i>Memorial Committee</i>
5	<i>Dr. Manoranjan Mandal DM and Head Department Of Cardiology Bankura Sammilani Medical College, Bankura</i>	<i>National Seminar</i>	2009	<i>Departmental Students, Staff & Well Wishers</i>
6	<i>Madhusudan Pal Scientist- C, DIPAS, DRDO Temarpur, New Delhi (2009)</i>	<i>National Seminar</i>	2009	<i>Departmental Students, Staff & Well Wishers</i>
7	<i>Dr. Himangshu Bhusan Kundu Retired Scientist, DRDO</i>	<i>National Seminar</i>	2009	<i>Departmental Students, Staff & Well Wishers</i>
8	<i>Dr. Durga Pada Dalui Assistant Professor, Department Of Physiology Midnapur Medical College Paschim Medinipur, WB</i>	<i>Departmental Seminar</i>	2012	<i>Departmental Students, Staff, Well Wishers & Ramananda College</i>
9	<i>Swami Bholananda Ramkrishna Math Bishnupur, Bankura</i>	<i>Departmental Seminar</i>	2012	<i>Departmental Students, Staff, Well Wishers & Ramananda College</i>

25. Seminars/ Conferences/Workshops organized & the source of funding:

- National:** 01: Funded by Departmental Students, Staff, Well Wishers and N.M Basu memorial committee (First National Seminar in the College).
- International:** NIL
- Departmental Seminar:** 01: Funded by Departmental Students, Staff, Well Wishers & Ramananda College



ECG & Acuteness of Vision testing Stagewise development of Human Embryo

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-2011	UG(Honours)	400	01	00	01	100
2011-2012	UG(Honours)	550	00	00	00	0
2012-2013	UG(Honours)	500	06	03	03	83.33
2013-2014	UG(Honours)	-----	03	03	00	66.67

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	Nil
Entrepreneurship/Self-employment	20%

30. Details of Infrastructural facilities

a) Library :i) No of books in Departmental Library: 54

ii) No of books in Central Library: 338

b) Internet facilities for Staff- Yes

& Students- No

c) *Class rooms with ICT facility- One Lecture Theatre with one LCD projector, Overhead projector, laptop and computer with unlimited internet browsing facility.*

d) *Laboratories:06*

- *One Histology and Haematology lab*
- *Two Biochemical labs;*
- *Two Experimental Physiology labs;*
- *One SOS Health check-up lab.*

31. *Number of students receiving financial assistance from college, university, government or other agencies:Kannashree Scholarship (01), SC/ST stipend:-20 (In four sessions)*

32. *Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:*

<i>Sl. No.</i>	<i>Name of the Speaker</i>	<i>Nature</i>	<i>Year</i>	<i>Lecture/seminar topics</i>
1	<i>Dr. Manoj Kr. Chakraborty NICED, Kolkata</i>	<i>N.M Basu memorial oration and seminer competition.</i>	2009	<i>Life and Contribution of Prof. N.M Basu</i>
2	<i>Prof. Tushar Kanti Ghosh HOD, Dept. Of Physiology and community Health, VU, Paschim Medinipur, WB</i>	<i>N.M Basu memorial oration and seminer competition.</i>	2009	<i>Contribution of Prof. N.M Basu in Physiology</i>
3	<i>Dr. Manoranjan Mandal DM and Head , Dept. Of Cardiology, Bankura Sammilani Medical College, Bankura</i>	<i>National Seminar</i>	2009	<i>Insights in Cardiac problems and its management.</i>
4	<i>Madhusudan Pal Scientist- C, DIPAS, DRDO, Temarpur, New Delhi</i>	<i>National Seminar</i>	2009	<i>Stress and its management</i>
5	<i>Dr. Himangshu Bhusan Kundu Retired Scientist, DRDO</i>	<i>National Seminar</i>	2009	<i>Life Style and Cardiac Problems</i>
6	<i>Dr. Durga Pada Dolui Assistant Professor, Dept. Of Physiology, Midnapur Medical College, Paschim Medinipur, WB</i>	<i>Departmental Seminar</i>	2012	<i>Hypertension and its physiological aspects.</i>

7	<i>Dr. Manoranjan Mandal DM and Head, Dept. Of Cardiology, Bankura Sammilani Medical College, Bankura</i>	<i>Seminar</i>	<i>2012</i>	<i>Protection of Hypertension and Stroke.</i>
8	<i>Swami Bholananda Ramkrishna Math, Bishnupur, Bankura</i>	<i>Departmental Seminar</i>	<i>2012</i>	<i>Scientific thoughts of Swami Vivekananda on the 150th Birthday</i>
9	<i>Shyama Prasad Mukherjee Hon'ble Minister, Govt. Of WB</i>	<i>Science Exhibition</i>	<i>2013</i>	<i>Scientific awareness and video programme on Anatomy of Human Body</i>
10	<i>Prof. Debashis Mukhopadhyay SINP, Kolkata</i>	<i>Science Exhibition</i>	<i>2013</i>	<i>Evaluator of science exhibition</i>
11	<i>Dr. Arindam Rana Associate Professor, City College, Dept. Of Chemistry, Kolkata</i>	<i>Science Exhibition</i>	<i>2013</i>	<i>Evaluator of science exhibition</i>

33. Teaching methods adopted to improve student learning:

- i) Class room lecture & Practical demonstration
- ii) Audio-visual programme
- iii) Overhead projection
- iv) LCD projection
- v) Charts and models display
- vi) Preserved specimens display
- vii) Biochemical tests
- viii) Use of related instrument and equipments
- ix) Scientific sessions
- x) Visit to slum areas in NSS Programme
- xi) Educational tour



Charitable medical check-up



NSS activity

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- i) Health status
- ii) Immunization facility provided by the Government
- iii) Anthropometric survey
- iv) Nutritional survey
- v) Report collection on Epidemiological Incident (if any)
- vi) NSS activity
- vii) Ergonomic evaluation of workers engaged in society and industry

35. SWOC analysis of the department

STRENGTHS:

- Obedient nature and industrious habits of all Honours & General students.
- Satisfactory performance of students in the University Examinations.
- Availability of sufficient number of instruments for regular Honours and General courses.
- Availability of automatic report printing ECG machine.
- Good laboratory infrastructure.
- Heartiest coordination among full time lecturers, part-time teachers and Guest teachers, including the non-teaching staff of the Department.
- Departmental library facility (ad libitum) with costly books for all students

WEAKNESSES:

- Unavailability of preservation of cadaver for intricate human anatomy learning.
- Insufficient number of permanent lecturers.
- Lack of sophisticated museum.
- Wastage of time to avail cooperation for repairing and new entry of instruments on account of the remote location of the college.
- Shortage of laboratory staff.
- Lack of innovative practices and research work.

OPPORTUNITIES:

- Human physiology attracts learners mostly as they know themselves.
- Seminars, workshops and exhibitions on newer problems of human beings and their medical measures.
- Consultancies with eminent doctors and personalities associated with special fields.
- SOS bodily checkups and decision making.
- Incorporation of ex-students in medical representative, chemist & druggist labs, diagnostic centers, etc. other than research and teaching practices/professions.
- Community survey and NSS activities as paramedical members in the society.
- To predict and forecast any scope of epidemic in a locality.
- To act as a learned volunteer on food and nutritional surveys, immunization schedules, checkups in our country.
- To pursue ex-students in ergonomics labs, sports lab, yoga lab and DRDO research centers with their physiology background.

CHALLENGES:

- *Human physiology is a basic science under the perview of medical curriculum. The admitted students are to make adjusted for the subject with enough difficulty as they come from the mediocare background.*
- *Implementation of updated methodology (New Syllabus-wise) is constrain for the teachers considering lack of sufficient fund and space.*
- *Laboratory staffs are not updated as per the new syllabus through any workshop or any other educational policy.*

FUTURE PLANS OF THE DEPARTMENT:

The Department is maintaining UG (Hons & General) courses for a long time. Considering the social implication of this subject PG course with R&D facility is expected if all other provisions are fulfilled in the near future. Not only that higher education (i.e. PG) in Human Physiology with Community Health is not available at the present moment in the District of Bankura and Purulia.

Several vocational courses and training courses can be implemented through which our future generation can be employed in various diagnostic centers, sports medicine laboratories; industrial R&D sectors as well as they may be the guide for society's good health and practice for life time.

1. Name of the department: **ZOOLOGY**
2. Year of establishment:
 - UG General- 1960
 - UG Honours-1965
3. Names of programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of interdisciplinary courses and the departments/units involved: None
5. Annual/ Semester/Choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	01
<u>Reader</u>	-	00
<u>Asst. Professors</u>	05	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Paresh Ch. Pal</u>	M.Sc., Ph.D.	Associate Professor	Fish and Fisheries	14 years	NIL
<u>Ms. Nilanjana Chatterjee* (FDP)</u>	M.Sc., B.Ed., DITA	Assistant Professor	Molecular Cytogenetics, Cancer Biol. and Biotech.	8 years	NIL
<u>Mr. Prakash Kr. Santra</u>	M.Sc., M.Phil. B.Ed.	Assistant Professor	Cytogenetics	6 years	NIL

Dr. Pallab Ray*	M.Sc., Ph.D.	Substitute Teacher	Cytogenetics and Molecular Biology	2 year	NIL
Mr. Amarnath Shit	M.Sc.	Part-time Teacher	Ecology and Env. Biol.	7 years	NIL
Mr. Prasenjit Sarkar	M.Sc., B.Ed., DITA	Part-time Teacher	Entomology	4 years	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: N.A.

13. Student -Teacher Ratio (programme wise): UG Honours – 10.5:1
 UG General – 34:1

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	27	60	7:1	15:1
2011-12	34	52	9:1	14:1
2012-13	40	57	10:1	15:1
2013-14	59	67	15:1	17:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Sanctioned-03, Filled-02

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-02, M. Phil. – 01, PG-06

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /Facility recognized by the University: None

19. Publications:

Publication per faculty:

Dr. Pallab Ray:

- Mazumdar M*, Adhikary A* , Chakraborty S, Mukherjee S, Manna A, Saha S, Mohanty S, Dutta A, Ray P, Banerjee S, Chakraborty J, Ray A. K, Sa G and Das T. Targeting RET to induce medullary thyroid cancer cell apoptosis: An antagonistic interplay between PI3K/Akt and p38MAPK/caspase-8 pathways. Apoptosis 2013 Jan 18. ISSN: 1360-8185 (IF: 4.788)

*These two authors have contributed equally

2. Sen GS *, Mohanty S *, Hossain DMS, Bhattacharyya S, Banerjee S, Chakraborty J, Saha S, Ray P, Bhattacharjee P, Mandal D, Bhattacharya A, Chattopadhyay S, Das T, and Sa G. Curcumin enhances the efficacy of chemotherapy by tailoring p65NF κ B-p300 cross-talk in favor of p53-p300 in breast cancer. *Journal of Biological Chemistry* 2011 Dec 9; 286(49): 42232-47. ISSN: 0021-9258 (IF: 5.328).

*These two authors have contributed equally

3. Saha B *, Adhikary A *, Ray P, Saha S, Chakraborty S, Mohanty S, Das K, Mukherjee S, Majumder M, Lahiry L, Hossain DMS, Sa G and Das T. Restoration of tumor suppressor p53 by differentially regulating pro- and anti-p53 networks in HPV-18-infected cervical cancer cells. *Oncogene* 2012 Jan 12; 31(2):173-86. ISSN: 0950-9232 (IF:7.414).

*These two authors have contributed equally

4. Hossain Dewan Md S, Mohanty S, Ray P, Das T and Sa G. Tumor gangliosides and T cells: A deadly encounter. *Frontiers in Biosciences (Schol Ed)* 2012 Jan 1; 4: 502-19. ISSN: 1945-0524 (IF: 3.74).

5. Chakraborty J, Banerjee S, Ray P, Hossain DM, Bhattacharyya S, Adhikary A, Chattopadhyay S, Das T, Sa G. Gain of cellular adaptation due to prolonged p53 impairment leads to functional switchover from p53 to p73 during DNA damage in acute myeloid leukemia cells. *Journal of Biological Chemistry* 2010 Oct 22; 285(43): 33104-12. ISSN: 0021-9258 (IF: 5.328).

6. Sa G, Das T, Ray P, Banerjee S and Chakraborty J. Oncogenes as molecular target for curcumin-induced cancer cell apoptosis. *Perspectives in Cytology & Genetics* 2009; 14: 95-104. ISSN: 0970-4507 (IF:)

* Number of papers published in peer reviewed journals (national / international) by faculty and students: 01/05

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):05

* Monographs:NIL

* Chapter in Books:NIL

* Books Edited:NIL

* Books with ISBN/ISSN numbers with details of publishers:NIL

* Citation Index: NIL

* SNIP:NIL

* SJR:NIL

* Impact factor:26.598

* h-index: ---

20. Areas of consultancy and income generated:None

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL

23. Awards/Recognitions received by faculty and students:NIL

24. List of eminent academicians and scientists/visitors to the department:

a) Dr. Kaustuv Sanyal (JNCASR, Bengaluru)

b) Prof. Indrani Bose (BI, Kolkata)

c) Prof. Sampa Biswas (SINP, Kolkata)

d) Prof. Somendramohan Bhattacharjee (IP, Bhubaneswar)

- e) Prof. Niranjan Behera (SU, Sambalpur)
- f) Dr. Biswadip Das (JU, Kolkata)
- g) Prof. Chhabinath Mandal (IICB, Kolkata)
- h) Prof. Abhijit Chakrabarti (SINP, Kolkata)
- i) Dr. Mrinal Kr. Maity (IIT, Kharagpur)
- j) Prof. Amit Kr. Das (IIT, Kharagpur)

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:01

National Seminar on “Emerging Trends in Biophysical Researches”, during 12th-13th September, 2011, in collaboration with the Departments of Botany, Zoology, Physiology and Nutrition, Ramananda College, Sponsored by the University Grants Commission.

b) International: NIL



26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-2011	UG(Honours)	400	02	00	02	100
2011-2012	UG(Honours)	550	13	8	5	15.38
2012-2013	UG(Honours)	500	12	06	06	58.33
2013-2014	UG(Honours)	-----	05	00	05	20

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students:

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression:

Student progression	Against % enrolled
UG to PG	10%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	10%
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- a) Library :i) No of books in Departmental Library: -----75
ii) No of books in Central Library: -----703
- b) Internet facilities for Staff & Students- No
- c) Class rooms with ICT facility-NIL

d) *Laboratories: Two well-equipped laboratories.*

31. *Number of students receiving financial assistance from college, university, government or other agencies: NIL*

32. *Details on student enrichment programmes (special lectures/workshops/seminars) with external experts: NIL*

33. *Teaching methods adopted to improve student learning:*

i) *Power point slide presentation and related audio-visual clips.*

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities:*

viii) *Departmental students are part of College NSS Activities*

35. *SWOC analysis of the department and Future plans*

STRENGTHS:

- *A long heritage of running the course for more than 50 years and generating alumni who are well established in different fields. Legacy of wonderful teachers who served in this Department from time to time. Recognition in wide area. Present diligent and dedicated.*

WEAKNESSES:

- *Vacant posts are not filling up as a result of delay in recruitment process of fulltime faculty. Students coming from financially weak background find it hard to understand course materials delivered in English. Regular field works are hard to conduct with limited resources. Laboratory facilities are not so modernized to meet the challenge of newly introduced topics like Bio-chemistry, Physiology and Cytogenetics.*

OPPORTUNITIES:

- *With advent of new researches and findings today's Zoology curricula deals with modern ideas and offers a gateway to research field from the very beginning. Practical classes are so framed to get hands on training on the modern lab techniques and learning the basics. As new career avenues are opening up, to meet the challenges Zoology students are well versed to get hold of many career options in the bio-related and other fields. Field excursions which are integral part of this curriculum make this more attractive as a study course to gather practical experiences and knowledge and grow a sense of fellow feeling during the journey. Announcing prize to the students for best performance in the academic year.*

CHALLENGES:

- *Lack of funding and space as well as shortage of teaching and non-teaching staff makes it difficult for the existing persons to carry out the duties which every year increases with enrolment of more and more students. Less scope to advertise the virtues of this field properly to the students enrolling.*

FUTURE PLANS:

- *To purchase LCD for teaching purpose.*
- *Strengthening departmental library by procuring more text books, peerjournals and reference books.*
- *To create scientific approach by organizing educational tours to research institutions, sea shore and national park, reserve forests etc.*
- *To get grants from the authorities to carry out research projects in the Department.*
- *To start Master's Degree (M.Sc.) programme in the near future.*
- *To organize national/international seminars or science camp.*
- *To arrange awareness programme for people about the facet of changing environment and animals, like photo exhibition.*

HUMANITIES DEPARTMENTS

1. Name of the department: **BENGALI**

2. Year of Establishment: 1945;

The department of Bengali, Ramananda College, Bishnupur started its journey in the year 1945, with I. A. course. B. A. Pass Course was started from the year 1947. Three year B. A. Honours Degree Course in Bengali was introduced from 1959-60 session. Honours classes have begin in 1959 under Calcutta University. As its stand at present, the college authority admits the students in honours and pass course through counseling following the norms laid down by the University of Burdwan.

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)

4. Names of Interdisciplinary courses and the departments/units involved: None

5. Annual/ semester/choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments: Students of our department take part in the UGC approved "Certificate Course in Human Rights".

7. Courses in collaboration with other universities, industries, foreign institutions: Teachers of our department deliver lectures, on a regular basis, for the Post-Graduation course in our college, through Correspondence Mode, under Vidyasagar University.

8. Details of courses/programmes discontinued (if any) with reasons: None

9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	02 (By promotion)
<u>Reader</u>	-	-
<u>Asst. Professors</u>	04	01
<u>Part-time Teacher</u>	-	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Prof. Anjan Kumar Bandyopadhyay</u>	M.A., M.Phil	Associate Professor	M.A. – Comparative Literature	27 +	NIL
<u>Dr. Kamala Das</u>	M.A., Ph.D	Associate Professor	M.A. – Katha Sahitya Ph. D. – BankimChandrer Uponyaser Bhasha Shoili: Boichitra o Bibartan	19 +	NIL
<u>Prof. Binapani Ghosh</u>	M.A., B.Ed	Assistant Professor	M. A. – Baishnav Sahitya	14 +	NIL
<u>Tamal Banerjee</u>	M.A., M.Phil	Part Time Teacher	M. A. – Adhunik Bangla Sahitya	3+	NIL

11. *List of senior visiting faculty:* Dr. Mihir Kumar Roy, ex. Reader in Bengali, Ramananda College and Dr. Alok Kumar Chakravorty, Associate Professor, The University of Burdwan delivered invited talk during various seminars, organized by the Department of Bengali, Ramananda College. They use to deliver lectures at “**Beekshan**”, a collaborative platform, supported by all the departments of Arts faculty of Ramananda College, in an attempt to discuss different topics in relevance with syllabus for UG students and thrust areas in modern research.

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:* 10 classes are allotted per week, to each Part-time Teacher.

13. *Student -Teacher Ratio (programme wise):*

SESSION	STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)
<u>2010-11</u>	132:4	1093:4
<u>2011-12</u>	145:4	1104:4
<u>2012-13</u>	157:4	1213:4
<u>2013-14</u>	135:4	1325:4

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:* NA

15. *Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG:* Ph.D.-01

M.Phil. – 02

PG.-02 (Full Time Teacher: 01; P.T.-01)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: None

19. Publications:

Publication per faculty:

Anjan Bandyopadhyay:

Books:

- 1) 'Kabyojignyasa Parjyalochana' (1st Edition), August, 2007, ISBN No. 978-81-920072-8-1
- 2) 'Kabyojignyasa Parjyalochana' (2nd Edition), April, 2012, ISBN No. 978-81-920072-8-1

Chapter in Books:

- 1) 'Chirantan Bharat er chirantan kanthoswar tumi', (Poetry) "Hey Mahajeevan", published on 22.01.2014, edited by Devajyoti Narayan Roy.
- 2) 'Amar Sir', "Shankhya Ghosh", edited by Shanti Singha, December, 2013, ISBN No.: 978-93-82094-52-4.
- 3) 'Kabi Sunil Gangopadhyay er Kabyo Bhabna', 'Sunil Smarone', Edited by Tarak Debnath and Krisna Banik, Dec, 2013
- 4) 'Abritti'r Sanskriti', pp 39-42; 'Kabi'r Swara-kshepan o Abritti', pp 105-107; 'Abritti'r Bodh', pp128-129, in "Abritti Bhaabna", edited by Satinath Chakravorty, November, 2012.
- 5) 'Lokmon', April, 2012, ISBN No.: 978-93-81554-23-4
- 6) 'Rabindranath: Ujjal Upasthiti', Bishnupur Rabindra Sangsad, 2011, p-14
- 7) 'Dante o Rabindranath', 'Ranga Matir Kalam', 2010, p-8

Books Edited:

- 1) 'Manabdhikar: Nana Prasango' (A collection of essays in Bengali on human Rights, Edited by Anjan Kumar Bandyopadhyay and Dr. Prafulla Kumar Das; Published by Dr. Prafulla Kumar Das, First edition 2012), ISBN No.: 971-81-921246-0-5, page 45
- 2) 'Charan Kabi Baidyanather Nirbachito Kabita', Edited by Anjan Bandyopadhyay and Hari Prasanno Misra, Dec, 2012

Article in Souvenirs:

- 1) 'oitihya o surajagna', "Surajagna", 11.01.2014, pp12-14
- 2) 'Kabi Madhusudan Charcha: Koyekti Dik', 'Setu', 2013, p 3-7
- 3) 'Sankho Ghosher Chhanda Bhabna', 'Majhi', May-Oct, 2013, p 95-100

Article in Journals:

- 1) 'Kabi Madhusudan Charcha: koyekti dik', "Setu", 6, October, 2013, pp3-7.
- 2) 'Kabi Mankumari Basu: Shata barsher Shradharghya', "Muhurta", 2013, pp5-6.
- 3) 'Binoy Majumdar: Kabyo o Nandan Bhaabna', Majhi, May-December, 2012, 42-110, pp91-94, Registration No. 32906/78
- 4) 'Rabindranath er chokhe Vivekananda', "Setu", October, 2012.
- 5) 'Prasongo: Kabita', Nabyosrot; August, 2012; ISSN No.:2249-8133, vol. 5, no. 2, page no. 141-142

- 6) 'Manabdhikar o Rabindranath Thakur', "Amritadhara", 01.07.2012, pp 7.
- 7) 'Ekusher Bhaabna', "Sandya Amritadhara", published on 17.02.2012, pp03
- 8) 'Hey Mahajeebon, loinu sharan', book review, "Amritadhara", 9.8.2013

Article in Seminar Proceedings:

- 1) 'Dui Manishir Bigyan Manaskata', UGC sponsored one day Seminar, organized by Dept. of Math, RN College, p 28-29
- 2) 'Bishnupurer Dalmadal O Anyanyo Prasanga', UGC sponsored State Level Seminar, Dept. of History, RN College, p 22-23, 2011
- 3) 'Manabdhikar O Bangla Kobita', UGC sponsored National Seminar, Dept. of Pol. Science, Ramananda College, p 25-26, 2010

Kamala Das:

Chapter in Books:

- 1) "Manabdhikar Langhan: Bangla Sahitye taar Protifalan", in 'Manabdhikar: Nana Prasango'(A collection of essays in Bengali on human Rights, Edited by Anjan Kumar Bandyopadhyay and Dr. Prafulla Kumar Das; Published by Dr. Prafulla Kumar Das, First edition 2012), ISBN No.: 971-81-921246-0-5, page 45.
- 2) "Savur korei aachhi bote", in Nabyosrot (Shaanmasik samaj o sanskriti bishoyok kagojer jami), Pancham Barsha, Pancham Sankhya, September, 2011 (Kabita Sankhya), ISSN No.: 2249-8133.
- 3) "Naalish" in 'Nabyosrot' (Shaanmasik samaj o sanskriti bishoyok kagojer jami), Manabdhikar Sankhya, Pancham Barsha, Dwitiyo Sankhya, ISSN No. 2249-8133, February, 2012, page 302-304.
- 4) "Dwaita Sattwaye Rabindra Nath" in 'Rabindra Nath: Smriti o Sattwa', 1st Edn: October, 2011, page 112-118.
- 5) "Rabindra Chhoto Golper Angik: Ekti Niriksha", in 'Rabindra Chhoto Golper Aakar, Prokar o Bhinnata'

Binapani Ghosh:

Book:

- 1) Kishore Bangla Byakaran o Rachana :: (CoWriter:SwapanKrPal):Sayantani prakasani,kol-2First Edition-1998.

Publication with ISSN/ISBN:

- 1) **Bandhuta** (Poetry)::Nabyasrot :: Edited by- Eyasin Khan, Vol-5,No.-1,Issue- 6,Sep-2011(1418), ISSN- : 2249-8133.
- 2) **Chandanar prati** (Poetry)::Ajker Jodhan ::Edited by-BasudeMandal,29 BarsaVol-1, Jan-Feb 2012 ISSN- 0871-5819.
- 3) **Pniprhe Kamrhay**::Gora Gangni::Edited by-Goutam Adhikari Vol-1,5th issue,Oct 2013(Sharad Sankalan),Bagula,Nadia, ISSN- 2320-2637.
- 4) **Aynay ami** :: **Ajker Jodhan** :: Edited by-BasudeMandal, Vol-31,issue -1, Jan-Feb2014,ISSN- 0871-5819.
- 5) **Rabindra Kabye Sanbedansil Shishu Kishor Charitra**:: Charitartha Jibaner Bani :: Edited by Prof. Tusar Kanti Haldar & Prof. Debajyoti Mandal ,1st Edn 25 Baishakh 1418 (May,2011) Bangabda ISBN 978-93- 80755-11-3.
- 6) **Narir Adhikar pratisthyay Begam Rokeya Sakhaoat Hossain**:: 'Manabdhikar: Nana Prasango',Published by Dr. Prafulla Kumar Das, First edition June,2012, ISBN 971-81-921246-0-5.

Essays in Other Journals:

- 1) **Bangla Nababarser Bivinna Pala-parban o Mela**:: Sambad (Daily News Paper) on 15.04.2004,Published by Suhas Talukdar,Ichhlabad ,Burdwan.

- 2) **Rabindranather Atiprakrita Galpa**:: Bangla Bivagiya Patrika(Magazine of Bengali Dept of Ramananda College, Bishnupur, Edited By-A.Bandyopadhyay) , Published on 1st January 2007.
- 3) **Rabindra manan o Srijane Thakurbarir Paribesh o Paribarer Vumika**:: Lalpara Nilpari Edited by-Asrafi Khatun,Khosbagan, Burdwan Vol-9,Issue-4, Jan-March 2011.
- 4) **Puthir Path Nirnay,Sangrakshan oUddhare Rabindranather Vumika**:: In Souvenir of 27th Bankura District Book Fair2011.
- 5) **Jibe Prem Kare Jei Jan** :: Gramanika,Edited by- Tulsi Charan Mandal ,Sikrabaid,Hetiashol,Bankura 2nd Vol.,9th issue,Shit ritu,1419(2012).
- 6) **Basanter Anuvab**:: Gramanika,Edited by-Tulsi Charan Mandal,Sikrabaid, Hetiashol,Bankura2ndVol.,10thissue,Basanta Sankhya,1419(2012).
- 7) **Manir Mukutpuri**:: In Souvenir of Mukutmanipur Mela o Paryatan Utsab, 2013(Bankura).
- 8) **Bajlo Tomar Alor Benu**:: Gramanika,Edited by- Tulsi Charan Mandal Sikrabaid,Hetiashol,Bankura3rdVol.,12thissue, SharadiyaSankhya,1420(2013).
- 9) **Daradi Rabindranath**::Vorai,Edited by-Subal Dutta,Bankura Baimela Sankhya 2013
- 10)**Janma Sharadha Shata Barshe Upekshita Dui Mahila Kabi**:: In Souvenir of 29th Bankura Dist Book Fair2013.

In Seminar Proceedings:

- 1) **Apan Dyutite Vaswar Chandra Abinash**: State Level Seminar on “Works and Contributions of Eminent Personalities of Bankura District”,February 3-4,2012.
- 2) **Urbar Mati O Sar-Jale Pushta Mahiruha Rabindranath**::UGC Sponsored National Level Seminar On “Jorasanko Thakurbarir Sahitya Charcha o Rabindraanath”.
- 3) **Upnibeshik Chetana , Naribad o Agunpakhi**:: UGC Sponsored National Level Seminar On “Colonialism, Post colonialism and Beyond”,27th -28th September 2013.

Poetry in Other Literary Journals:

- 1) **Sujan Bandhu**:: Edited by-Mrityunjoy Sarkar &Santanu Saha,Kusthalia,Bankura.
 - a. **Nabyata**:: 1st Vol.,1st Issue.,October.2011(Aswin1418).
- 2) **Deya**:: (Nikhil Bharat Banga Sahitya Sammelan,Bankura Shakhar Mukhapatra) Edited by-Utpal Mukhopadhyay, Tapan Kr.Mukhopadhyay
 - a. **Shankha Laga Ghor**:: Deya 2012.
 - b. **Kasta**:: Deya2013.
- 3) **Lalpara Nilpari**:: Edited by-Asrafi Khatun,Khosbagan, Burdwan.
- 4) **Tumi** (Rabindranath Smarane):: Rabindra – Najrul Sankhya, April 2011.
- 5) **Knakar Mati**:: Edited by- Ashwini Kumar Acharya,Jorh Hira , Bankura .
 - a. **Pran cheyechhe Nirbasan**::1st Vol.,2nd Issue,Jan-March 2011.
 - b. **Ma Babara Shono**:: 2nd vol.,5th issue, Jan-March 2012.
 - c. **Natun Sakal**:: 2nd vol.,6th issue, Oct-December 2012 .
 - d. **Prakriti**:: 3rd vol.,1st issue, Jan-March 2013.
 - e. **Shuva Nababarsha**:: Sharad Sankhya,1420(2013).
- 6) **Sahitya Swapna**:: Edited by-Tapas Mal, Gangajalghati, Bankura.
 - a. **Smriti**:: Vol-4 :Issue-3 :Jan-March 2012 .
 - b. **Milan**:: Vol-5: Issue-1 : Oct-December 2012.
- 7) **Vorai**:: Edited by-Subal Dutta ,Narrah,Bankura.
 - a. **Tumi Jadi jante**:: Barshaa Sankhya, 1418 Bangabda (2012).
 - b. **Kanna Pachchhe**:: 16th Vol,1st issue, Nabarsha Sankhya,1419 Bangabda (2012).
 - c. **Aalpath**:: 16th Vol, 3rd issue, Sharad Sankhya, 1419 Bangabda (July-Sept 2012).
 - d. **Aj Bikele Bristi Habe**:: 17th Vol,1st issue, Nabarsha Sankhya, 1420. Bangabda (Jan-Mar 2013)

- 8) **Gramanika**:: Edited by- Tulsi Charan Mandal ,Sikrabaid,Hetiashol,Bankura.
- 9) **Chhayapath**:: Edited by-Tapas Mal,Ramkumar Acharya& others,Gangajalghati, Bankura.
 - a. **Hriday purhe Khak**:: 1st Vol,6th Issue, 2012 (1419) .
 - b. **Porhe Na Ja**:: 2nd Vol,Book Fair issue,2012(1419).
 - c. **Angar**:: 3rd Vol July,2013(1419).
- 10) **Shilpa o Sahitya**:: Edited by-Rajib Kr.Ghanti,16/14 Trunk Road,Durgapur,Burdwan.
 - a. **Jadi Dekha hay kondin**:: 1st Vol,7th Issue, 2011.
 - b. **Eso Rangie Dei**:: 2nd Vol,2nd Sankhya December,2011.
 - c. **Chalachchhabi**:: 2nd Vol, 4th Sankhya,February 2012.
 - d. **Shanaktakaran**:: 2nd Vol, Utsab Sankhya, October, 2012.
- 11) **Deepshikha Sahitya Sankalan**:: Edited by-Malay Mandal ,Barabani Gram ,Burdwan.
 - a. **Gadi o meyata**:: 14 Vol, 1419 (2012).
- 12) **Shal Piyal**:: Edited by-Pranab Kr. Hajra,Khatra,Bankura.
 - a. **AA Mori Bangla Vasha** :: Shal Pial Dasham Barsha Purti Sharad sankhya,2013.
- 13) **Dakshinabarta**:: Edited by-Dr.Sushanta Kabiraj , Khatra,Bankura.
 - a. **Su Shan To Tai**:: 8th Vol, 1st issue,Oct 2012.
 - b. **Kashta**:: 8th Vol, 2th issue, April 2013.
- 14) **Sabujer Dak**:: Edited by-Sabyasachi Mandal ,Rabindra Sarani, Khatra,Bankura.
 - a. **Ratri**:: 2nd Vol, 2th issue,2012
- 15) **Tap Uttap**::
 - a. **Anritavashan**::Edited by- Amal Bandyopadhyay,Radhanagar Road,Nichu Para,Asansole,Burdwan.
- 16) **Kabi Dibas**:: Edited by -Dr. Subhasis Haldar,Chhatma , Bankura.
 - a. **Shuktara o Tumi**:: Agrahayan,1418 Bangabda(1st December,2011)
- 17) **General**:: Edited by-Jatileshwar Bandyopadhyay, Nabagram,Burdwan.
 - a. **Sabai Giyechhe Fire**:: Vol 13, Issue25,28 April 2012
- 18) **Amrita Dhara**:: Edited by-Gunamay Chakrabarty,Bishnupur,Bankura.
 - a. **Barshamangal**:: Vol 10, Issue11, 1st Oct 2012
- 19) **Rupshali**:: Edited by- Kajal De ,Padmapukur,Tarakeshwar,Hoogly.
 - a. **Buker Vetar**:: 2nd Issue, march, 2013.
- 20) **Charhui**:: Edited by-Tarak Chattopadhyay.
 - a. **Tubai Babu**
- 21) **Shuva Nababarsha**:: Edited by - Prashanta Kumar Bandyopadhyay, Purandarpur , Bankura.
 - a. **Happy New Year-2**:: 2013
- 22) **Kabitai Jiban**:: Edited by-Chittaranjan Chakraborty & Rabilochan Ghosh,Aurobinda Nagar, Bankura.
 - a. **Aaharan**:: Bankura Book Fair issue,2013(1420)

Tamal Banerjee

Chapter in Books:

- 1) “Geetanjalir jagot o Jagomohan: Kichhu Prasanga”, in “
- 2) “Debararti Mitra er Kabita Bhuban: Rupe Rupantare”, in ‘.
- 3) “Shudhu dekhbo tomaay cheye”, in ‘Udbodhan’, Agrahaayan 2005.
- 4) “Aalor haasi”, in ‘Udbodhan’
- 5) “Nitya sure”, in ‘Udbodhan’, Pujo Sankhyaa
- 6) “Benche thaako” in ‘Naabyosrot’
- 7) “Anyanya kabita” in ‘Sangbarto, Purulia Darpan’
- 8) “Shudhu ek jon balechhilo aami Devata”

20. **Areas of consultancy and income generated:**None

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

(i) Anjan Kumar Bandyopadhyay:

- *Life Member of Nikhil Bharat Banga Sahitya Sammelan*(The founder is Rabindra Nath Tagore)
- *President of Chauran Kabi Baidyanath Academy;*
- *Member of Bishnupur Mela Committee;*
- *Paper-setter of the University of Burdwan*

(ii) Dr. Kamala Das:

- *Life Member of National Library, and Bangiya Sahitya Parishad;*
- *Paper-setter of the University of Burdwan*

(iii) Binapani Ghosh:

- *Life Member of Nikhil Bharat Banga Sahitya Sammelan*(The founder is Rabindra Nath Tagore)

(iv) Tamal Banerjee: *Life Member of National Library, and Bangiya Sahitya Parishad*

22. Student projects

a) Percentage of students who have done in-house projects including inter

departmental/programme: All the students of our department take part in the field work of Environmental Studies and submit individual project report on the same, as a part of the curriculum.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. Awards/Recognitions received by faculty and students:

Anjan Kumar Bandyopadhyay –

- Was conferred ‘Sahitya Ratna’ from Bishnupur Raj Darbaar in 2005.

Dr. Kamala Das –

- Tripti Aich Gold Medal for obtaining highest marks in M. A. examination, Burdwan University
- Soudamini Chowdhuri Gold Medal for obtaining highest marks in M. A. examination, Burdwan University
- Was invited as a Scholar, among 15 distinguished personalities, to join a workshop on ‘History of Bengali Literature Supplement, initiated by Dr. Sukumar Sen’, during 19-20th December, 1994, organized by Sahitya Academy, Regional Office: Jivantaara Bhavan, Kolkata.

Binapani Ghosh –

- ‘Kabi Sambardhana’- ‘Mahakumar Kalam’ o ‘Naba Adhyay’ Patrikar Joutha Udyoge, (Astam barsa, Agnibina mancha, 30th January, 2011) Jamuria, Burdwan.
- ‘Kabi Sammaananaa’ - Recognized by ‘Shilpa o sahitya’ (Masik Sahitya o Sambadpatra), 11th December, 2011, Durgapur, burdwan

Tamal Banerjee –

- Won 3rd Prize in the Story writing competition, 2007, conducted by Youth Festival, Govt. of West Bengal

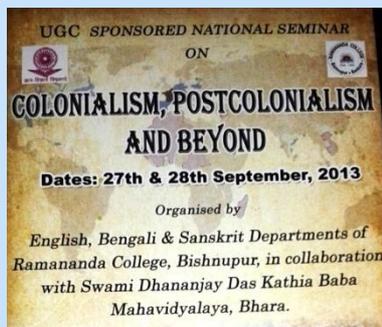
24. List of eminent academicians and scientists/visitors to the department: NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National:

1. National seminar on 'Social Security versus Human Rights: An Introspection', Sponsored by UGC, Organized by Department of Political Science in collaboration with the Departments of Economics, History and Literature, during 25-26th September, 2010.
2. National seminar on 'Colonialism, Post-Colonialism and Beyond', Organized by Departments of English, Bengali and Sanskrit, Ramananda College, during 27-28th September, 2013.

b) International: NIL



Brochure of The Seminar



Eminent Academicians



Renowned Actor and Playwright, Manoj Mitra

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-1011	UG(Honours)	2900	38	21	17	97.3
2011-2012	UG(Honours)	3000	44	18	26	93.2
2012-2013	UG(Honours)	2900	39	20	19	87.18
2013-2014	UG(Honours)	-----	43	13	30	90.70

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG(Honours)	100	NIL	NIL
UG(General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

- 1) Dr. Kalyani Sankar Ghatak, Professor Kalyani University
- 2) Dr. Asit Kr. Biswas, Ex-Professor, Valotia College and Part-Time Lecturer Burdwan University

- 3) Sri Kanti Hazra, Ex-Professor, Bankura Sammilani College
- 4) Dr. Bhagaban Raha, Ex-Professor, Ramkrishna Sarada Vidya Mahapith
- 5) Sri Dhanapati Ray, Ex-Professor, Panchmura College
- 6) Shonima Mukhopadhyay, Associate Professor, Lalgargh College, Purulia did her graduation in the year of.
- 7) Late Professor Radhagovinda Barat, Sonamukhi College
- 8) Gautam Kumar Mondal, Assistant Professor, Netaji Subhas Ashram Mahavidyalaya, Suisha, Purulia did his graduation in the year of.
- 9) Ajeya Ballabh
- 10) Jayeeta Sengupta
- 11) Aseem Bageesh
- 12) Chinmoy Konar
- 13) Kashinath Saha
- 14) Monimoy Mondal
- 15) Shibendu
- 16) Shyamacharan Chattopadhyay

29. Student progression

<i>Student progression</i>	<i>Against % enrolled</i>
<i>UG to PG</i>	<i>~40%</i>
<i>PG to M.Phil.</i>	<i>N.A.</i>
<i>PG to Ph.D.</i>	<i>N.A.</i>
<i>Ph.D. to Post-Doctoral</i>	<i>N.A.</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	<i>Not known</i> <i>~2%</i> <i>Not known</i>
<i>Entrepreneurship/Self-employment</i>	<i>Not known</i>

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: ~200
 ii) No of books in Central Library: 3715
- b) **Internet facilities for Staff & Students**- Internet is accessible in the departmental staff room.
- c) **Class rooms with ICT facility**- NIL
- d) **Laboratories** :NA

31. Number of students receiving financial assistance from college, university, government or other agencies:

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- a) National seminar on 'Social Security versus Human Rights: An Introspection', Sponsored by UGC, Organized by Department of Political Science in collaboration with the Departments of Economics, History and Literature,

during 25-26th September, 2010.

b) National seminar on 'Colonialism, Post-Colonialism and Beyond', Organized by Departments of English, Bengali and Sanskrit, Ramananda College, during 27-28th September, 2013.

33. Teaching methods adopted to improve student learning: Tutorial classes, special class for students with poor financial background and merit are taken on regular basis. Class tests are held once in a month. Teachers introduce different historical items, written materials (punthi) to the students at Acharya Yogesh Chandra Purakriti Bhaban, Bishnupur.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate NSS programme organized by the NSS Unit of the College. They also participate blood donation camp organized by the student union of the college.

35. SWOC analysis of the department and Future plans

STRENGTHS:

- Study in Bengali literature and language is a very important branch of study with an increasing demand among students in this college. There are ample seats in the discipline and the department is really rich in student-teacher cooperation and interaction. There is scope for joint seminar along with other departments of language and literature like English, Sanskrit.

WEAKNESSES:

- Student's disinterestedness in taking up regular classes including honours classes is an important weakness of the department.

OPPORTUNITIES:

- Ample opportunity in the study of this branch of language and literature. Apart from teaching, journalism, original innovative writing, proof reading and editing and commercial ad-drafting are some of the many opening that opens up opportunity.

CHALLENGES:

- A great threat – student unwillingness to attend classes – if they may not be drifts back to class – a great loss for students as well as society.

FUTURE PLANS:

- Effort will be taken to introduce Post Graduation in Bengali, through proper official procedure. Besides this, we are planning to establish 'Shuddha Bangla Bhasha Charcha Kendra' to explore hidden talent in our students and to carry on detail study on Bengali Language, Literature and Culture.

1. Name of the department: **COMMERCE**
2. Year of Establishment: 1952 (I.Com); The department of Commerce, Ramananda College, Bishnupur started its journey in the year 1945 along with the establishment of the college itself.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: NA.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	03	03
<u>Reader</u>	00	00
<u>Asst. Professors</u>	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Prof. Arup Kumar Ghosh</u>	M.Com, M.Phil, ICWA (Inter)	Associate Professor	Accountancy	31 Years Plus	NIL
<u>Prof. Asit Baran Dikpati</u>	M.Com. PGDCSc	Associate Professor	Accountancy	31 Years Plus	NIL
<u>Dr. Uday Chand Das</u>	M.Com, Ph.D.	Associate Professor	Accountancy	18 Years plus	NIL
<u>Dr. Swarup Kumar Jana</u>	M.Com, PGDBM, MA(RD),	Assistant Professor	Finance & Control	13 Years Plus	NIL

	DCAB, CHR, Ph.D.				
Prof. Tapas Kumar Sarkar (FDP)	M.Com, ICWA	Assistant Professor	Accountancy	13 Years Plus	NIL
Prof. Manojit Saha	M.Com	Substitute Teacher	Accounts & Finance	02 years	NIL

11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:N.A.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	66	25	13.2: 1	5:1
2011-12	68	30	13.6:1	6:1
2012-13	75	35	15:1	7:1
2013-14	79	39	15.8:1	7.8:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-02, M. Phil.-01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

UGC - Rs. 116000.00/-

18. Research Centre /facility recognized by the University:None

19. Publications:

Publication per faculty:

Dr. Uday Chand Das – 05

Dr. Swarup Kumar Jana – 08

Prof. Tapas Kumar Sarkar – 03

* Number of papers published in peer reviewed journals (national / international) by faculty and students:16

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities

International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

- * *Monographs:NIL*
- * *Chapter in Books:NIL*
- * *Books Edited:NIL*
- * *Books with ISBN/ISSN numbers with details of publishers:NIL*
- * *Citation Index: NIL*
- * *SNIP:NIL*
- * *SJR:NIL*
- * *Impact factor: NIL*
- * *h-index: NIL*

20. Areas of consultancy and income generated: Dr. Swarup Kumar Jana, engaged as:-

- i) Free “Consultant” in the Medicinal Plant Conservation Area of Silviculture Department (North), Siliguri, West Bengal Forest Department, Government of West Bengal.
- ii) Free “Consultant” of EDP training of PMEGP under KVIC at Midnapore Planning and Development Society (MPDS).

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

(iii) **Dr. Swarup Kumar Jana:**

- Life Member, Indian Accounting Association.
- Editorial Board Member in Flip Forest Journal.
- Life member, Midnapore Planning and Development Society (MPDS), Midnapore, West Bengal.

(iv) **Dr. Uday Chand Das:**Life-Member, International Business Studies Academia.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:N.A.

23. Awards/Recognitions received by faculty and students:

Prof. Arup Kumar Ghosh –

- University Gold Medal for obtaining the first position in first class in the M.Com. Examination, 1980 in Commerce;

Dr. Swarup Kumar Jana –

- University Silver Medal for obtaining the Second position in first class in the M.Com. Examination, 1994 in Commerce;

Bandana Basia (Student)–

- University Toppers in the year 2010-11.

24. List of eminent academicians and scientists/visitors to the department:NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

- a) **National:** A proposal (State Level) entitled “Declining Trend of Commerce Education” is submitted to the UGC.
 b) **International:** NIL

26. Student profile programme/course wise: NA

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-2011	UG (HONOURS)	120	13	11	02	76.92
2011-2012	UG (HONOURS)	140	17	09	08	88.23
2012-2013	UG (HONOURS)	130	16	13	03	93.75
2013-2014	UG (HONOURS)	-----	19	14	05	89.47

*M=Male F=Female

**Selection was done through central counseling process according to merit list

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? UG Students are not eligible for those examinations.

29. Student progression

Student progression	Against % enrolled
UG to PG	50% approx.
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	Data not available
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities

- a) **Library :** i) No of books in Departmental Library: 150
 ii) No of books in Central Library: -----1018.

Journals in Central Library:

- *Yojana*
- *Economic & Political Weekly (currently discontinued)*
- *Journal of Money & Finance (currently discontinued)*

b) Internet facilities for Staff & Students- Yes

c) Class rooms with ICT facility- NIL

d) Laboratories :Yes (Computer)

31. Number of students receiving financial assistance from college, university, government or other agencies: *It is actually maintained by the office of the College.*

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: *NA*

33. Teaching methods adopted to improve student learning: *Class Test taken at a certain interval throughout the year.*

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: *NSS and NCC Programme organized by the college.*

35. SWOC analysis of the department and Future plans

Department of the college has no autonomy to take any decision in isolated way. The college authority is the powerful in all respect to take every decision in a democratic way but the department has the only right to implement these.

1. Name of the department: *ECONOMICS*

2. Year of Establishment: 1945; The Department of Economics, Ramananda College, Bishnupur started its long way journey in the year 1945 along with the establishment of the college itself.

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

During the initial two years of establishment, the department offered only Intermediate Arts (IA) Course in Economics. In 1947, B.A. General Course was introduced. Since 1966 the department has been successfully running the Undergraduate Honours Course in Economics. From 1981 onwards, both B.A. and B.Sc. degrees are being awarded by the affiliating university according to the subject combinations of the students. Earlier, teachers of this department used to serve the Commerce Department as Guest Lecturers in Economics and taught Business Economics and Indian Economic Problems to H.S., Honours & General Course students. However, the Department of Economics is now exclusively confined to teaching Economics only in B.A. /B.Sc. Honours and General courses.

4. Names of Interdisciplinary courses and the departments/units involved: Involved in the UGC approved "Certificate Course in Human Rights" in association with the Departments of Pol. Sc. and History.

5. Annual/ semester/choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments: None

7. Courses in collaboration with other universities, industries, foreign institutions: None

8. Details of courses/programmes discontinued (if any) with reasons: None

9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	02
<u>Reader</u>	-	-
<u>Asst. Professors</u>	04	00

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

The Department of Economics can arguably boast of its sincere, capable and motivated teachers who constantly try to monitor their students and motivate them to develop eagerness to apply themselves to their studies. Apart from having long periods of teaching experience, both the teaching faculty has considerable research experience. They are also involved in the university examination affairs as examiner, paper setter, and moderator. The teachers of the department always keep themselves updated by attending seminars, symposia and workshops; participating in orientation and refresher courses; visiting different libraries; and through regular use of the internet and consultation with teachers of other colleges and universities/institutes.

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
Dr. Mousumi Mukhopadhyay (Patra)	M.A.(Econ.), M.Phil, Ph.D	Associate Professor	Mathematical Econ.; Econ. of Industry; Econ. of Labour; Financial Institutions & Banking	20 Years Plus	NIL
Dr. Prasanta Kumar Patra	M.A.(Econ.), Ph.D	Associate Professor	Statistics & Econometrics	18 Years Plus	NIL

11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:NIL

13. Student -Teacher Ratio (programme wise):

SESSION	STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)
2009-10	10:2	3:2
2010-11	22:2	20:2
2011-12	20;2	9:2
2012-13	14;2	20:2
2013-14	No student	21:2

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph. D.-02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

*Dr. Mousumi Mukhopadhyay (Patra), an Associate Professor of the department, has recently started working on a project dealing with the development of the Urban Economy of Bishnupur. She has finalized the Project Proposal and it is to be submitted shortly to the UGC for approval under the Minor Research Project scheme.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/facility recognized by the University:None

19. Publications:

Publication per faculty:

***Dr. Mousumi Mukhopadhyay (Patra)**, wrote the chapter on “**Gender Issues of Bankura District**” in the **District Human Development Report** for the district of Bankura, West Bengal (**Chapter 5 of DHDR, Bankura**), published by HDRCC; Development & Planning Department; Govt of West Bengal in 2007.

***Dr. Prasanta Kr. Patra & Prof. (Dr.) Maniklal Adhikary: Monetary Policy in India: A Structural VAR Analysis-** in the **Book of Abstracts** published as proceedings of the **48th Annual Conference of The Indian Econometric Society (TIES)** during **01st-03rd March, 2012**.

- * **Number of papers published in peer reviewed journals (national / international) by faculty and students:**
- * **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):**
- * **Monographs:**
- * **Chapter in Books:**
- * **Books Edited:**
- * **Books with ISBN/ISSN numbers with details of publishers:**
- * **Citation Index:**
- * **SNIP:**
- * **SJR:**
- * **Impact factor:**
- * **h-index:**

20. Areas of consultancy and income generated:

Consultancy services are provided by the department mainly through participation of the faculty in various seminars, workshops, training programmes, counselling sessions, special camping and awareness programmes organized by the NSS unit of the college. Faculty members at the individual level provide consultancy services as (i) Resource Persons on different occasions, (ii) Consultant Faculty (iii) Paper-setters of the affiliating university and other universities, (v) Members of the Governing Bodies of colleges, (iv) Members of various Boards (such as Board of Undergraduate Studies, Editorial Boards etc.). For example,

1. Dr. Mousumi Mukhopadhyay (Patra), an Associate Professor of the department,

- Serves as consultant faculty of Indira Gandhi National Open University (IGNOU), Ramananda College Centre for PGDRD (Postgraduate Diploma in Rural Development) course.
- She has also been invited by various government and non-government organizations to deliver lectures as resource person. For example, as a Resource Person, she delivered lecture on “Gender Issues in Human Development Report, Bankura” in the Training Programme for “District Level Planners for Human Development” organised by the Office of the District Magistrate, Bankura (10th & 11th July, 2009). Again as Resource Person, Dr. Mukhopadhyay (Patra) delivered lecture on “People’s Participation in Human Development” in the 2nd & 3rd phases of the same Training Programme for “District Level Planners for Human Development” (on 21-22 August, 2009 & 15-16 September, 2009).
- Dr. Mousumi Mukhopadhyay (Patra) also provided consultancy as a Member (University Nominee) of the Governing Body, Bankura Zilla Saradmoni Mahila Mahavidyapith, Bankura from 23/09/2009 to 09/06/2011.

2. Dr. Prasanta Kr. Patra, Associate Professor of the Department of Economics,

- Provided consultancy as **Board Member, Jan Sikshan Sansthan, Bankura** - Appointed for a period of three years effective from 13th June, 2011 under the category of Prominent Persons from the Field of Education by the Ministry of Human Resource Development, Govt. of India.
- Was an **Invited Member** in a meeting of **The Board of UG Studies in Economics, Burdwan University**, organised to revise the UG (Hons.) syllabus in 2013. As assigned by The Board of UG Studies in Economics,

he prepared a part of the proposed revised syllabus for Economics Hons. Programme (Mathematical Economics -I & II).

- Served as a **Paper-setter of Degree Course (Hons.) Final Examination in Economics of SKB University, Purulia** in 2013

*Consultancy services by the department have mostly been provided free of cost on complementary basis and no revenue has been generated from the same. Faculty members have in some cases been offered some honorarium for providing consultancy at the individual level, but the department/institution has not claimed any share of it as the faculty members offer their services after doing their due duties of the institution.

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

(iii) Dr. Mousumi Mukhopadhyay (Patra):

- Life Member, Indian Statistical Institute, Kolkata
- Member (University Nominee), Governing Body, Bankura Zilla Saradhamoni Mahila Mahavidyapith, Bankura from 23/09/2009 to 09/06/2011.
- Consultant Faculty of Indira Gandhi National Open University (IGNOU), Ramananda College Centre for PGDRD (Postgraduate Diploma In Rural Development) Course.

(iv) Dr. Prasanta Kumar Patra:

- Member, Indian Statistical Institute, Kolkata.
- Board Member, Jana Sikshan Sangsthan, Bankura. Appointed for a period of three years effective from 13th June, 2011 under the category of Prominent Persons from the Field of Education by the Ministry of Human Resource Development, Govt. of India.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. Awards/Recognitions received by faculty and students:

Dr. Mousumi Mukhopadhyay (Patra) –

- Merit Certificate from Govt. of India for securing high marks in the Madhyamik Examination from West Bengal in 1980.
- Awarded **Junior Research Fellowship** (7th Nov. 1990 to 15th March, 1993) by the Dept. of Economics, Burdwan University.
- Awarded **Teacher Fellowship by the UGC under FIP** for a period of two and half years from June, 1999 to December, 2001.

Dr. Prasanta Kumar Patra –

- Merit Certificate from Govt. of India for securing high marks in the Madhyamik Examination from West Bengal in 1978.
- University Gold Medal for obtaining the first position in first class in the M.A. Examination, 1987 in Economics (held in 1988-89).
- Jahar Roy Gold Medal for securing highest marks in Economics in the M.A. Examination, 1987 (held in 1988-89).
- Awarded **Junior Research Fellowship** (8th Nov. 1990 to 6th April, 1993) by the Dept. of Economics, Burdwan University.
- Qualified **State Level Eligibility Test (SLET)** in 1995.
- Awarded Teacher Fellowship by the UGC under FIP for the period 28th April, 2004 to 27th April, 2007;

24. List of eminent academicians and scientists/visitors to the department: NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

- a) National: NIL
 b) International: NIL

*National/International Seminars, Workshops, etc. have not been organized separately by the department due to insufficient student enrolment. However, along with other departments, seminars and extension lectures are organized from time to time. For example, the department of Economics, in association with the departments of Pol. Sc., History and Literature organized a UGC sponsored National Seminar on “Social Security vs. Human Rights in India: An Introspection” on 25th & 26th Sept. 2010.

26. Student profile programme/course wise:

Although the department used to have sufficient students in the past, in recent years it's getting very few students. The College having been located in the rural backward region of West Bengal, most of the students come from rural and semi-urban areas and from low and middle income families. Although majority of the students enrolled in the department belong to the general caste, a few students also come from Scheduled Caste, Scheduled Tribe and other minority communities. Students are mostly proficient in regional language (Bengali); they also have workable knowledge in English. Entry level cut-off marks for 3 years Honours Programme is 45% at Higher Secondary (10+2) Examination. Admission is on the basis of counseling of students.

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-1011	UG(Honours)	03	00	00	NIL	0
	UG General	03	03	NIL	NIL	-----
2011-2012	UG(Honours)	20	1	01	NIL	100%
	UG General	20	20	12	08	100%
2012-2013	UG(Honours)	21	0	0	0	0
	UG General	-----	-----	-----	-----	-----
2013-2014	UG(Honours)	05	2	2	0	100%
	UG General	39	39	16	06	-----

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME	% OF STUDENTS FROM OTHER	% OF STUDENTS FROM ABROAD
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	STATE	STATES	
<u>UG (Honours)</u>	100	NIL	NIL
<u>UG (General)</u>	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Most of the students who have graduated from the department since its inception have cleared various national and state level competitive examinations and have been well placed in different occupations, viz., teaching at schools and colleges, banking service, management service, and various administrative services. Detailed data not available with the department.

29. Student progression:

Quite a considerable percentage of the students who have crossed the UG level from this department in the past years have moved on to join PG courses at various universities. Some of them have further progressed to join M. Phil. and Ph.D Programmes. During the 2012-13 session 02 students have graduated from this department and both of them have joined the PG course in Economics in The University of Burdwan.

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Departmental Accommodation & Built-up Area

The department does not have a separate building or wing of its own, being housed along with all other humanities and social science departments in the college main building. In a sense, therefore, a major portion of the main building of the college is at the disposal of the department for classes etc. However, a small room (Room No. 10) of area 31sq.m. has been earmarked exclusively for the Department of Economics where Honours classes, departmental meetings, open house discussions, departmental functions etc. are held. Recently a small departmental library with ninety (plus) books has been established in this room.

b) Library

The teachers and students of the department normally access the College Central Library which has a rich collection of books on different aspects of Economics. In addition, the department has a seminar library which the teachers and students use for ready reference.

*No of Books in the College Central Library: 1000 (approx)

*No of Books in the Departmental Library: 90

*No of Journals on Economics available in the College Central Library: 03 (Yojana ; Economic & Political Weekly; Journal of Money & Finance).

c) *Internet facilities for Staff & Students*

The department has two laptops and Internet facilities are available in the department. Teachers and students can freely access the internet as and when required.

d) *Class rooms with ICT facility*

Apart from two laptops and Internet facility, the department does not have a separate class room with ICT facilities. However, as and when required the department uses the LCD projectors etc. available for the Humanities Section in general.

e) *Laboratories: N. A.*

31. Number of students receiving financial assistance from college, university, government or other agencies:

A good number of students admitted every year receive financial assistance from college, university, government or other agencies under various schemes.

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

Since our department, in recent years, awfully suffers from a paucity of students, formal seminars and workshops are hard to be arranged. However, informal discussion sessions are held regularly wherein teachers and students can interact frankly and freely and exchange their views and opinions.

33. Teaching methods adopted to improve student learning:

The “Chalk & Talk” method is normally followed. However, based on need, computers and LCD projectors are also used for teaching. At the very outset, the department supplies the syllabus to be covered during the course along with model questions in line with the ones set in the University Examinations to the students. Course-wise lectures are usually given by the faculty on the specific topics. Also, from time to time, the students are asked to write answers to the model questions that have been supplied. These are examined by the teachers at home and deficiencies pointed out. Often the teachers supply model answers to some questions that could be used as guidelines. Interested students are also allowed to visit the teachers on holidays and sort out their problems, if any.

For monitoring the students' academic progress the department relies heavily on students' feedback. The department is always eager to have feedback on the way that the course is working. Students could share their views and opinions with the teachers in the interaction sessions and open house discussions. In fact, ours' being a student-scarce department there is a greater scope for teacher -student interaction.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Earlier, when the department used to have more students annual excursions and field tours to various places could be conducted on a regular basis. Presently, for the last few years, the number of students in the department having been very few, field tours to nearby villages are undertaken along with students and teachers of other departments as part of the overall extension program organized by the NSS & NCC units of the college. Apart from undertaking cleaning operations and educating the village flock about the basic amenities of life, the students are encouraged to collect information on various aspects relating to the place and with the help of teachers prepare reports based on these information. The college keeps on record these reports. The whole exercise provides the students an opportunity to gain practical first-hand knowledge about how to conduct field surveys, analyze data and prepare reports.

35. SWOC analysis of the department and Future plans:

The goal of undergraduate courses in Economics that are offered at the college level is not to prepare professional economists- although some of the students might become such. The primary objective of such courses is to disseminate information about the future prospects of Economics students and to help them to acquire knowledge about the subject as a way of life. How the world actually works is unclear, there are many different perspectives all of which are sometimes useful. Whatever be the particular views, it is widely agreed that it is almost impossible to gain a coherent picture of modern civilization without paying very close attention to its economic basis. It is not possible to put together an adequate picture of any sphere of social life- whether politics, family life or even science or literature- without a clear understanding of its economic basis.

The undergraduate courses (Honours & General) offered by the Department of Economics, Ramananda College, Bishnupur aim to bring its concentrators to a point where they understand and can evaluate what is occurring in the world around them and at the same time plan their future.

The Department of Economics is old enough and has witnessed many ups and downs over the years thereby gaining in strength and gathering some weaknesses as well in the process. Quite a considerable percentage of the students who have crossed the UG level from this department have moved on to join PG courses at various universities. Some of them have further progressed to join M. Phil. and Ph.D Programmes. Most of the students who have graduated from the department since its inception have been well placed in various occupations, viz., teaching at schools and colleges, banking service, management service, and various administrative services.

The following are the **areas of strength** that could be highlighted.

- A harmonious environment in the department with a very close family like interaction that is stimulating for teachers and students alike is the most important area of strength. The teaching faculty truly enjoys talking with and working with the undergraduates. The students are welcome during office hours, after class and even at home on holidays. They can seek advice and counsel on issues ranging from programmes of study, career plans, study habits and so forth to advise on personal problems. Even after passing out some of the students who join the postgraduate courses often come with different problems and get clarified by the teachers. The teachers also gladly help the students (who come to them) in preparing for various professional examinations by providing guidance and books from their personal collections, sometimes even by borrowing from the library.
- Perhaps the most important resource to the students of any department is the wealth of experience, enterprise and creativity found in one's teachers. The Department of Economics can arguably boast of its sincere, capable and motivated teachers who constantly try to monitor their students and motivate them to develop eagerness to apply themselves to their studies.
- A rich collection of books on different aspects of Economics in the college library and the departmental library to which the teachers and students have easy access is another aspect that could be highlighted. Specifically, we may mention the following facilities available to students:
 - Departmental Library
 - Copies of Syllabus

- *Question Bank*
- *Selection of Medium of Teaching in Class According to the Students' Convenience and Requirements*
- *Periodic Assessment to Facilitate Learning*
- *Model Answers to Some Questions*
- *Acquaintance with Lectures Delivered Through OHP*
- *Development of Writing Skill through Wall Magazine*

The following **areas of weakness** seem worth-mentioning:

- *The students that the department gets at the intake level are, by and large, qualitatively very poor. Students having studied both Economics and Mathematics at the 10+2 level and having concentration in Economics as their aim are very rare. Most of the students admitted, therefore, come from the science stream who do not have any background knowledge of Economics and often carry certain misconceptions about the subject (e.g., Economics is a very tough subject; job opportunities are very limited for Economics concentrators). Most of them coming from rural lower middle class and middle class families cannot look beyond the scope for teaching assignments at school. The probability of getting appointment in schools is very low since Economics is not included in the Madhyamik level syllabus. Moreover, brighter students of the science stream primarily opt for more alluring glamorous science subjects such as Physics, Chemistry, Mathematics etc. so that the students that the department gets are left out who have nowhere to go. They are not very much motivated to study Economics and many of them leave the department in the mid-way to join other courses. The students at the pass level often do not go in for Economics as they suffer from the misconception that Economics is a tough subject and demands a lot of reading.*
- *The students at the intake level are almost always weak in understanding and writing English. Now since most of the text and reference books that are to be consulted by the students are written in English, they find it very difficult to get along with them. The remedy is time-consuming and demands extra energy. The students often try to take the easy way that is to haunt for prepared notes.*
- *A tendency to bunk classes has developed among many students of late. Irregular attendance in the class by some students seriously hinders the continuity of lessons.*
- *The department sincerely recognizes the importance of seminars, workshops and extension lectures by eminent scholars from the university and elsewhere, in the process of enrichment of the students, apart from the classroom teaching. But the limited number of students in the department renders it very difficult to arrange any even if the department earnestly wishes to do so.*
- *The department is yet to have all the modern teaching aids used now-a-days of its own.*

*Existence of weaknesses indicates that we have enough **scope or opportunities** for strengthening the department in near future. With recent trends of globalisation, financial liberalisation, and digital revolution, interest for economic matters has increased manifold among the common people and simultaneously the Economics concentrators find a new dimension of opportunity and hope. It is important to chalk out the opportunities to be availed of for revitalizing the department: Some information about the future prospects of Economics students, in general, can be highlighted. There are many good reasons to take up the Economics Hons. Course. For students interested in international trade or stock market Economics is the natural choice. Someone who seeks a quantitative rigorous approach to social*

science will find Economics to be an exciting vibrant discipline. Students may choose to concentrate in the Economics Hons. Course because it provides obvious intellectual advantages as a foundation for professional works in business, banking, management, administration, law and even in environmental studies and computer applications. Thus the Economics Hons. students go to work in business, politics, teaching, research, state level and national level Civil Services, social services and charitable work through NGOs and other occupations.

Specifically,

1. A reasonably good student may prefer to continue in the academic sphere taking teaching and research in various economic and social issues. Teaching assignments are available at schools, colleges, universities and specialized institutes. In fact there are numerous research institutes in India (like the IIMs, IGIDR, Institute of Economic Growth, Institute of Public Finance, Institute of Foreign Trade and Management, Delhi School of Economics etc.) and abroad (IMF, World Bank, IDA, UNDP etc.) for students who specialize in Economics.
2. A challenging occupation for Economics concentrators could be those of business executives, financial analysts and managers.
3. Students of Economics can also opt for journalism in both print and audiovisual media. In fact newspapers, magazines and TV channels recruit Economics students as economic correspondents and stock market analysts.
4. Students with Economics concentration can go in for civil services (IAS, WBCS etc.) and other professional exams where they will find themselves relatively better placed than most others.
5. Finally certain specialised services are available for concentrators in Economics - e.g., Indian Economic Service, Research Officers in the Reserve Bank's Economic and Policy Analysis department. Most other banks (Like the NABARD, IDBI, SBI etc.) and various stock markets also have special post for economists.

In recent years the lack of sufficient students has surfaced as the most **serious threat** to the department. But then, we, as Economics concentrators, are familiar with business cycles. Cyclical fluctuations are very much in consonance with the laws of life. May be, we are presently witnessing the slump with respect to student enrolment, but we hope to be on the upswing soon in the natural process. We believe that hope is the rope that swings us through life.

FUTURE PLANS:

- First and foremost, we need to ponder over and explore means to attract sufficient students to the department.
- Teachers of the department often informally help the ex-students in preparing their M.A./M.Phil project proposals. This is to be extended to formal guiding of Ph.D students.
- In the near future we plan to run UGC sponsored Minor Research Projects of current and local importance.
- The department sincerely recognizes the importance of seminars, workshops and extension lectures by eminent scholars from the university and elsewhere, in the process of enrichment of the students, apart from the classroom teaching. But the limited number of students in the department renders it very difficult to arrange any even if the department earnestly wishes to do so. We hope to be able to overcome this limitation in the near future and arrange such events on a regular basis.
- We have a plan to increase the use of modern teaching aids (Computers, Internet, Overhead Projectors etc.) to supplement the "Chalk & Talk" method of teaching.
- The Department also has a plan to create a "Data Base" consisting of up to date national, state and district level economic data for facilitating future research projects of the department.

1. Name of the department: **ENGLISH**
2. Year of Establishment:
 - I. A. -1945
 - UG General- 1947
 - UG Honours-1962
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: N. A.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: Departmental faculty and students have taken part in the Certificate in Human Rights Course offered by the social science (political science) department in the college.
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	-
<u>Reader</u>	-	-
<u>Asst. Professors</u>	04	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr.NarendraRanjanMalas</u>	MA, CCHR, Ph.D.	Assistant Professor	Comparative Linguistics, ELT, Indian English Drama, Caribbean Poetry	15	NIL
<u>SubhasisChattopadhy</u>	MA, PGDBS,	Assistant	Popular Culture	9.5 years	NIL

ay	PGDFS, UGC NET qualified	Professor	Studies Literature & Religious Studies.		
SomnathKundu	MA	Part-time Faculty	Indian Writing in English, Modern British Drama	6 years	NIL
Piyali De	MA	Guest Faculty	British Literature	1 year	NIL
SoumyaPalit	MA	Guest Faculty	British Literature	1 year	NIL
Sanjay Soren	MA	Guest faculty	British Literature	4 months	NIL

11. *List of senior visiting faculty:*The Department of English has not had senior visiting faculty as such. But retired professors of this department have attended seminars and addressed students in the past.
12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:*~ 25%
13. *Student -Teacher Ratio (programme wise):*65:1

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	123	80	30:1	26:1
2011-12	134	75	33:1	25:1
2012-13	140	65	35:1	21:1
2013-14	125	70	31:1	23:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:*N.A.
15. *Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG:* Ph.D.-01, PG-05
16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:*

Dr. NarendraRanjanMalas has Post Ph. D research experience as Associate (1st Spell) at the UGC-Inter-University Centre for Humanities and Social Sciences, Indian Institute of Advanced Study, Shimla.

17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL*

18. *Research Centre /facility recognized by the University:None*

19. *Publications:*

Publication per faculty:

- * *Number of papers published in peer reviewed journals (national / international) by faculty and students:*

Dr. N. R. Malas – 01

Prof. S. Chattopadhyay – 03

- * *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):*

Prof. S. Chattopadhyay – 06

- * *Monographs:*

- * *Chapter in Books:*

Dr. N. R. Malas – 01

Prof. S. Chattopadhyay – 04

- * *Books Edited:Nil*

- * *Books with ISBN/ISSN numbers with details of publishers:*

- * *Citation Index:*

- * *SNIP:*

- * *SJR:*

- * *Impact factor:*

- * *h-index:*

20. *Areas of consultancy and income generated:*

Dr. N. R. Malas provides administrative consultancy to this college and another college as member of the Governing Body.

Prof.S. Chattopadhyay provides English-language related help to PrabuddhaBharata. He is also one of their official book reviewers.

Both faculty members provide their consultancies without any honorarium

21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards:

(v) Prof. S. Chattopadhyay:

- *Peer reviewer of an indexed (by international humanities databases) international open access journal from India.*
- *Contributing editor at a national humanities (non-indexed) journal published from Kolkata and New Delhi.*
- *Associate Editor of a new peer-reviewed national journal in Literature published from Karnataka. (Non-indexed)*
- *On the board of peer reviewers as an editor in a new Indian journal on literatures in English. (Non-indexed)*

22. *Student projects*

- a) Percentage of students who have done in-house projects including inter departmental/programme:NIL*

- b) *Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL*

23. Awards/Recognitions received by faculty and students:

Faculty has not received any awards/recognitions and data regarding students is unavailable.

24. List of eminent academicians and scientists/visitors to the department:

a) **Dr. Krishna Sen**

Ex-Leverhume Fellow, Ex-Nippon Fellow

b) **Prof. Ashok Kumar Hui**

Ex. Prof. Dept. of English, Burdwan University and Visiting Faculty, EFLU

c) **Dr. Deb Narayan Bandyopadhyay**

Honb'le Vice Chancellor, Bankura University.



Invited Speakers



Inaugural Ceremony of The National Seminar



Eminent Academician

25. Seminars/ Conferences/Workshops organized & the source of funding:

- a) *National:(01)Colonialism, Postcolonialism and Beyond on 27th& 28th September, 2013, funded by the UGC*
- b) *International:NIL*
- c) *College Level: (01) Modern Approaches to the Thematic Exposition of English Literature, on 25th September, 2006, funded by the college*

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-1011	UG(Honours)	2900	34	15	19	73.53
2011-2012	UG(Honours)	3000	40	13	27	85
2012-2013	UG(Honours)	2900	29	15	14	89.66
2013-2014	UG(Honours)	-----	33	13	16	57.58

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. *Diversity of Students*

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG(Honours)	98	2	NIL

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* Data unavailable; it is clearly known that 3 students of the department have cleared the NET exam in the recent past.

29. *Student progression*

<i>Student progression</i>	<i>Against % enrolled</i>
UG to PG	~60
PG to M.Phil.	NIL
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	60
Entrepreneurship/Self-employment	Information not available

30. *Details of Infrastructural facilities*

a) **Library** :i) No of books in Departmental Library: ---206

ii) No of books in Central Library: --- 2576

The department has a Seminar Library from where the Honours' students can and do borrow books. This is in addition to the college's central library

b) **Internet facilities for Staff & Students**—There is one internet connection, used mainly by the faculty members but can be accessed by the students also.

c) **Class rooms with ICT facility**—There is one central smart-room (RamnaliniChakraborty Hall) with ICT facilities. Different departments including the department of English can access the facilities as and when required.

d) **Laboratories**:NIL (there is no language laboratory as yet in the college, but to develop the communicative skill among the students proposal to set up a language lab has been submitted in the XIIth plan period)

31. **Number of students receiving financial assistance from college, university, government or other agencies**:~30

32. **Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts**:As such external experts have attended seminars only twice recently. There is no scope for such external visitations.

33. **Teaching methods adopted to improve student learning**:Tutorial classes have been held during the last few years. And students have been taught to independently research using the internet. Film shows, library visit, academic counseling, drama shows are conducted. There are also remedial coaching classes for SC/ST/MINORITY and other financially and academically weak students.

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities:* Students of the department participate in the NCC and the NSS.

35. *SWOC analysis of the department and Future plans:*

The English Department of this college has a dual role: on the one hand it is a department which trains young minds to appreciate the timeless magic of the written word, and on the other hand; the department has the difficult task of teaching communicative skills in English to our students. The days of glorying in British literature are gone. Now is the time for the comparative study of literatures in English. Thus the department encourages students to read literatures in English, other than British literature. One important object of the department is to develop among the students the essential skills to read, write, speak and understand English. With the intention to enhance the language skill of the students the proposal to establish a language lab has already been submitted to the UGC. The department had in the past conducted students' seminar within class-hours. The permanent faculty adjudicated those seminars. The department had bought out a journal in the past and intends to bring out others in the future.

Future plans of the department include the teaching of ancillary subjects like the Biblical background to the study of literature, as also the mythological background to the study of literature. Finally, we are in the process of integrating ICT in our pedagogy. Classes will be taken on New Media techniques.

STRENGTHS:

- The department provides a balanced approach to English; one faculty member is a comparative linguist and another faculty is focused on literature. Therefore the students are exposed to two distinct yet complimentary approaches to the study of English, as a foreign language and as a language which has given rise to some of the best literatures in the world.
- Departmental faculty carry on independent research --- one faculty member has completed the first spell of residency at the Indian Institute of Advanced Study, Shimla.. Another faculty is editor and peer reviewer for some journals (all non-indexed) and is currently engaged in a multi-volume literary-religious project
- The Part-time and Guest teachers are committed to teaching.
- The department organizes cultural programmes (such as Freshers' Welcome), drama show, film show, etc. which have been widely appreciated by the students.
- Students are mostly obedient and have close contact with the students.
- Giving priority to the NAAC peer-team recommendation to start Spoken English Course, Department of English has extended active assistance in conducting Certificate Course in Spoken English.

WEAKNESSES:

- Students who take up English Honours have nearly no conception of the English language; therefore it is difficult for them to understand literatures in English. Thus, our students begin their graduate studies with serious linguistic disadvantages.
- Due to the scarcity of permanent faculty; students depend overmuch on external remunerative support from untrained individuals. Therefore their class room presence and performance suffers.
- Students have no access to current books /developments in the subject for two reasons: the departmental budget is miniscule and due to the availability of cram-notes; students feel no need for deep reading.
- The department has no ICT room.
- There is a lack of opportunity for faculty to train in ICT.
- Only two permanent full-time and one part-time faculty serve the Honours' students and the entire college throughout the year.
- No well-equipped room(s) have been allotted to the Department.

OPPORTUNITIES:

- *There is a great need for expertise in English language in the area: if the department is provided with more full-time permanent faculty, then functional English could be taught after suitable training.*
- *Students are eager to pursue Masters in English. More and diversely specialized full time faculty can provide the department with opportunities for opening MA courses.*

CHALLENGES:

- *Dealing effectively with large number of students in class.*
- *Improving language skills among students. Our students are mostly first generation English language speakers. Therefore it is difficult for them to cope with the exacting syllabus.*

FUTURE PLANS:

- *If the faculties are provided with suitable training, and their numbers are increased, then they would be willing to teach communicative English.*
- *If the UGC and the college provide the department with suitable funding, rooms and training, then a language laboratory will be in the offing.*
- *The department can venture into P.G. teachings and standalone courses like offerings of ELT modules; culture studies' modules, women studies' modules if suitable funding and space and non-teaching personnel are provided to the department.*
- *The department plans to design and integrate ICT into its entire Honours' system --- this can only happen if students have access to internet through WIFI in the college campus and the faculty are provided with sufficient resources and training to do so. Currently, the department has not even one overhead projector to itself as also there is no dedicated ICT room for the department.*
- *Students in and around this district are not competent in the use of the English language .It is within the active consideration of the department to launch a Functional/Communicative English Course, to be funded by the UGC.*

1. Name of the department: **GEOGRAPHY**
2. Year of Establishment: 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)



4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	-
<u>Reader</u>	-	-
<u>Asst. Professors</u>	03	02
<u>Part-time Teacher</u>	01	01
<u>Temporary Teachers</u>	00	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Suvasree Dutta (Dasgupta)</u>	M.A., Ph. D	Assistant Professor	Regional Development	5 yrs 8 mnths	NIL
<u>Rajesh Kr. Guin</u>	M.A., M.Phil	Assistant Professor	Remote Sensing & G.I.S.	4 Yrs	NIL
<u>Smita Banerjee</u>	M.A.,B.Ed	Part-time Teacher	Agricultural Geo., Urban Geo.	4 yrs 5 months	NIL
<u>Santanu Mondal</u>	M.A.	Temporary		01 Month	NIL
<u>Kona Chongdar</u>	M.A.	Temporary		01 Month	NIL

11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Session	Name of the temporary Faculty	No. of Allotted Classes per week	No. of Classes Taken per week
2014-2015	Santanu Mondal	10	10
	Kona Chongdar	10	10

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
<u>2010-11</u>	54	97	14:1	24:1
<u>2011-12</u>	46	92	12:1	23:1
<u>2012-13</u>	46	92	12:1	23:1
<u>2013-14</u>	47	79	12:1	20:1
<u>2014-15</u>	53	82	11:1	16:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:Sanctioned-02, Filled-01

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph. D. – 01,M. Phil.-01, PG-03

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: None

19. Publications:

* Publication per faculty:

* Selected Publications:

* Research Journals (Best Five):

1. "Access to Health Care Facilities: A Case Study of Baruipur Municipality", *Indian Journal of Landscape Systems and Ecological Studies*, June 2011, Vol 34, No. 1, pp 101-118.
2. "Health Care Expenditure in Uttarpara-Kotrung Municipality: A Gendered Analysis", *Eastern Geographer*, Jan 2012, Vol XVIII, No. 1, pp 91-96.
3. "Disparity in the literacy level among the scheduled and non-scheduled population: Indian scenario in the 21st Century", *Transactions*, 2013, Vol 35, No. 2, pp 185-200

* Books (Best Five):

1. "Health Care Services in West Bengal", Chapter in an edited book "West Bengal-Geo-spatial Issues", p 58-68

* Number of papers published in peer reviewed journals (national / international) by faculty and students: 03

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

* Monographs: NIL

* Chapter in Books: 01

* Books Edited: NIL

* Books with ISBN/ISSN numbers with details of publishers:

Sl. No	Title with page no.	Journal	ISSN/ISBN No.	Whether peer reviewed/ Impact factor, if any	No. of Co-author
1.	Access to Health Care facilities : A case Study of Baruipur Municipality, pp 110-118	Indian Journal of Landscape Systems and Ecological Studies	ISSN 0971-4170	Yes	One
2.	Health Care Expenditure in Uttarpara –Kotrung Municipality : A Gendered Analysis, pp 91-96	Eastern Geographer	ISSN 0973-7642	Yes	One
3.	Disparity in the literacy level among the scheduled and non-scheduled population: Indian scenario in the 21 st Century, pp. 185-200	Transactions	ISSN 0970-9851	Yes	One

4.	<i>Health Care Services in West Bengal, pp 58-68</i>	<i>West Bengal: Geo Spatial Issues, ed. Dr. NC. Jana and others, Department of Geography, The University of Burdwan</i>	<i>ISBN 978-93-80813-29-2</i>	<i>Yes</i>	<i>No, second Author</i>
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- * *Citation Index: NIL*
- * *SNIP: NIL*
- * *SJR: NIL*
- * *Impact factor: NIL*
- * *h-index: NIL*

20. *Areas of consultancy and income generated: None*

21. *Faculty as members in*

a) *National committees* b) *International Committees* c) *Editorial Boards: None*

22. *Student projects*

a) *Percentage of students who have done in-house projects including inter departmental/programme: NIL*

b) *Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL*

23. *Awards/Recognitions received by faculty and students:*

Dr. Suvasree Dutta –

- *Dr. Suvasree Dutta was awarded 'Nurul Hassan Scholarship' in 2004 for a period of one year beginning July 2004, at Masters Level in J.N.U.*
- *Dr. Suvasree Dutta was awarded by Jawaharlal Memorial Fund, Teen Murti House, New Delhi for securing first position in the discipline at the post graduate level in the academic year 2004-2005.*
- *Dr. Dutta qualified UGC-JRF, NET and SLET in the year 2005.*

24. *List of eminent academicians and scientists/visitors to the department:*

a) Dr. A.L. Haldar

*Scientist – FE
Remote Sensing Application Centre, U.P,
Sector – G, Kursi Road,
Janki Puram, Lucknow -226021*

b) Dr. Kakali Das

*Department of Science and Technology
Bikash Bhavan, 4th Floor, Salt Lake, Kol-91*

25. *Seminars/ Conferences/Workshops organized & the source of funding:*

- a) *National: NIL*
- b) *International: NIL*
- c) *College Level: 02*

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	2900	13	12	1	100
2011-2012	UG(Honours)	3000	17	12	05	82.35
2012-2013	UG(Honours)	2900	15	08	07	73.33
2013-2014	UG(Honours)	-----	11	08	03	100

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? 02 (Two)

29. Student progression

Student progression	Against % enrolled
UG to PG	Information not available
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
• Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library :i) No of books in Departmental Library: 94

ii) No of books in Central Library: 632

b) Internet facilities for Staff& Students- Yes

- c) *Class rooms with ICT facility- NIL*
- d) *Laboratories: One laboratory with adequate equipment for UG Honours and General students.*

No.	Topic & Funding Agency	In Collaboration with	Date	Organized by	Resource Persons
1.	<i>Application of Remote Sensing and GIS and GPS at a glance.</i>	<i>Self organized</i>	<i>8.1.14</i>	<i>Department of Geography</i>	<i>Dr. Kakali Das</i>
2.	<i>Remote Sensing and GIS techniques for natural resources and Disaster Management</i>	<i>Department of Physics and Department of Geography</i>	<i>26.11.13</i>	<i>Department of Physics and Department of Geography</i>	<i>Dr. Amrit Lal Halder</i>

31. Number of students receiving financial assistance from college, university, government or other agencies:

Session	Honours	No. of Students
2014-2015	3rd year	2
	2nd year	4

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

33. Teaching methods adopted to improve student learning:

- i) *The departmental library has a good number of books from different branches of Geography. Students with Geography as their Honours subject are allowed to take one book for 14 days from this departmental library.*
- ii) *All the faculty members take Class tests in regular intervals after completion of a specified part of the syllabus.*

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Students of our department, studying in the 1st and 2nd year of undergraduate course, participate in the Orientation classes of the NSS, taken by the teachers of the college and invited guests on every Wednesday. Campus cleaning is also conducted on every Wednesday. They involve themselves in various programmes on the special days of international importance, such as International Women's Day, World Environment Day, World AIDS Day, Human Rights Day, etc., observed by the NSS Unit of our college.

A week-long Special Camping Programme is conducted by the NSS Unit, each year, in different adopted villages in Bishnupur. In this programme, our students find interest in making effort to create Health Awareness through

cleaning drains and roads in the adopted village, carrying out a survey by distributing leaflets containing a set of questionnaire regarding health and educational awareness.

35. SWOC analysis of the department and Future plans

STRENGTHS:

- *The Department of Geography of this college has two permanent full time teachers, one permanent part time teacher and two temporary teachers whose subjects of specialization, in M. A. are diversified: Regional Development, Remote Sensing and GIS, Agricultural Geography, Urban Geography and Geography of Environment. The Departmental Library has a good number of textbooks and reference books related with the UG syllabi. The students hardly encounter any inconvenience in pursuing the syllabus of Geography Honours and General Course. There is also a Desktop kept in the laboratory for the use of the students of the department of Geography.*
- *The department has three spacious and well-ventilated lecture rooms and one laboratory room which accommodate the instruments required for practical classes, as per the University-prescribed syllabus for both Honours and General Course.*

WEAKNESSES:

- *The number of the non-teaching staff is significantly insufficient in the department and this creates a huge problem in running the practical classes smoothly and it is an inhuman task for any one person to satisfy the need of all the students present in the laboratory. This hampers students' academic interest to a great extent.*
- *Gradual decrease in the number students' attendance (both Honours and General) in the class and increasing number of drop-outs each year is a matter of serious concern for this department.*

OPPORTUNITIES:

- *Our department arranges for special lectures on theoretical topics related to the syllabus by distinguished faculty members from various universities and institutes, where our students get the opportunity to interact with various eminent personalities. This gives a positive impact on the students and helps them in finding the subject more interesting.*
- *The Department of Geography helps the students in exploring different avenues to pursue further studies, after completing their Undergraduate Course, by providing them with necessary information regarding various Universities and Research Institutes in India and abroad.*

CHALLENGES:

- *The students here are mostly interested in getting jobs in the primary and secondary schools and are reluctant enough to pursue higher studies in the subject and take up research-oriented projects for the betterment of the society and nation at large. The employment scenario in the country does not ensure them to get better jobs if they pursue higher studies and thus they prefer to engage themselves in school teaching jobs as early as possible in search of future economic security*

FUTURE PLANS:

- *Although the department has a well-equipped laboratory set up pertaining to both Honours and General courses, we wish to enrich it further with additional instruments which will enable our students to probe deep into the subject and redefine their aim in life, motivate themselves accordingly.*
- *We have plans to arrange seminars and special lectures in coming years in collaboration with other*

departments and learned faculty members from different universities and institutions. This will immensely help to promote the students of this locality to understand the basic principles and applications of Geography in their day to day life.

1. Name of the department: **HISTORY**
2. Year of Establishment: General Course -1947 & Honours -1962
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: Certificate course in Human Rights.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: Certificate course in Human Rights.
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	-
<u>Reader</u>	-	-
<u>Asst. Professors</u>	04	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Bishnupada Malik</u>	M.A., B. Ed.	Assistant Professor	Modern Europe	9 years up to July, 2014	NIL
<u>Achintya Mandal</u>	M.A.	Assistant Professor	Modern Europe	8 years up to July, 2014	NIL
<u>Mrinal Kanti Dhank</u>	M.A., M.Phil., B. Ed.	Assistant Professor	Modern India	6 years up to July, 2014	NIL
<u>Ajit Debnath</u>	M.A.	Assistant Professor	Modern India	4 years up to July, 2014	NIL

<i>Sannyasi Samanta</i>	M.A, M. Phil	Substitute Teacher	18th Century India	3 Months Up To July 2014	N.A.
<i>Purnendu Bhattacharya</i>	M.A.	Part-Time Teacher	America	10 Years Up To July,2014	N.A.
<i>Tapas Ku. Nandi</i>	M.A., B. Ed.	Part Time Teacher	Modern Europe	6 Years Up To July 2014.	N.A.
<i>Sampa Goswami</i>	M.A.	Guest Teacher	Ancient India	Newly Appointed	N.A.

11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:10% of total lectures delivered

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	124	1232	124:6	1232:6
2011-12	111	2040	111:6	2040:6
2012-13	103	1960	103:6	1960:6
2013-14	80	1786	80:6	1786:6
2014-15	83	1696	83:7	1696:7

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:N.A.

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: PG-07, M. Phil. - 02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University:None

19. Publications:

Publication per faculty:

* Number of papers published in peer reviewed journals (national / international) by faculty and students:

Bishnupada Malik – 05

Achintya Mandal – 06

Mrinal Kanti Dhank – 03

Ajit Debnath – 01

Sannyasi Samanta – 01

Purnendu Bhattacharya –01

- * *Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):*

Achintya Mandal – 02

Mrinal Kanti Dhank – 01

- * *Monographs: NIL*
 * *Chapter in Books: NIL*
 * *Books Edited:*

Achintya Mandal – 02

Mrinal Kanti Dhank – 01

- * *Books with ISBN/ISSN numbers with details of publishers:*

Achintya Mandal – 02

Purnendu Bhattacharya – 01 (ISBN no.9789380677293)

- * *Citation Index: NIL*
 * *SNIP: NIL*
 * *SJR: NIL*
 * *Impact factor: NIL*
 * *h-index: NIL*

20. *Areas of consultancy and income generated: None*

21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards:

- (vi) *Achintya Mandal: Life Member of Paschim Banga Itihas Samsad and Member of the Editorial & advisory board of Nabyosrote, ISSN Journal.*
- (vii) *Mrinal Kanti Dhank: Life Member of Paschim Banga Itihas Samsad*
- (viii) *Ajit Debnath: Life Member of Paschim Banga Itihas Samsad*
- (ix) *Sannyasi Samanta: Life Member of Paschim Banga Itihas Samsad*
- (x) *Purnendu Bhattacharya: Life Member of Paschim Banga Itihas Samsad*

22. *Student projects*

- a) Percentage of students who have done in-house projects including inter departmental/programme: NIL*
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL*

23. *Awards/Recognitions received by faculty and students:*

Achintya Mandal –

- Gold Medal from RBU for securing highest marks in M.A.2002.
- Jagannath Guin Smriti Puraskar from RBU.2002.
- Rationalist of the Year award,1998from Science and Rationalist Association of India, Kolkata.

24. List of eminent academicians and scientists/visitors to the department: NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

- National: NIL
- International: NIL
- State Level:02

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED (Appeared in the Exam.)	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-1011	UG(Honours)	2900	32	18	14	96.87
2011-2012	UG(Honours)	3000	30	23	07	76.66
2012-2013	UG(Honours)	2900	27	20	07	85.19
2013-2014	UG(Honours)	-----	28	20	08	85.71

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	20% Per Year
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available

<i>Student progression</i>	<i>Against % enrolled</i>
<i>Ph.D. to Post-Doctoral</i>	<i>Data not available</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	<i>10%(approx) S.S.C and others</i>
<i>Entrepreneurship/Self-employment</i>	<i>NIL</i>

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: **543**
 ii) No of books in Central Library: **1647**
- b) **Internet facilities for Staff& Students**- Yes
- c) **Class rooms with ICT facility**- NIL
- d) **Laboratories** : N.A.

31. **Number of students receiving financial assistance from college, university, government or other agencies:**Data not available.

32. **Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:** Yes, Seminar.

33. **Teaching methods adopted to improve student learning:** Projector, maps etc.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:** NIL

35. **SWOC analysis of the department and Future plans:**

STRENGTHS:

- The Department has full-fledged faculty members. The teacher-student-ratio is good enough. Hence, there is no chance of any kind of suffering of students in terms of class taken. The Department has also a considerable number of books to cater to the need of the students. The students have easy access to the computer with internet facility of the Department.

WEAKNESSES:

- Though the Department houses a sizeable number of books, but more books should be procured to flourish the library to meet the growing demands of the students. More emphasis should be given on the regular feedback of the students. Seminars of national and international stature should be organized on regular basis by the Department. The Department should launch a journal with a view to whet the creative genius of the teachers and students alike. No less important is to organize annual tour to historical places of the students of the Department.

OPPORTUNITIES:

- *The evaluation of the students on a regular basis should be conducted by the Department. Another key area is to adopt the latest teaching module. Both the on-going and passed- out students equally get the opportunity to attend the coaching classes for different competitive exams under Entry-in Services scheme conducted by the college with the financial assistance of the UGC.*

CHALLENGES:

- *The College is ensconced at the remote area of West Bengal .The students have to face utter hostility to attend the classes regularly. The class rooms should be renovated with modern teaching aids and other facilities. The Department should organize special lectures delivered by eminent personalities from different states of the country. Most importantly, the Department should involve in the faculty exchange programme. Another challenging step is to encourage the students to participate in the class room teachings regularly.*

FUTURE PLANS:

- *The Department is mulling over establishing a museum to preserve the historical artefacts of the historically important place of Bishnupur .The another important plan of the Department is to publish a peer reviewed journal. The future priority of the Department is to organize national, international seminars and workshops regularly.*

1. Name of the department: **POLITICAL SCIENCE**
2. Year of Establishment:
 - I. A. -1945
 - UG General- 1947
 - UG Honours-1967
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General), Certificate course in Human Rights.
4. Names of Interdisciplinary courses and the departments/units involved: Certificate course in Human Rights
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments:
 - Human rights
 - Career Counseling Course
 - SSC Coaching
7. Courses in collaboration with other universities, industries, foreign institutions: NIL
8. Details of courses/programmes discontinued (if any) with reasons: Certificate course in Human Rights
The Course was sponsored and approved by the UGC and the duration was completed as per approval.
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	-	00
<u>Reader</u>	-	00
<u>Asst. Professors</u>	04	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Sri Babhula Kumar Pradhan</u>	M.A.	Assistant Professor	International Relation	14 years up to April 2014	NIL
<u>Dr. Prafulla</u>	M.A., M.Phil, P	Assistant	International	8 years up to	NIL

<u>Kumar Das</u>	.hD	Professor	Relation	July2014	
<u>Sri Biswarup Ghar</u>	M.A.	Part-time teacher	International Relation	10 years up to Sept 2014	NIL
<u>Smt. Anamika Sen</u>	M.A.	Part-time teacher	PA	7years up to July 14	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: N. A.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
<u>2010-11</u>	14	530	14:3	530:3
<u>2011-12</u>	17	543	17:3	543:3
<u>2012-13</u>	11	555	11:3	555:3
<u>2013-14</u>	10	561	10:3	561:3

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N. A.

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-01, PG-03

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Sponsored Department	Grant Received
UGC	51500/-
ICSSR	183825/-

18. Research Centre /facility recognized by the University: None

19. Publications:

Publication per faculty:

* Number of papers published in peer reviewed journals (national / international) by faculty and students:

Dr. Prafulla Kumar Das -09

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

Dr. Prafulla Kumar Das -02

- * *Monographs: NIL*
- * *Chapter in Books:*

Dr. Prafulla Kumar Das -03

- * *Books Edited:*

Dr. Prafulla Kumar Das -02

- * *Books with ISBN/ISSN numbers with details of publishers:*

Dr. Prafulla Kumar Das -02

- * *Citation Index: NIL*
- * *SNIP: NIL*
- * *SJR: NIL*
- * *Impact factor: NIL*
- * *h-index: NIL*

20. *Areas of consultancy and income generated: None*

21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards: NIL

22. *Student projects*

a) Percentage of students who have done in-house projects including inter departmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. *Awards/Recognitions received by faculty and students:*

Dr. Prafulla Kr. Das –

- *Award Received for Outstanding Research Work in Social Science. Awarded by Berhampur University, Odisha on University Foundation Day, 2003.*

24. *List of eminent academicians and scientists/visitors to the department: NIL*

25. *Seminars/ Conferences/Workshops organized & the source of funding:*

a) National: 01 (Organized by the department by the Sponsorship of UGC & another Seminar has been approved)

b) International:

26. *Student profile programme/course wise:*

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	2900	14	06	08	85.71
2011-2012	UG(Honours)	3000	17	07	10	76.47
2012-2013	UG(Honours)	2900	12	07	05	75
2013-2014	UG(Honours)	-----	11	07	04	45.45

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	15 % Per Year
PG to M.Phil.	We have no PG level in our Department
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	7%(approx) s.s.c and others
Entrepreneurship/Self-employment	7%
	Data Unkown

30. Details of Infrastructural facilities

a) **Library** :i) No of books in Departmental Library: 199

ii) No of books in Central Library: 815

b) **Internet facilities for Staff**- Yes

& **Students**- No

c) *Class rooms with ICT facility-NIL*

d) *Laboratories:NIL*

31. *Number of students receiving financial assistance from college, university, government or other agencies:Data not available.*

32. *Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: NIL*

33. *Teaching methods adopted to improve student learning:Projectors used in some cases.*

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities: Students participate in NSS and NCC.*

35. *SWOC analysis of the department*

STRENGTHS:

- *Close interaction between the teachers and students because of low intake of the students into the honours courses.*
- *Constant encouragement and motivation is provided to the students to develop eagerness among them and to apply themselves to their study.*
- *Teachers and students interact in a harmonious way*

WEAKNESSES:

- *Lack of adequate number of full time teachers in the Department*
- *Admission of students with comparatively poor academic standards.*
- *Most of the students belong to Bengali medium. So they are unable to access literature and Reference books available in English Version only.*

OPPORTUNITIES:

- *The Honours students, who have passed out and got admitted to University Department of Post Graduate Studies, come to department for advice and guidance and we offer the same to the best of our capacity.*

CHALLENGES:

It is observed that admission to Political Science honours course has been decreasing for the last couple of years and most of the weak students take admission after not getting honours in other subjects. Students prefer other school subjects for job under the Govt of West Bengal. Hence it's a challenge for us to motivate students towards studying the subject so that they may learn besides mere passing out exams. To upgrade the standard of students of UG Courses within a limited infrastructural arrangement, along with acute shortage of full time faculty in the department.

1. Name of the department: **PHYSICAL EDUCATION**
2. Year of Establishment: 2010
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (General)
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise): Semester wise
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED
<u>Professors</u>	-	-
<u>Associate Professors</u>	01	00
<u>Reader</u>	-	-
<u>Asst. Professors</u>	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. D.K.Singh</u>	M.P.Ed, Ph.D	Assistant Professor	Sports Training	Joined on 29/04/2014	NIL
<u>S. Kundu</u>	M.P.Ed	Part-time Teacher	Nil		NIL

11. List of senior visiting faculty: None
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 10
13. Student -Teacher Ratio (programme wise): 150:1

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	---	360	---	180:1
2011-12	---	360	---	180:1
2012-13	---	360	---	360:1
2013-14	---	390	---	390:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph. D.-01, PG - 01
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre/facility recognized by the University: None
19. Publications:
- Publication per faculty: 13
- * Number of papers published in peer reviewed journals (national / international) by faculty and students: 11
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):
 - * Monographs:
 - * Chapter in Books: 01
 - * Books Edited: 02
 - * Books with ISBN/ISSN numbers with details of publishers:
 - Lambert Academic Publication
 - Classic Publication
 - * Citation Index:
 - * SNIP:
 - * SJR:
 - * Impact factor:
 - * h-index:
20. Areas of consultancy and income generated: None
21. Faculty as members in
- a) National committees b) International Committees c) Editorial Boards:
- Member of National Committee (Physical Education Foundation of India)
22. Student projects
- a) Percentage of students who have done in-house projects including inter

departmental/programme:NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:NIL

23. Awards/Recognitions received by faculty and students:NIL

24. List of eminent academicians and scientists/visitors to the department:NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National: NIL

b) International: NIL

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-1011	UG (General)		0	0	0	0
2011-2012	UG (General)		23	21	2	69.6
2012-2013	UG (General)		21	18	3	42.9
2013-2014	UG (General)		23	17	6	52.2

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	No such record is maintained
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL

<i>Student progression</i>	<i>Against % enrolled</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	NIL
<i>Entrepreneurship/Self-employment</i>	NIL

30. Details of Infrastructural facilities

- a) **Library** :i) No of books in Departmental Library: ----
 ii) No of books in Central Library: ----
- b) **Internet facilities for Staff& Students**– Yes
- c) **Class rooms with ICT facility**–Class room only
- d) **Laboratories**: NIL

31. **Number of students receiving financial assistance from college, university, government or other agencies**:NIL

32. **Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts**: NIL

33. **Teaching methods adopted to improve student learning**:

- i) *Lecture*
 ii) *Orientation and*
 iii) *Demonstration methods*

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**: Yes

35. **SWOC analysis of the department and Future plans**:

STRENGTHS:

- *Teachers maintain friendly relations with the co-operative and helpful non –teaching staff.*
- *Students perform well in competitive games and sports.*
- *The use of modern teaching aids and technology enriches the teaching learning experience.*
- *Co-operative behaviours of the students help the teaching learning process.*

WEAKNESSES:

NIL

OPPORTUNITIES:

- *The department has sufficient equipment to take practical classes.*
- *The department has separate building and ground for theory and practical classes for the students.*

CHALLENGES:

- *Motivate the students for theory and practical classes regularly.*
- *Create interest among the students & teachers of other departments to take part in different types of physical activities and sports.*

FUTURE PLANS:

- *The department plans to introduce more books and educational tour for the students.*
- *The department plans to visit some standard sports meet for the students.*
- *The department plans to organise seminars and conference on the different issues regarding Physical Education and Sports*

Science is what you know; Philosophy is what you don't know.

-----Bertrand Russell

- Name of the department:** **PHILOSOPHY**
- Year of Establishment:** The department of Philosophy, Ramananda College, Bishnupur, Bankura had its beginning in intermediate course of logic in the year 1945 under the Calcutta University. B.A. Pass (General) course in Philosophy was started in the year 1947. In the year 1962 the college came under the University of Burdwan on creation of the new university. In the session 2003-04 honours course in Philosophy was started as self-financed basis.
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** UG (Hons. & General)
- Names of Interdisciplinary courses and the departments/units involved:** None
- Annual/ semester/choice based credit system (programme wise):** Annual
- Participation of the department in the courses offered by other departments:** Many students of the department participate in the Human Rights course offered by the Political Science department of our college.
- Courses in collaboration with other universities, industries, foreign institutions:** None
- Details of courses/programmes discontinued (if any) with reasons:** None
- Number of Teaching posts:**

	SANCTIONED	FILLED	VACANT
<u>Professors</u>	-	-	-
<u>Associate Professors</u>	-	01 (By promotion)	-
<u>Reader</u>	-	-	-
<u>Asst. Professors</u>	02	00	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):**

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Dr. Kritidipa Datta (Haldar)</u>	M.A., Ph.D	Associate Professor	Logic	22years(general), 10 years(honours)	NIL
<u>Sonali Kaity</u>	M.A., B.Ed	Part- time Lecturer	Advanced Logic	09 years	NIL
<u>Moumita Dey</u>	M.A., B.Ed	Part-time Lecturer	Advaita Vedanta&Applied	03years	NIL

			<i>Philosophy</i>		
<i>Bubai Khan</i>	<i>M.A., B.Ed</i>	<i>Guest Lecturer</i>	<i>Advance Logic</i>	<i>Newly joined</i>	<i>NIL</i>
<i>Anusree Khan</i>	<i>M.A.</i>	<i>Guest Lecturer</i>	<i>Vedanta</i>	<i>Newly joined</i>	<i>NIL</i>

11. *List of senior visiting faculty:None*

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:10 class per week*

13. *Student -Teacher Ratio (programme wise):*

SESSION	STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)
<i>2009-10</i>	<i>19:1</i>	<i>365:1</i>
<i>2010-11</i>	<i>19:1</i>	<i>388:1</i>
<i>2011-12</i>	<i>19:1</i>	<i>387:1</i>
<i>2012-13</i>	<i>20:1</i>	<i>423:1</i>
<i>2013-14</i>	<i>15:1</i>	<i>436:1</i>

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:NA*

15. *Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-01*

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL*

17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL*

18. *Research Centre /facility recognized by the University:None*

19. *Publications:*

Dr. Kritidipa Datta – 01 (“Russell’s Notion of Existence”-Published in “Darshan Manjari”: The BurdwanUniversity Journal of Philosophy, Vol 5, 1987-88)

20. *Areas of consultancy and income generated:None*

21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards:

(i)Dr. Kritidipa Datta: Member of the Indian Philosophical Congress

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: 100% students undertake ENVIS projects.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. Awards/Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists/visitors to the department: NIL

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National: NIL

b) International: NIL

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENT AGE
				*M	*F	
2010-2011	UG(Honours)	2900	15	03	12	41.17
2011-2012	UG(Honours)	3000	20	10	10	35
2012-2013	UG(Honours)	2900	11	03	08	90.91
2013-2014	UG(Honours)	-----	06	01	05	100

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE COURSE	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM OTHER STATES	% OF STUDENTS FROM ABROAD
UG(Honours)	100	NIL	NIL
UG(General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Since Honours course of this department started in the session 2003-04 thus a few (3 - 4) students qualified SLET examination.

29. Student progression

<i>Student progression</i>	<i>Against % enrolled</i>
<i>UG to PG</i>	<i>~80</i>
<i>PG to M.Phil.</i>	<i>NIL</i>
<i>PG to Ph.D.</i>	<i>NA</i>
<i>Ph.D. to Post-Doctoral</i>	<i>NA</i>
<ul style="list-style-type: none"> • <i>Employed</i> • <i>Campus selection</i> • <i>Other than campus recruitment</i> 	<i>NIL</i>
<i>Entrepreneurship/Self-employment</i>	<i>Information not available</i>

30. Details of Infrastructural facilities

a) **Library** :i) No of books in Departmental Library: **121**

ii) No of books in Central Library: -----

b) **Internet facilities for Staff & Students**- The department has one Lap top of its own and shares one Desk Top with the Departments of Political Science & History. Teachers and students can access Internet Facility as and when required.

c) **Class rooms with ICT facility**- **NIL**

d) **Laboratories** :**NA**

31. **Number of students receiving financial assistance from college, university, government or other agencies**:Kannashree Scholarship (02), OBC Stipend (02), SC/ST Stipend (03), Merit cum Means Scholarship (02)

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**: **NA**

33. **Teaching methods adopted to improve student learning**:Lecture method, group discussion method and occasionally projector method.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students of the department participate NSS programme organized by the NSS Unit of the College. They also participate blood donation camp organized by the student union of the college.

35. SWOC analysis of the department and Future plans

STRENGTHS:

- *Philosophy is an interesting subject that fulfills curiosities regarding problems in the field of epistemology, logic and ontology which helps students on the line of their preparedness for competitive examinations.*
- *The relationship between teachers and students is very good. Thus there is a scope for joint seminars along with other social science departments of the college.*

WEAKNESSES:

- *Students disinterestedness in taking of regular classes including honours and general is an important weakness of the department.*
- *There is only one full-time teacher in the department. Thus at present the department is facing a dearth of full-time teacher. The college authority has applied for new post and the department is hopeful in this regard. The department has overcome the problem by appointing two part-time teachers.*
- *Honours course of the department is running on self-financed basis thus the students are less interested to choose philosophy as their honours subject.*

OPPORTUNITIES:

- *Besides teaching profession department of philosophy helps the students to be competent for their competitive examination for various services. The department develops scholarly trend among the students and encourages research mindedness.*

CHALLENGES:

- *A great threat – student unwillingness to attend classes – if they may not be drifts back to class – a great loss for students as well as society.*

FUTURE PLANS:

- *To be an advanced center of Philosophy at the district level.*
- *To inspire and guide the students on the line of their preparedness for competitive examination.*
- *To bring a congenial atmosphere for interacting the students with the expert in the field through group discussion form.*
- *To make the departmental seminars as a forum for various national and state level.*

1. Name of the department: **SANSKRIT**
2. Year of Establishment: 1945
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Hons. & General)
4. Names of Interdisciplinary courses and the departments/units involved: Bikshan-Interdisciplinary Study Unit
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

	SANCTIONED	FILLED	VACANT
<u>Professors</u>	-	-	-
<u>Associate Professors</u>	-	-	-
<u>Reader</u>	-	-	-
<u>Asst. Professors</u>	04	03	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.):

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION	NO. OF YEARS OF EXPERIENCE	NO. OF PH.D. STUDENTS GUIDED FOR THE LAST 4 YEARS
<u>Soma Bhattacharya</u>	M.A., M.Phil	Assistant Professor	Philosophy	6 years	NIL
<u>Dr. Gour Baran De</u>	M.A., B.Ed., B.L., I.S., M.Phil., Ph.D	Assistant Professor	Veda	4 years	NIL
<u>Dr. Chirashree Mukherjee</u>	M.A., Ph.D	Assistant Professor	Kavya	4 years	NIL
<u>Namita Mukherjee</u>	M.A., B.Ed,	Part-time Teacher	Vedanto	9 years	NIL

Aparajita Pan	M.A, B.Ed	Part-time Teacher	Philosophy	8 years	NIL
Tapas Kumar Pratihar	M.A,B.Ed	Part-time Teacher	Philosophy	7 years	NIL
Joydev Das	M.A,CCHR	Part-time Teacher	Sankhya	7years	NIL

11. List of senior visiting faculty:None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:N.A.

13. Student -Teacher Ratio (programme wise):

SESSION	TOTAL NO. OF STUDENT		STUDENT-TEACHER RATIO	
	UG (HONS.)	UG (GENERAL)	UG (HONS.)	UG (GENERAL)
2010-11	147	2200	29.4:1	440:1
2011-12	155	2250	31:1	450:1
2012-13	139	2300	27.8:1	460:1
2013-14	125	2350	25:1	470:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:N.A.

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/ MPhil/PG: Ph.D.-02, M. Phil. – 01, PG-04

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University:None

19. Publications:

Publication per faculty:

* Number of papers published in peer reviewed journals (national / international) by faculty and students:

Dr. Soma Bhattacharya-01

Dr. Chirashree Mukherjee-01

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):NIL

* Monographs:NIL

* *Chapter in Books:*

Dr. Soma Bhattacharya-02
Dr. Chirashree Mukherjee-02

* *Books Edited:*

Dr. Chirashree Mukherjee-04

* *Books with ISBN/ISSN numbers with details of publishers: NIL** *Citation Index: NIL** *SNIP: NIL** *SJR: NIL** *Impact factor: NIL** *h-index: NIL*20. *Areas of consultancy and income generated: None*21. *Faculty as members in*

a) National committees b) International Committees c) Editorial Boards: None

22. *Student projects*

a) Percentage of students who have done in-house projects including inter departmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. *Awards/Recognitions received by faculty and students: NIL*24. *List of eminent academicians and scientists/visitors to the department: NIL*25. *Seminars/ Conferences/Workshops organized & the source of funding:**a) National:*

<i>Topic</i>	<i>Funding Agency</i>	<i>In Collaboration with</i>	<i>Date</i>	<i>Organized by</i>
<i>Topic: Social Security vs. Human Rights: An Introspection</i>	<i>UGC</i>	<i>Departments of Political Science, Economics, History, English and Bengali of Ramananda College, Bishnupur</i>	<i>25th-26th Sept 2010.</i>	<i>Departments of Political Science, Economics, History and Literatures of Ramananda College, Bishnupur, Bankura</i>
<i>Topic: Nimbarka Philosophy and Universalism</i>	<i>The World Nimbarka Parishad & Shri Shri Dhananjay Das Kathia Baba Seva Samity</i>	<i>The World Nimbarka Parishad and the Dept. of Philosophy, Ramananda College, Bishnupur</i>	<i>28th & 29th Nov 2012</i>	<i>The World Nimbarka Parishad and the Depts. of Philosophy and Sanskrit of Ramananda College, Bishnupur, Bankura, and Shri Shri Dhananjay Das Kathia Baba Seva Samity Dakaisini, Asthal, Beliatore, Bankura</i>

	Dakaisini, Asthal, Beliatore, Bankura			
Topic: Colonialism, Postcolonialism and Beyond	UGC	Departments of English & Bengali Ramananda College, Bishnupur, Bankura, & Swami Dhananjay Das Kathia Baba Mahavidyalaya, Bhara	27th & 28th Sept 2013	Departments of English, Bengali & Sanskrit of Ramananda College, Bishnupur, Bankura & Swami Dhananjay Das Kathia Baba Mahavidyalaya, Bhara

b) *International: NIL*

Ketnote adress in The National Seminar, 2013



Invited Speakers in the National Seminar, 2013

26. Student profile programme/course wise:

SESSION	NAME OF THE COURSE/PROGRAMME (REFER QUESTION NO. 4)	APPLICATIONS RECEIVED**	SELECTED	ENROLLED		PASS PERCENTAGE
				*M	*F	
2010-2011	UG(Honours)	2900	37	16	21	89.2
2011-2012	UG(Honours)	3000	40	15	25	80
2012-2013	UG(Honours)	2900	39	17	22	94.9
2013-2014	UG(Honours)	-----	34	10	24	61.8

*M=Male F=Female

**Selection was done through central counseling process according to merit list.

27. Diversity of Students

NAME OF THE	% OF STUDENTS	% OF STUDENTS	% OF STUDENTS
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COURSE	FROM THE SAME STATE	FROM OTHER STATES	FROM ABROAD
UG (Honours)	100	NIL	NIL
UG (General)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	Information not available
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library :i) No of books in Departmental Library: 198

ii) No of books in Central Library: 2524

b) Internet facilities for Staff-Yes
& Students-No

c) Class rooms with ICT facility- NIL

a) Laboratories:N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies:~35

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

Topic	Funding Agency	In Collaboration with	Date	Organized by
Topic: Social Security vs. Human Rights: An Introspection	UGC	Departments of Political Science, Economics, History, English and Bengali of Ramananda College, Bishnupur	25th-26th Sept 2010.	Departments of Political Science, Economics, History and Literatures of Ramananda College, Bishnupur, Bankura
Topic: Nimbarka	The World Nimbarka	The World Nimbarka Parishad	28th & 29th	The World Nimbarka Parishad and the Depts. of Philosophy and Sanskrit of

<i>Philosophy and Universalism</i>	<i>Parishad & Shri Shri Dhananjay Das Kathia Baba Seva Samity Dakaisini, Asthal, Beliatore, Bankura</i>	<i>and the Dept. of Philosophy, Ramananda College, Bishnupur</i>	<i>Nov 2012</i>	<i>Ramananda College, Bishnupur, Bankura, and Shri Shri Dhananjay Das Kathia Baba Seva Samity Dakaisini, Asthal, Beliatore, Bankura</i>
<i>Topic: Colonialism, Postcolonialism and Beyond</i>	<i>UGC</i>	<i>Departments of English & Bengali Ramananda College, Bishnupur, Bankura, & Swami Dhananjay Das Kathia Baba Mahavidyalaya, Bhara</i>	<i>27th & 28th Sept 2013</i>	<i>Departments of English, Bengali & Sanskrit of Ramananda College, Bishnupur, Bankura & Swami Dhananjay Das Kathia Baba Mahavidyalaya, Bhara</i>

33. Teaching methods adopted to improve student learning:

- i) Lecture Method
- ii) Projection Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NSS Activities by the Students & Teachers

35. SWOC analysis of the department and Future plans:

STRENGTHS:

- 3 Full Time faculty, 4 Part Time faculty: The wide-ranging expertise of the teaching faculty facilitates the seamless handling of diversity of learning among students.
- Classes are conducted regularly and on time.
- Syllabi for each year is completed on time.
- Classes can be usually taken by another teacher if any of the faculty is absent.
- Even after scheduled classes, students are provided special attention to clear their doubts whenever necessary, within college hours.
- Teachers personally conduct class tests in course of teaching to assess the regular progress of the students.
- The Departmental Library and Central Library has a invaluable stock of books to facilitate their overall development.
- Seminars are conducted for the extended learning of students
- The department fosters a healthy Student-Teacher relationship.
- The teachers encourage and enrich the students with knowledge even outside the defined curricula to make them ready for employment or further learning..

WEAKNESSES:

- *The student-teacher ratio is quite high, resulting in inadequate scope for teachers to impart focused, personalized and intensive guidance to students and address their individual academic inadequacies.*
- *Seminars, Workshops and extended lectures are not arranged at a regular interval.*
- *Important extra-curricular aspects of how the Sanskrit Language is coping up with the modern-day languages are not covered within the limited time and scope of the course.*
- *Not enough scope to engage the students in application-oriented learning, viz., dramas and musicals which may result in a more involved learning environment.*

OPPORTUNITIES:

- *The areas of application of the Sanskrit language are finding newer horizons, as cutting-age research in Computer Science has revealed the intrinsic and unique feature that Sanskrit is the only 100% non-ambiguous language suitable for computational communication, akin to complex mathematical and machine languages developed in the twentieth century.*
- *The students have a wide spectrum of professional opportunities to explore in future, e.g., Teaching, Indology, Philosophy, Philology, Epigraphy, Museology, Manuscriptology, Natural Language Processing (NLP) and Natural Language Understanding (NLU) etc., and other general administrative services.*
- *The department can have an illustrious alma mater, as the students passing out may carve a niche for themselves in their individual careers, credited by the solid foundation laid during their years in this department.*

CHALLENGES:

- *To attract the “cream of the crop” students, year after year, to learn the Sanskrit language, so that they can engage in scholarly work and contribute to further the horizons and spread the beauty of this ancient enriched language far and wide.*
- *To retain and motivate the enrolled students in learning the Sanskrit language, which is hardly used in general conversation in today’s world.*

FUTURE PLANS:

- *If the UGC and the college provide the department with suitable funding, rooms and training, then a language laboratory will be in the offing.*
- *We have plans to arrange seminars, manuscriptology workshops, exhibition of vedic sacrificial instruments in every coming year in collaboration with CUMRC and School of Vedic Studies, RBU. This will immensely help to promote the students of this locality to understand the basic principles and applications of manuscriptology and vedic sacrifices which will help them in understanding their curriculum in a better way.*

PART - E

POST ACCREDITATION INITIATIVES

Recommendations and Initiatives

During the first cycle assessment and accreditation eight recommendations were placed by the peer team. College has tried to implement most of those recommendations in the last few years. The present status of implementation of these recommendations is summarized one by one:

1. Efforts must be made to reduce the drop out rate and improve student's attendance in classes.

- *Information regarding students' attendance is given in the prospectus as per university norms.*
- *Several drives have been taken to reduce the drop out rate of the students such as informations of job scenario in higher studies and scholarships available for higher studies during admission period. Guardians call of the ill present students in the class room have been done time to time and also at the time of test examination. After having taken such steps attendance of the students in the class room as well as drop out rate have been reduce drastically.*

2. Training in Vermiculture and pisciculture has to be considered as it will help the local people.

- *The College sets up one vermiculture unit to teach the interested students the advantages use of bio-fertilizer.*
- *Training in pisciculture is not started till now because of the non-availability of ponds. However, the department of Zoology arranges to visit near by goat-firm at Katulpur, Bishnupur. The firm authority has been agreed to train the interested students.*

3. Short term courses which are skill oriented such as computer programme, Communicative English and Tourism etc. may be offered outside class hours to the existing students to equip them with self confidence for employment self sustenance.

- *Short term courses in computer programme was not started in the College, generally interested students are admitted to the Youth Computer Center at Bishnupur Town for Diploma degrees, Certificate courses etc. The College offered B. Sc. General Course in Computer Science from the 2014-15 session.*
- *Communicative English Course has been started in the College campus from last year in collaboration with Red Rose Institute.*
- *Course in Tourism is not introduced in the College directly but interested students may obtain training from Government of West Bengal which is arranged by Tourist Lodge, Bishnupur, Department of Tourism, Government of West Bengal.*

4. Coaching Programme may be strengthened to enable candidates to face competitive examinations with confidence.

- *A coaching programme 'Entry in Service', for SC/ST/OBC/MC students sponsored by UGC had been started in the College Campus in 2010, after college hours. The numerous students have been availed the job as school teacher through School Service Commission as well as in other Jobs such as Clerical Examination in Public Service Commission, West Bengal Civil Service, etc.*

5. Rainwater harvesting and management is of utmost importance and can be introduced as job oriented courses.

- *College recently sets up a rain water harvesting unit in the College Campus with the partial financial aids from the Department Environmental Science, Government of West Bengal .*
- *Training in rainwater harvesting is not started now, thus, rainwater harvesting is not now a job oriented course.*

6. College can consider starting some Post graduate courses in Commerce and Management, Computer Science, Physics, Mathematics and English as the college has qualified and competitive teaching Staff and nessary infrastructure.

- *As per the recommendation of NAAC peer team College started Post Graduate course in Botany has been started in 2008. The Department of Physics has been submitted the proposal for PG studies in College campus. Since there is no permanent teacher in the Department of Mathematics and two permanent teachers in the Department in English become constrains for submission of the proposal of PG-studies in these departments.*

- 7. ***Library is to be computerized fully. More books, journals and periodicals are to be added to the library. More books can be issued to the teachers and students.***
 - *Now Library is computerized fully. Number of books, journals and periodicals are purchased as per the grants received from UGC. Steps have taken through Library Commette to issue more books to the teachers and students.*

- 8. ***College can consider organizing seminars, conferences and workshops frequently to facilitate students to interact with experts.***
 - *College organizes state level as well as national level seminars, conferences, exhibitions and workshops based on the applications and grants received from UGC, DST, etc.*