

2014

SELF STUDY REPORT

RAGHUNATHPUR COLLEGE,
RAGHUNATHPUR 723133; PURULIA
WEST BENGAL.

www.raghunathpurcollege.in



CONTENTS

<i>Part I: Institutional Data</i>	3
<i>A. Profile of the College</i>	4
<i>B. Criterion-wise Inputs</i>	16
1. <i>Criterion I: CURRICULAR ASPECTS</i>	17
2. <i>Criterion II: TEACHING-LEARNING & EVALUATION</i>	27
3. <i>Criterion III: RESEARCH, CONSULTANCY & EXTENSION</i>	64
4. <i>Criterion IV: INFRASTRUCTURE & LEARNING RESOURCES</i>	95
5. <i>Criterion V: STUDENT SUPPORT & PROGRESSION</i>	107
6. <i>Criterion VI: GOVERNANCE, LEADERSHIP & MANAGEMENT</i>	118
7. <i>Criterion VII: INNOVATION & BEST PRACTICES</i>	128
<i>C. PROFILE OF THE DEPARTMENTS</i>	132
a) <i>Bengali</i>	133
b) <i>English</i>	138
c) <i>Sanskrit</i>	142
d) <i>History</i>	146
e) <i>Philosophy</i>	150
f) <i>Sociology</i>	154
g) <i>Geography</i>	158
h) <i>Music</i>	162
i) <i>Physics</i>	166
j) <i>Chemistry</i>	173
k) <i>Mathematics</i>	183
l) <i>Zoology</i>	187
m) <i>Political Science</i>	191
n) <i>Bachelor of Computer Application</i>	197
o) <i>Economics</i>	202
p) <i>Commerce</i>	206
q) <i>Botany</i>	212
<i>Part II: EVALUATIVE REPORTS</i>	220
<i>Executive Summary</i>	232
<i>Post-accreditation Initiatives</i>	239
<i>Declaration by the Head of the Institution</i>	242

PART I

INSTITUTIONAL DATA

A) PROFILE OF THE COLLEGE

1.Name and Address of the College:

Name:	RAGHUNATHPUR COLLEGE		
Address:	P.O.: RAGHUNATHPUR, DIST. : PURULIA		
City: RAGHUNATHPUR	Pin: 723133	State: WEST BENGAL	
Website:	www.raghunathpurcollege.in		

2. For communication:

Designation	Name	Telephone withSTDcode	Mobile	Fax	Email
Principal	Prof. Samir Kr. Chanda	O: 03251-255235 R: 033-25682751	9433522616	03251-255235	chandasamir13@gmail.com
VicePrincipal		O: R:			
Steering Committee Coordinator	Dr. Pradeepta Guptaroy	O:03251-255235 R: 033-23376077	9434213053	03251-255235	gpradeepta@gmail.com

3. Status of the Institution:

Affiliated College

Constituent College ✓

Anyother(specify):

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education ✓

b. By Shift

i. Regular✓

ii. Day

iii. Evening

5.It is a recognized minority institution?

Yes

No ✓

If yes specify the minority status(Religious/linguistic/anyother) and provide documentary evidence.

6. Sources of funding:

Government✓

Grant-in-aid ✓

Self-financing ✓

Anyother

7. a.Date of establishment of the college:.....(08/07/1961)
b.University to which the college is affiliated/or which governs th ecollege (If itis a constituent college)

Sidho-Kanho-Birsha University

c.Details of UGC recognition:

Under Section	Date,Month&Year (dd-mm-yyyy)	Remarks(Ifany)
i.2(f)	11-1963	
ii.12(B)	--	

(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,RCIetc.) : NA

UnderSection/ clause	Recognition/ Approval details Institution/Department Programme	Day,Month andYear (dd-mm-yyyy)	Validity	Remarks
i.				
ii.				
iii.				
iv.				

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:.....(dd/mm/yyyy)

b. for its performance by anyother governmental agency?

Yes ☐ No ☒

If yes, Name of the agency: State Assessment Council and

Date of recognition:.....(dd/mm/yyyy)

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

Location*	Rural
Campus area in sq.mts.	27.88 acres
Builtup area in sq.mts.	8633 sq.m. except stadium and auditorium

(*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

* playground ✓

* swimming pool

* gymnasium ✓

- Hostel

* Boys' hostel ✓

i. Number of hostels: one

ii. Number of inmates: 100

iii. Facilities (mention available facilities):

* Girls' hostel

i. Number of hostels

ii. Number of inmates

iii. Facilities (mention available facilities)

* Working women's hostel

i. Number of inmates

ii. Facilities (mention available facilities)

• Residential facilities for teaching and non-teaching staff (give numbers available—cadrewise)

• Cafeteria—✓

• Healthcentre—✓

Firstaid, Inpatient, Outpatient, Emergency care facility,

Ambulance.....Health centre staff—

Qualified doctor Fulltime ☐ Part-time ☒

Qualified Nurse Fulltime ☐ Part-time ☐

• Facilities like banking, post office, book shops

- Transport facilities to cater to the needs of students and staff
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage✓
- Solid waste management facility
- Waste water management
- Water harvesting✓

12. Details of programmes offered by the college (Give data for current academic year)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned Student Strength	Number of students admitted
i)	Under-graduate	I) B.A. II) B.Sc. III) B.Com.	3 yrs.	10+2 passed	Eng., Beng.,	I) 1200 II) 200 III) 150	Almost all seats have been filled
ii)	Post-graduate	--					
iii)	Integrated Programmes PG						
iv)	M.Phil	--					
v)	Ph. D.	--					
vi)	Certificate course	--					
vii)	UG Diploma	--					
viii)	PG Diploma	--					
ix)	Any Other (specify)	BCA	3 yrs.	10+2 passed	Eng.	30	20

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	5
-----	---	----	--	--------	---

15. List the departments: (respond if applicable only and donot list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, donot list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science	Physics, Chemistry, Mathematics, Botany, Zoology, Economics, Geography	√		Chemistry
Arts	Bengali, English, Sanskrit, History, Philosophy, Political Science, Sociology, Music, Physical Education	√		
Commerce	Accountancy	√		
AnyOther (Specify)	BCA	√		

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

- a. annual system
- b. semester system
- c. trimester system

17. Number of Programmes with

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

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 (ifapplicable)

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).....(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 Physical 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 <i>Recruited</i>			6	2	11	6	10	5	1	
<i>Yet to recruit</i>					12	7				
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>										
<i>Yet to recruit</i>										

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			3		5	1	9
M.Phil.						3	3
PG			3	2	6	2	13
Temporary teachers							
Ph.D.					2		2

M.Phil.							
PG					11		6
Part-time teachers							
Ph.D.							
M.Phil.							
PG					14		5

22. Number of Visiting Faculty/Guest Faculty engaged with the College. 1

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

Categories	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	166	100	290	109	201	114	225	101
ST	50	21	50	28	60	31	60	21
OBC	50	35	71	48	81	60	90	71
General	420	340	500	370	536	370	540	407
Others	0	0	0	0	0	0	0	0

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same State where the college is located	1600	--	--	--	1600
Students from other states of India	100	--	--	--	100
NRI students	0	--	--	--	--
Foreign students	0	--	--	--	--
Total	1700	--	--	--	1700

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

UG 30%

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

Rs. 6684.12

(b) excluding the salary component

Rs. 1223.45

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

d) Programmes carry the recognition of the Distance Education Council.

Yes ☐ No ☐

28. Provide Teacher-student ratio for each of the programme/course offered

B.A : 20: 1239; B.Sc.: 15:264; B.Com: 2:41

29. Is the college applying or

Accreditation: Cycle1 ☐ Cycle2 ☒ Cycle3 ☐ Cycle4 ☐

Re-Assessment: ☐

(Cycle1 refers to first accreditation and Cycle2, Cycle3 and Cycle4 refers to reaccreditation)

30. Date of accreditation* (applicable for Cycle2, Cycle3, Cycle4 and re-assessment only)

Cycle1:.....(18/11/2005) Accreditation Outcome/Result...B.....

.Cycle2:.....(dd/mm/yyyy) AccreditationOutcome/Result.....

Cycle3:..... (dd/mm/yyyy) AccreditationOutcome/Result.....

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

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

250 days

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)

190 days

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC(01/03/2006)

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

AQAR (i)(18/07/2008)

AQAR(ii)(08/09/2009)

AQAR (iii).....(16/03/2011)

AQAR (iv)(dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do Not include explanatory/descriptive information)

Annexure I: Certificate of 2(f) & 12(B)

Annexure - 1

Mr. S. Dan
REGISTRAR



The University of Burdwan
RAJBATI, BURDWAN - 713 104
WEST BENGAL, INDIA.

File NO - F-IV-2(XI) 323/252

Dated : 06.3.2009

TO WHOM IT MAY CONCERN

This is to certify that Raghunathpur College, P.O. Raghunathpur, Dist. Purulia, (W.B.) established in the year 1961, is affiliated to the University of Burdwan and the said college is included under Section 2(f) & 12(B) of the UGC Act, as entered in Sl. No. 587 vide D.O. No. F.2-6/2002(X Plan) dated 08.1.2003

[Signature]
REGISTRAR

ATTESTED
[Signature]
Principal
Raghunathpur College

[Signature]
Principal
Raghunathpur College
Raghunathpur, Purulia

ATTESTED
[Signature]
Teacher-in-Charge
Raghunathpur College

[Signature]
18/3/2013

Annexure II: Certificate of Accreditation


राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the*

Raghunathpur College
*Raghunathpur, Dist. Purulia
affiliated to University of Burdwan, West Bengal as*

Accredited
at the B level.

Date : February 02, 2006



Uravat
Director

- This certification is valid for a period of Five years with effect from February 02, 2006
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

B) CRITERION WISE INPUTS

CRITERION I

CURRICULAR ASPECTS

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 others.

The college seeks to establish itself as a centre of academic excellence where the students can avail themselves of all the opportunities of gathering knowledge from a wide range of streams and available subjects as suited to their needs, aided by latest and updated technological support and aids, developing skills of different sorts to establish themselves in different spheres and offices of the larger society. It seeks to groom the young generation of our country in different ways through different activities and enterprises so that they can not only earn a living, but be independent, enlightened and responsible individuals contributing to the welfare of the society and the country at large. It endeavours to bring out the best potentials in every student and direct him accordingly to the goal of self-actualisation. The goals of the college are to promote and encourage advancement of literary, social, cultural, political, scientific and technical education and to help the needy students of all communities including the backward communities for their advancement in studies and achievement of success in social fields.

The academic programmes offered by our college are in conformity with the declared goals of the institution. The honours courses in Bengali and English develop the literary knowledge of the students and inculcate in them a deeper, broader and more comprehensive vision of humanity and life itself. They are not only initiated to the rich literary-cultural tradition but also to the contemporary modes of literature production and consumption. The students are expected to become successful teachers of language and literature and some of them also turn out to be literary artists.

The honours courses and general courses in science subjects endeavour to enhance the ability of the students to develop logical approach and scientific outlook to life. They acquire knowledge in different science subjects. This knowledge opens up various avenues for establishing themselves not only as scientists and researchers but also as successful teachers in future. In different other spheres of life too, they can significantly contribute with their knowledge and skills.

The subjects like Sanskrit, History, Philosophy and Bengali help preserving the cultural heritage of our country. The subjects like Economics and subjects in the Commerce stream enable and encourage the students for various forms of self-employment. The study of Economics provides the students with the awareness of the economic conditions prevalent in the social milieu. Subjects like History and Political Science develop a keen perception of the socio-political and historical realities of our country, of the past as well as the present.

The vision, mission and objectives of the institution are made to percolate into the fabric of the institution in such a way that through all the curricular and extracurricular activities in the college continued throughout the year, they are constantly practiced, followed and carried into effect.

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).

For effective implementation of the curriculum, the college issues academic calendar right at the time of the admission of students. All the relevant information regarding the college and its activities are provided in the official website of the college. The master routine gets supplemented by the individual departmental routines which are provided to the students. Lesson plans are made by the departments and each day what is taught in a class is recorded and at the end of the month, progress of the syllabus is checked and plans developed accordingly. Audio-visual aids are used from time to time. Besides, throughout the year, for the all-round development of the students' abilities and for grooming of their talents with a view to positive personality development, dramatic performance, essay-writing competition, debates on various issues, cultural competitions and sports events are organized. The college has two NSS units and the programme officers initiate various projects for awareness generation among and upliftment of the common people of the locality. Other social activities are also performed, important national days celebrated, festivals organized with the purpose of the students' overall development through participation in social activities. For checking the students' academic progress, for example, two unit tests are taken by the college in a year on its own apart

from the university examinations. Class-tests are also taken.

- 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 teachers attend the meetings conducted by the affiliating university known as the Sidho-Kanho-Birsha University. They actively participate in the meetings for the framing of the syllabus for the undergraduate courses in different disciplines and subjects. The teachers of the science departments have received guidelines from the university from time to time and for the practical classes, the institution has provided them with a number of computers.

- 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 institution provides computers, audio-visual aids and equipments, maps and charts, green boards, a huge number of books in the library for the academic benefit of the students and teachers. Besides, it provides the students with a playground for outdoor games and sports, indoor games like table tennis carom boards etc., a gymnasium, a seminar hall, an auditorium for the honing of their talents in sporting, social and cultural activities.

- 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?

The institution interacts with beneficiaries like the affiliating University, the Education department of the West Bengal State Government and the University Grants Commission through fax, e-mail etc. The different financial grants related to book purchase, instrumental purchase, infrastructural development and so on and so forth received from these beneficiaries from time to time are properly utilized within the stipulated time and the utilization certificates sent accordingly. Correspondences with the affiliating university regarding the university examinations, results and all the other examination related or academically related issues are regularly made through letters, fax, e-mail etc. for the benefit of

the students. The college is not specifically linked with any industry and the connection with research bodies is beyond its periphery of activities at present as the university stipulated undergraduate courses do not require research activities as such. The Board of Research Studies of the SKBU is yet to be established. Yet, the teachers of the college remain engaged in research activities under different research bodies of different universities. Some of them are connected with the UGC through the minor research projected undertaken by them and funded by the UGC.

- 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.)

The teachers of the institution have been actively involved in the syllabus framing of the different subjects. Some of them are members of the Board of Studies for undergraduate and post graduate courses in different subjects. Student feedback is taken by some of the departments at the end of the three year degree course which offer them a scope to judge their overall performance. As the college plays an important role in regard to various aspects of the newly formed parent University, Sidho-Kanho-Birsha University, all faculties of different departments were involved in the making of the Curricular for different subjects during the year 2010-11. Prof. S. K. Chanda, Dr. A. K. Biswas, Dr. N. Kole, Dr. S. Nandy, Prof. S. Das, Prof. A. R. Santra, Prof. S. Chakrabarty,, Dr. A. K. Ganguly, Prof. S. Sarkar are the members of the Board of Studies of Sidho-Kanho-Birsha University.*

- 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.

No.

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

Meetings of the Teachers' Council are held periodically for discussion of the issues related to the curriculum implementation. Departmental meetings are held by the respective departments to further assess the progress and effectiveness of their endeavour to implement the curriculum. Moreover, there is constant supervision of the entire thing related to curriculum implementation by the members of the Internal Quality Assessment Cell of the college.

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.

In order to enable the students of the locality to develop skills that may be useful for self-employment and in different trades, two diploma courses on Masonry and Canteen Work have been done in recent times. Diploma courses in Human Rights and Blood Donation related aspects have also been run in order to promote awareness regarding important social issues.

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

Not applicable

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

- Range of Core /Elective options offered by the University and those opted by the college : It is as follows

Bachelor of Arts with Honours

Honours Subject	Elective Subjects
Bengali	Any two from History, Philosophy, English, Sanskrit, Economics
English	Any two from Bengali, History, Philosophy, Sanskrit, Economics
History	Any two from Bengali, Political Science, English, Sanskrit, Economics
Economics	Mathematics and any one from English and Political Science
Political Sc.	Any two from History, Philosophy, English,

	Sanskrit, Economics
Sanskrit	Any two from History, Philosophy, English, Economics
Sociology	Any two from History, Philosophy, English, Economics
Geography	Any two from History, Philosophy, English, Economics

Bachelor of Arts (General)

Any three elective subjects from Bengali, English, History, Economics, Philosophy, Political Science, Sanskrit, Music, Physical Education

Bachelor of Science with Honours

Honours Subject	Elective Subjects
Chemistry	Physics, Mathematics
Physics	Chemistry, Mathematics
Mathematics	Physics, Chemistry
Economics	Mathematics, Physics
Botany	Zoology, Chemistry

Bachelor of Science (General)

Elective subjects

- 1) Mathematics, Physics, Chemistry
- 2) Chemistry, Zoology, Botany

Bachelor of Commerce with Honours

Honours Subject	Elective Subjects
Accountancy	Group I, Group II, Group III

Bachelor of Commerce (General)

Group I, Group II, Group III, Group IV (as offered by the affiliating University, Sidho-Kanho-Birsha University)

- Group I : 1. Economic principles and Indian economic problem
2. Entrepreneurship Development and Business Communication
3. Business Economics

- Group II: 4. Business Laws
5. Mathematics and Statistics
6. Management theory and Practice

Group III: 7. Financial Accounting

8. Taxation

9. Cost Accounting

Group IV: 10. Accounting theory and Management Accounting

11. Advanced Accounting

12. Money and Financial system

- Choice Based Credit System and range of subject options N/A
- Courses offered in modular form N/A
- Credit transfer and accumulation facility N/A
- Lateral and vertical mobility within and across programmes and courses N/A
- Enrichment courses N/A

Bachelor of Computer Applications (self-financing)

Communicative English, Mathematics-I, II & III, Digital Logic, Software Engineering, Programming in C, Introduction to Accounting, Principles of Operating system, Database management, Data Comm., Microprocessor, C++, e-commerce, Computer Graphics, Theory of computation, Java, intelligent systems.

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 a B.C.A. course in the form of a self-financed programme. The admission is done on first come first serve basis. The students are required to have a fixed percentage of marks in Mathematics at the H.S. level. The curriculum is designed by the affiliating university. The issues like fee-structure and teacher qualification are decided following the instructions and norms of the affiliating university and the UGC. The salary of the teachers is decided by the Governing Body of the College.

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.

N/A

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?

No.

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?

N/A. The college attempts at scrupulously following the university designed curriculum and try to integrate it with its own goals and objectives.

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 courses offered are not explicitly connected with the needs of the dynamic employment market. No specific effort is made in this regard.

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?

The institution is entirely guided by University-fixed curriculum.

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

- Moral and ethical values: There are no specific value-added courses. The value-education, however, is imparted as part of the teaching process of different subjects.
- Employable and life skills: As stated above, some courses have been offered in order to help students acquire employable and life skills.
- Better career options: A Career and Counselling Cell is there in the college with teacher members which offer students guidance regarding career options and scopes in the job-market by inviting professionals from different fields for lecture.
- Communityorientation: NSS programmes are aimed at community orientation.

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

N/A

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

programmes?

The institution monitors and evaluates the quality of its enrichment programmes through written tests and viva voce at the end of a course or programme, student-teacher interaction, interaction of the students and the experts from different professional fields

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 teachers actively participate in the design and development of the curriculum prepared by the university in their capacity of being members of different undergraduate Boards of Studies and Syllabus Framing Committees.

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?

No.

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?)

During the last four years, Honours courses in Sociology, Geography, Sanskrit, Political Science and Botany have been introduced. Music and Physical Education have been introduced as General subjects. The course in B.C.A. has also been commenced. All these have been done keeping in mind the needs of the students, demands of the local people and the requirements in the employment market.

1.4.4 Any other relevant information regarding curricular aspects which the college would like to include.

Nothing special.

CRITERION II
TEACHING-LEARNING AND
EVALUATION

2.1 Student Enrolment and Profile

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

Distribution of forms are done in the College premises. The dates are declared through collegewebsite and local paper. Leaflets are distributed locally and displayed in the College notice board. After the closing date of receiving forms separate merit lists for Arts, Science and Commerce are prepared and uploaded in our website in addition to the displayed list in our college notice-board.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (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.

Admission is done on the basis of the merit (Academic record) only. A merit list is prepared on the basis of their performance in last examination, higher secondary (10+2) or any equivalent, in accordance with the policy prescribed by the State Govt. The list is displayed in the college premises and in the college website. Separate lists are prepared for B.A., B.Com and B.Sc courses, as well as for reserve communities. Date of counselling is declared through the same display process and admission is done according to the merit list and availability of seats

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.

	2009-2010		2010-2011		2011-2012		2012-2013		2013-2014	
	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%
B.A.	80.2	30.5	81.5	30.5	81.8	30.8	82.8	30	81.6	30
B.Sc	81.6	42.5	83.5	41.7	88.6	39.6	90.2	42.8	82.8	43.4
B.Com	60.2	45.8	64.2	43.8	63.8	52.8	65.8	42.4	66.6	30.1

The college has been one of the three premier, big colleges in the district of Purulia under Sidho- Kanho-Birsha University. So, in comparison with other colleges the upper limit for admission is a bit high and the lower limit is at par with other colleges.

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?

There is an Admission committee of the college. The committee meets regularly, during and after the admission to review and decide over modification where ever necessary for smooth and unambiguous admission.

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

Reservation in the admission process is done as per guideline of the state government as follows:

- * SC = 22%
- * ST = 6%
- * OBC = X
- * Women = X
- * Differently abled = 3%
- * Economically weaker sections = X
- * Minority community = X
- * Any other = X

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.

Session	2009-2010			2010-2011			2011-2012			2012-2013		
Programmes	B.A.	B.Sc	B.Com	B.A.	B.Sc	B.Com	B.A.	B.Sc	B.Com	B.A.	B.Sc	B.Com
Number of applications	1908	621	28	2036	660	55	2103	661	37	2738	661	72
Number of students admitted	924	214	09	850	201	29	1075	229	18	1239	264	41
Demand Ratio	2.065	2.90	3.01	2.40	3.28	1.90	1.96	2.88	2.05	2.20	2.53	1.75

Demand for admission increases year by year because of the increase of number of pass-outs in the higher secondary level in the surrounding areas.

2.2 Catering to Student Diversity

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

Differently able students are specially taken care of. Students and teachers help them to attend classes and collect study and reference materials. Recently the college is constructing a ramp, specially meant for them with the help of fund sanctioned by UGC. This will help them to move to upper floors of the academic campus.

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.

Before the end of the programme their knowledge are assessed through different tests and they are ranked into the categories of very poor, moderate and advanced learner and they are treated accordingly so that the best of their ability gets further flourished.

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

The teachers of various departments take extra classes for the students who are weak in respective subjects. The teachers of the departments of Physics, Chemistry and Economics teach relevant Mathematics as required by the students. Moreover the teachers provide counselling to the students related to their studies even in their library hours. The nomenclature is little bothered.

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

Raghunathpur College is a coeducational institute. The staff and students are sensitized to treat all the students equally in all academic affairs. No discrimination is encouraged or practiced in respect of gender. All the students i.e., boys and girls get equal opportunity in admission, in teaching learning process and in examinations.

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

Special care is taken for advanced learners. Good students are asked to go through advanced books, to take help of e-learning, to deliver lectures to prepare

them for seminars/symposia in their future life. They are also encouraged to write articles. They are made leaders of different teams for group discussions. Outgoing students, specially of the faculty of science, are given separate counselling for good performance in examination like JAM, ICSR, JECA etc.

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.)?

Students are assessed in their classes through interactions, class tests, unit tests and test. At first teachers individually take care of them through counselling, giving more time to them and checking their answers to possible questions. Their economic problem are discussed in the departmental meeting and they are helped economically. Finally teachers discuss about the academic performance in the teachers' council meeting and discuss the way out for further improvement.

2.3 Teaching-Learning Process

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

The college has its academic calendar published every academic year, (**Annexure 2.1**). It contains the list of teaching days, examination schedule and list of holidays. The syllabi for different years are distributed among different faculties for completion of the syllabi (**Annexure 2.2**). Teachers prepare teaching aids such as charts, maps, and diagrams with the help of some students. They utilize these charts, diagrams during teaching. Models are used in B.Sc classes. Projectors are also used whenever necessary. Unit tests for different subjects from time to time have been conducted by the departments for the evaluation of the students' progression.

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

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. It also imparts knowledge through team work at relentless efforts. It promotes the research and consultancy and develops state of art infrastructure. It promotes synergetic relationship with the industry and society to appoint well endowed faculty and to upgrade their acumen. It also

ensures timely, efficient and progressive performance of academic, administrative and financial tasks.

Following are the members of the IQAC Cell:

- | | |
|----------------------------|-------------------|
| • Prof. Samir Kr. Chanda | Teacher-in-Charge |
| • Dr. Srinibas Nandy | Convener |
| • Dr. Pradeepta Guptaray | Member |
| • Dr. Abhas Kumar Basu | Member |
| • Prof. Asit Ranjan Santra | Member |
| • Dr. Bhaskar Biswas | Member |

This cell monitors promotion, implementation and continuous improvement of innovations in Curriculum, Co-curricular and Extra-curricular activities of the institution. The IQAC works towards the enhancement of the learner's knowledge, capacity and personality. The IQAC report for the academic year from 2009 to 2013 is attached in **annexure 2.3**.

2.3.3 How is learning 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?

The college provides a well stocked library which boasts of latest books and journals which the faculty uses efficiently to provide comprehensive and latest information to the students. Students are also encouraged to use the library independently and it enhances their knowledge. Apart from it, the college provides a seminar hall where students participate in group discussions, debates and Seminars. The college also encourages the use of internet and computers by the staff and students to keep them abreast of the latest developments in their respective field of study.

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 students are advised to go through the books, journals, reviews with rational mind, to write on several aspects, to develop logical thinking. Teachers keep an eye on their students; they encourage the exceptional students to participate in different competitions, etc.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: 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 use of modern multi-media teaching aids like smart board, overhead projectors, visualizers, internet enabled computer systems are usually employed in classroom instructions as well as other student learning experiences. The students are also encouraged to use computer software packages for meaningful analyses of the experimental data collected/acquired by them.

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

Students are exposed to advanced level of knowledge through seminars arranged by different departments, some educational programmes, by e-learning, using documentaries, etc.

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 advice) provided to students?

There is a provision for counsellors/advisors for each class or group of students for academic and personal guidance. The students are divided into groups and each group is provided with counsellor/advisor to provide academic and personal guidance to the needy students. It is done at all levels of courses in all the divisions. The Teacher-in-Charge carefully monitors the regularity of attendance, participation in seminars and other activities and also the performance of the students in internal unit test/test examinations. Accordingly the students are advised to improve by way of help and remedial/corrective action. The students who seek psychological boosting or the candidates who are psycho-socially left out are given psychological counselling by the college faculty itself. To add, the college teachers really act as a true friend, philosopher and a guide for the students. Moreover, one physician, Dr. Prasanta Banerjee, president of the G.B., and one Gynaecologist, Dr. Nabanita Chakrabarty have been visiting our medical unit regularly for medical counselling.

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?

The college encourages the teachers to keep themselves abreast of the latest developments in their respective fields. They are encouraged to use computers, Internet and library resources to enrich their teaching. The college faculty is also provided training for use of computers, latest software so that they can themselves create modern teaching aids to be used in their classrooms. From time to time the college faculty adopts approaches/methods such as seminars, conferences and special lectures. The faculty members are encouraged to participate in National/International level seminars. The faculty members who attend such seminars/ conferences share their experience with students and faculty with latest information and talent developments.

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

The college has a centralized library. The library continues to provide the current awareness services in order to initiate users to the latest information in their subjective field of interest. The catalogues from different publishers are filed. Heads of departments can order for books from these catalogues. The range of subjects represented by the library collection reflects our institution's ever growing enthusiasm for newer areas of study and research. Some faculty members have their personal collection of a large number of books and they share the books and journals with the fellow colleagues and UG students round the clock. Majority of staff can efficiently use the internet and they liberally share their knowledge of innovative research topics, reviews, methodology, data gathering and information output with the learners. Students are also encouraged to make use of library services. They are provided with a student library card which enables them to get books issued from the library.

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.

This type of situation has never occurred that the faculty has not been able to complete the curriculum within the stipulated timeframe. In some such rare

cases, the faculty take additional classes to complete the curriculum before the examinations.

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

IQAC through interaction with teachers and students submit reports of the feedback to the Teacher-in-Charge. The institute through internal examinations and feedback from students and teachersevaluates the quality of teaching and learning.

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:

In general, the West Bengal College Service Commission recruits the faculties at permanent post in the collegeabiding by the UGC and State Government rules and regulations. Beside this, in order to recruit part-time and guest lecturers, the college also conducts campus interviews by advertising in the local and national newspapers. A merit list is prepared from the eligible candidates as per the guidelines issued by the parentUniversity, Sidho-Kanho-Birsha (SKB) University. Thereafter, the college applies to the affiliating university for apanel of experts to conduct the interview. This expert panel consists of thefollowing members:

- Two Subject Experts nominated by the SKB Universityalong with dept. head
- One VC Nominee
- Teacher-in-Charge of the college
- President of the College Management Committee, one GB member

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./ D.Litt.							
Ph.D.			3		5	1	9
M.Phil.						3	3

PG			3	2	5	2	12
Temporary teachers							
Ph.D.					02		02
M.Phil.							
PG					11	6	17
Part-time teachers							
Ph.D.							
M.Phil.							
PG					14	5	19

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 courses of Biotechnology and Bioinformatics are not yet available in our college but we would like to introduce these courses in future. Teachers are encouraged to participate in workshops and seminars, to upgrade their knowledge and to teach modern areas.

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

Academic Staff Development Programmes	Number of faculty Nominated			
	2009-2010	2010-2011	2011-2012	2012-2013
Refresher courses	02	01		02
HRD programmes				
Orientation programmes	01		02	03
Staff training conducted by the university				
Staff training conducted by other institutions				
Summer / winter schools, workshops, etc.	01			

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

❖ Teaching learning methods/approaches

The college organizes programmes to motivate teachers to prepare computer aided teaching/learning materials, mostly using softwares and other electronic tools. The college also supports these endeavours by providing infrastructural support. Senior teachers demonstrate for teaching concepts that involve visualizations and seminar presentations using computer and LCD projector.

❖ Handling new curriculum

Departmental teachers assess the requirements needed to handle the new curriculum. It includes books, journals, review articles, instruments (if required). Thereby they inform the TIC in this regard for its availability along with other necessary enrichment materials.

❖ Selection, development and use of enrichment materials

❖ Assessment

Suggestions to improve the academic system in Teachers' Council meeting, has been provided by the faculty through the self assessment report are taken into account by the college.

❖ Cross cutting issues

The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights etc, find an ample space when it comes to applying them positively into the curriculum. The college, at its own level and with the assistance from UGC and other bodies like State DST etc. make arrangements for seminars and conferences of national level where the experts from above mentioned fields are invited to share and deliver their experiences and knowledge.

❖ Audio Visual Aids/multimedia

Lectures are given using audio visual aids in Classrooms. Our few Departments are provided with Audio visual aids as per their requirement. We have latest Computer aided packages including projectors, computers, sound system etc.

❖ OER's

❖ Teaching learning material development, selection and use

The teachers of our institute are given free access to internet. This helps them collect learning material from the educational website. College has a well developed library which contains more than 32 thousands of books of

various subjects. Besides this the college organizes seminars and conferences which also help as a learning source for the faculty.

c) Percentage of faculty

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

10%

(Dr. N. Kole of Department of Chemistry had been invited as resource person in an Orientation programme under Burdwan University in 2009. Moreover, Dr. P. Guptaroy of Department of Physics had been invited as resource person in state and international seminars in the year 2010 and 2012 held at Raghunathpur College and at Variable Energy Cyclotron Center respectively. Prof. A. R. Santra of Department of Bengali delivered an invited talk at a National Seminar at Manbhum Mahavidyalaya in the year 2012. Prof. A. K. Ganguly delivered an invited lecture at Asansol Girls' College about "Feminist Study Andrew Marvell poem" in 2013.) Dr. Subrata Raha has been invited as resource person in several national seminars during 2012-13 academic session. Dr. B. Biswas delivered an invited lecture in a three days workshop on the eve of "*International Year of Chemistry*" in the year 2011, sponsored by State DST and held at Nistarini College, Purulia.

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

60%

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

40%

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

The institution extends full support for the professional development of the faculty. The faculties are encouraged to pursue their M. Phil. and Ph. D. through faculty development schemes. Many teachers are undergoing research work at their own cost or at cost funded by the UGC-MRP. The college grants study leave

for the research scholars whenever necessary. So many research articles are getting exposure in journals at both national and international level. Scholarly papers are presented by the teachers in seminars or conferences of national and international recognition.

2.4.5 Give the number of faculty who received awards/ recognition at the 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.

One. (Our present Teacher-in-charge has been awarded Rastriya Vidya Saraswati Purskar and International Education Excellence award.) He has been teaching in the institution for the last twenty-eight years. The learning environment of this college and the enthusiasm of the students have contributed to his achieving excellence as a teacher and in achieving this feat.

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?

No separate process of evaluation of the teachers is in vogue. But each department has undertaken students' feedback collection from the outgoing Honours students for students' appraisal of the teachers.

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?

Regular unit tests are held to assess the degree of advancement achieved by the students and the teachers take remedial steps to recuperate the lagging students from slackness, if any.

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?

No special steps have been recommended by the affiliating university. Still, teachers take class tests in addition to unit tests and Test Examination for continuous evaluation.

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?

Proper records are maintained about results of all types of tests and guardians' meeting is convened to inform them about the progress of the students.

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

For the finalization of list of sent-up candidates, performance of students in the unit tests as well as in the test examination is considered. Special coaching classes are arranged for betterment of their performance in the ensuing final examination.

2.5.5 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.

Performance of the students in the final examinations at different stages is analyzed before the students to help them recover from their deficiencies and show them how these lacunae could be overcome in the next phase.

2.5.6 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.

No separate accreditation for internal assessment is prescribed by the affiliating university at UG level of studies.

2.5.7 Does the institution and individual teachers use assessment/evaluation 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.

No such device is followed so far.

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

The college has not yet implemented Grievance Redressal System as a mechanism concerning performance appraisal process.

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?

The students get themselves aware of their result in different examinations through display both in the notice board and in departmental records. Teachers refer to these records to make the students conscious about their faults, if any.

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

Meeting of Academic Council and Teachers' Council are held to consider the performance of the students and the problems are addressed with due weight for formulation of possible policies.

2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

Career Counseling Cell arranges coaching classes for competitive examination for job. Resource person are invited for deliberation. Sufficient number of journals are purchased for preparation. B.Com(H) 3rd year students have to prepare a project for dissertation as a part of their academic curricula.

2.6.4 How does the institution collect and analyse data on student learning outcomes and use it for planning and overcoming barriers of learning?

Only internal records are resorted to for the above purpose.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes

A sustained and continuous assessment procedure is followed by each department for performance appraisal and monitoring of the students.

2.6.6 What are the graduates attributes specified by the college/affiliating university?

How does the college ensure the attainment of these by the students?

No specific attributes are stipulated for the graduates by the affiliating university.

Annexure 2.1: Academic Calendar for the year 2013-14

Month	Working Days	Sundays & Holidays	Examination & Date of Commencement of Classes
MARCH 2014	1,3,4,5,6,7,8,10,11,12,13,14,15,19,20,21,22,24,25,26,27,28,29,31 = 24	Sundays - 2,9,16,23,30 Holidays - Dol Yatra - 17th & 18th	
APRIL 2014	1,2,3,4,5,7,8,9,10,11,12,16,17,19,21,22,23,24,25,26,28,29,30 = 23	Sundays - 6,13,20,27 Holidays - Chaitra Sankranti & Bengali New Year - 14 & 15 Good Friday-18	**Part - III Final Exam. (Expected)
MAY - 2014	2,3 = 2	Sundays - 4,11,18,25 Holidays - May Day - 1st, Rabindra Jayanti - 9th Summer Recess - 5th to 31st	**Part - II Final Exam. (Expected)
JUNE - 2014	2,3,4,5,6,7,9,10,11,12,13,14,16,17,18,19,20,21,23,24,25,26,27,28,30 = 25	Sundays - 1,8,15,22,29	**Part - I Final Exam. (Expected)


* Schedule is subject to change under unavoidable circumstances.
** University Examination schedule (Final) will be notified as per University notification.

Printed by: BHABANI PAPER MART, 9651288658

RAGHUNATHPUR COLLEGE

(Govt. Sponsored)
Estd - 1961

P.O.- Raghunathpur, Dist.- Purulia
Pin- 723133
Phone : 03251-255235



Academic Calendar

For the Academic Year
2013-14

www.raghunathpurcollege.in

Month	Working Days	Sundays & Holidays	Examination & Date of Commencement of Classes
JULY 2013	1,2,3,4,5,6,9,10,11,12,13,15,16,17,18,19,20,22,23,24,25,26,27,29,30,31 = 26	Sundays - 7,14,21,28 College Foundation Day - 8th Holidays - Sabebarat - 7	
AUGUST 2013	1,2,3,5,6,7,8,10,12,13,14,19,20,21,22,23,24,26,27,29,30,31 = 22	Sundays - 4,11,18,25 Holidays - Id-UI-Fitar- 9, Independence Day - 15th, Manasa Puja-16th & 17th, Janmastami-28	
SEPTEMBER 2013	2,3,4,5,6,7,9,10,11,12,13,14,18,19,20,21,23,24,25,26,27,28,29,30 = 23	Sundays - 1,8,15,22,29 Holidays - Bhadu Puja & Viswakarma Puja - 16 & 17	
OCTOBER 2013	1,2,5,7,8 = 5	Sundays - 6,13,20,27 Holidays - Gandhi Birth Day - 2nd, Mahalaya - 4th, Puja Holiday- 9th to 31st, Id-UI-Zuha- 16	1st Unit Test (1st week)
NOVEMBER 2013	8,9,11,12,13,15,16,18,19,20,21,22,23,25,26,27,28,29,30 = 19	Sundays - 3,10,17,24 Holidays - Puja Holiday - 1st to 7th Muharram -14th, Guru Nanak Birthday - 17th	
DECEMBER 2013	2,3,4,5,6,7,9,10,11,12,13,14,16,17,18,19,20,21,23,24 = 20	Sundays - 1,8,15,22,29 Holidays - X-Mass Holidays- 25th to 31st	2nd Unit Test (1st week)
JANUARY 2014	2,3,4,6,7,8,9,10,11,13,16,17,18,20,21,22,24,25,27,28,29,30,31 = 23	Sundays - 5,12,19,26 Holidays - X-mass Holiday- 1st, Pous Parban- 14th & 15th, Fateha Doaj Daham- 14th, Netaji Birth Day- 23rd, Republic day- 26th	Part -III Test Exam (3rd Week)
FEBRUARY 2014	1,3,6,7,8,10,11,12,13,14,15,17,18,19,20,21,22,24,25,26,27,28 = 21	Sundays - 2,9,16,23 Holidays - Saraswati Puja- 4th & 5th Shivaratri - 27th	Part- I Test Exam (2nd Week) Part-II Test Exam (3rd Week)

Annexure 2.2: Distribution of Syllabi for different faculties (ex: Physics)

DEPARTMENT OF PHYSICS, RAGHUNTAHPUR COLLEGE

(1+1+1) pattern 1st Year Honours

Theory –100+50; Practical –50; Total – 200

AB	SC	PGR	MP	CPS
Paper-I <i>Mechanics: 1, 2, 3, 4, 5</i> (Newton's law, angular mom, Rigid body, central force, Non-inertial frame) Paper-I <i>Math. Methods: 4,5,6,7,8</i> (Beta Fn., Gamma fn. Diff. Eqns. Partial diff. Eqns.)	Paper-II <i>Gen. Prop. Of Matter: 1,2,3,4</i> (Gravitation, Elasticity, Surface tension, fluid motion) Paper-I Oscillation & Waves	Paper –II <i>Thermal Physics</i> (Kinetic theory, Real Gas, Blackbody radiation)	Paper-I <i>Math. Methods: 1,2,3,4,5</i> (vector + Fourier's Series, Complex+LVS+Matrix) Paper –III Practicals	Paper-II <i>Ray Optics</i> (Fermat's principle, Matrix method, Optical instruments, Fibre Optics)

(1+1+1) pattern 2nd Year Honours

Theory –150; Practical –50; Total – 200

SC	AB	PGR	MP	CPS
Paper-III <u>Physical Optics</u>	Paper-III <u>Classical MechanicsII</u>	Paper-III <u>ElectrodynamicsI</u> 1,2,3,4,5 <u>Thermal Physics-II</u>	Paper-IV <u>Electronics1:</u> 1,2,3,4,5	Paper-III <u>ElectrostaticsI</u> 1,2,3,4,5

(2+1) pattern 3rd Year Honours

Theory –100+100+100; Practical –100; Total – 400

SC	AB	PGR	MP	CPS
Paper-VI <i>Solid State PhysicsII</i>	Paper-V <i>Statistical Mechanics, Atomic Physics</i> Paper-VI <u>Quantum Mechanics</u>	Paper-V <u>ElectrodynamicsII</u> Paper-VII <u>Special Theory Of relativity, Nuclear Physics</u>	Paper –V <u>ElectronicsII</u> Paper –VI Solid State Physics: 1,2,3	-

*Practical papers are jointly taken by the faculties.

Annexure: 2.3: The detailed Annual Quality Assurance Report of the IQAC

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: Raghunathpur College

Year of the Report — 2009-2010

Part-A

IQAC of this college had drawn up plans for improvement in academic, administrative, and related subjects with an eye to establishing proper educational ambience in the college. Here we place a report on various objectives.

1) Introduction of New Courses

a) Professional Course: Honours in BCA as professional course was introduced in this academic session (2009-2010).

b) General Course General course in Physical Education was introduced in 2009-2010 session.

c) Vocational Course – No Vocational courses were introduced this year but already two STVT courses in Mason and Canteen Workers were running in the said session in the college.

2) Creation of new posts against teaching and appointment in the existing teaching posts:

— Nil

3) Appointments in non-teaching posts: One

4) Creation of new posts against teaching and non-teaching staff of the staff of the college:

— Nil

5) Extension and construction of college building

Girls' common room was constructed. Extension of Office building, repair work of roof of a portion of main, and lime tracing were done. The funds for the same were provided by the UGC for construction of Girls' common room.

Part-B

1) Activities reflecting the goals and objectives of the institution

Library has been being equipped at regular intervals with latest collection of books to cater the needs of revised syllabi.

- ❖ A multigym was installed to help stake holders develop health practices and undergo general course in Physical Education at the UG level of studies.

2) **Initiation of new academic programme in U.G. level:** Honours in BCA course was introduced.

3) **Innovations in Curricular Design and Transactions**

Framing, version, up gradation of syllabus are usually undertaken by the S.K.B. University. Teachers of our institution take part in the discussion concerned by the University to air their views related to above-stated subjects. Teaching members are shouldering significant responsibilities in this regard as members of different PG and UG councils.

4) **Interdisciplinary programme introduced-** No

5) **Examination-reform implemented:**

Unit-tests are being carried on at intervals for testing students' capabilities to face questions set up in the examination.

6) **Candidate qualified NET/ SET/ GATE (2009-10)**

Two candidates in Chemistry passing out of this college had qualified in NET and two candidates in Chemistry had qualified in GATE.

7) **Patents generated, if any:** Nil

8) **New collaborative research programmes:** Nil

9) **Research Grants received from various agencies:** Dr. B. Biswas in Chemistry, Prof. J. P. Mondal in Economics and Dr. S. Raha in Botany have been approved grants for Minor Research Project under UGC XIth Guidelines.

10) **Details of research-scholars:** Nil

11) **Citation index of Faculty and impact factor:**

12) **Honours / Awards to the faculty:** Ph.D. degree conferred to several teachers.

13) **International-resources generated:** Nil

14) **Details of departments getting SAP, COSIST (ASSIST) / DST/ FIST etc Assistance / Recognition:** Nil

15) **Community Services:** The college is continually organizing a number of outreach activities in academic, social, cultural, community service, adventure etc with a view to building a healthy society contributing to nation building. Some of the programmes undertaken by the NSS unit in our college are given below.

Session	Aids awareness	Blood Donation	Yoga Camp	Cleaniness Programme	National You th day observe	Banamohats ab	First Aid Training
2009-2010	13.03.10	04.12.09	02.01.10 to 08.01.10	23.08.09, 30.08.09 15.11.09	12.01.10	27.07.09	10.02.10

16) **Teachers and officers newly recruited:** Teachers: Nil and one office clerk was recruited

17) **Teaching and non-teaching staff ratio:** 45:23

Teaching		Non-Teaching	
Full time 27	Part-time 18	Full time 12+2	Part-time 9

18) **Improvement in Library Services**

Network research centre is under progress for better access of students and teachers. Books are being purchased from time to time. Separate library-building was constructed for the betterment of library services with separate utility boxes.

19) **New Books or Journals subscribed and their cost**

6 Journals and 1881 books have been purchased during 2009-2010 session. Rs 1,25,266.00 were spent for purchasing books & procuring journals named Desh, Down to Earth, Resonance, Current Science.

20) **Course in which student Assessment of Teachers Introduced and action taken on students' feedback.**

All the departments call for students' feedback. The submitted documents are thereby analysed by the departments. Departments have taken up action plan with an eye to students' need.

21) **Unit cost of Education:** Rs. 5000/- approximately.

22) **Computerization of Administration, The process of admission and examination results and issue of certificate:** Process of computerization to cover the above stated matters had already been completed.

23) **Increase in facilities related to infrastructure**

Extension of laboratories, construction of separate library-building, construction of 1st floor of Boys' Hostel, construction of union room, and construction of 2nd floor on BCA Dept., Stadium, Installation of Gym, and Installation of green board had been completed to provide better facilities. Ramp is under construction to provide facilities for the physically challenged students. All departments have been provided with computers, printers, scanners and Almirahs.

24) **Technology up gradation**

Network resource-centre, Smart board, LCD for the department of Botany and commerce had been installed.

25) **Computers, Internet access and training to teachers and students**

The college had applied for a national policy of Education for NET- connectivity.

26) **Financial aid to students**

Rental accommodation allowance to students funded by UGC, Scholarships to economically deprived students funded by UGC and college, scholarships to SC/ ST/ Minority students as per government provision are provided to the students.

27) Support from Alumni-Association and its activities

Contributions from Alumni on the occasion of Golden Jubilee celebration of the college are received. An effort is being made to form Alumni Association.

28) Support from Parent-Teacher Association and its activities

Departments interact with parents regarding the status of students' achievements whenever necessary.

29) Health care Services)

The College has its own medical unit. Teachers, employees, students take the facility for checking up their health status. Besides this, separate health check-up programmes, Blood donation camps, Eye treatment camps are held time to time.

30) Programme of sports-activities

31) Incentives offered to Sports-Persons for outstanding performance

Special prizes were given to students participating in sports and games activities.

32) Achievements of the students in Examination and Award offered

First Class	
B.Sc Part-III —	09
B.Com Part III	01
B.A Part III	01
BCA Part III —	NA

33) Activities of the Career Counseling Cell:

1) On 02.07.2009 a Career Counseling Programme was organized by the Sub-Divisional Information & Cultural Department of Govt. of West Bengal for the local students at the Block Development Office, Raghunathpur-I Block, Raghunathpur. Prof. A. Ghosh, member of the Career and Counseling cell of the Raghunathpur College functioned as a resource person.

2) In the month of December, 2009, UGC sanctioned Rs. 2,60,000.00 as grant-in-aid under the XI-th plan for the Career Counselingcell.

3) The total purchase of equipments and accessories according to this grant upto 23.06.2010 was worth Rs. 1,96,059.00

4) Office of the Employment Exchange provides career-related books and journals frequently.

5) Career Counseling Cell provides advices and helps in finding scope of employment opportunities from time to time.

34) **Placement Services provided to the students** —Nil

35) **Development programme for non-teaching staff** — Nil

36) **Best practices of the institution**

The college undertook several programmes on the occasion of the National Youth Day declared by the Central Govt. on 12th January, the birth day of Swami Vivekananda. It was observed with due respect. Students took part in programmes, debates, extempore-lecture, writing a subject of their own choice, music etc. Besides this, the college had invited eminent personalities in different field to deliver lectures on different topics to promote the philosophical, academic and moral values among the students.

Science exhibition, Screening of a film on the basis of a text of Rabindranath Tagore, a seminar on Dr. Mahendralal Sirkar's contribution toward science research, inter-college competition on Rabindra Sangeet, Debate, Recitation, Essay writing, Quiz competition, Award giving ceremony on cultural competitions, sports events, academic performances, organising camps by NSS, Foot ball tournament, workshop on folk-cultural and folk dance, seminar on Universe, Astronomy, Environment were organized throughout the year with an eye to around development of the students.

37) **Linkage Develop with National/ International Academic/ Research Bodies.**

Teachers in active research usually keep contact with different National, International personalities of repute for upgrading their research advancement.

.38) **Any other relevant information** —Nil

Part – C

Detailed plan of the Institution for the next year (2010-11)

1. College has taken an initiative to construct an Outdoor Stadium.
2. Construction of an Auditorium will be boost up.
3. Construction of the Cycle-stand will be completed.
4. Final ceremony of the Golden Jubilee Celebration of the college will be held with proper enthusiasm.

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: Raghunathpur College

Year of the Report — 2010-11

Part- A

IQAC of this college had drawn up plans for improvement in academic, administrative, and related subjects with an eye to establishing proper educational ambience in the college. Here we place a report on various objectives.

1) Introduction of New Courses

a) Professional Course: No professional course was introduced in this year (2010-2011).

b) General Course – General course in Music was introduced in 2010-2011.

c) Vocational Course – No Vocational courses were introduced.

2) **Creation of new posts against teaching and appointment in the existing teaching posts:** Nil

3) **Appointments in non-teaching posts:** 2

4) **Creation of new posts against teaching and non-teaching staff of the staff of the college:** Nil

5) Extension and construction of college building

Girls' common room, Students' Union room and 1st floor of Boys' Hostel were constructed. An auditorium and Cycle stand are under construction. Room for security was also constructed. Besides these one Deep Tube well was also installed. Multistation Gym funded by UGC for Sports Infrastructure Development Scheme was installed.

Funds were provided by the UGC for construction of 1st floor of the Boys' Hostel and for Girls' common room. College authority had also contributed fund for renovation of Union room and room for Security personnel.

Part B

1) Activities reflecting the goals and objectives of the institution

Library was provided with a fresh set of books for different subjects. To provide better library services to the teaching staff, non-teaching staff and students a separate library building was constructed with computer facilities.

❖ A multigym was installed to help stake holders develop health practices.

❖ Department of Music thrived to develop creative talents by conducting various programmes.

Post-Graduate studies are being provided by the Dept. of Chemistry as an extension venue of Sidho-Kanho-Birsha University, Purulia, West Bengal, up to 2012-13 academic year.

2) Initiation of new academic programme in U.G. level.

Music as a general subject was introduced in 2010-2011.

3) Innovations in Curricular Design and Transactions.

Framing, version, up gradation of syllabus are usually undertaken by the SKB University. Teachers of our institution take part in the discussion concerned by the University to air their views related to above-stated subjects.

4) Interdisciplinary programme introduced: No

5) Examinations reforms implemented:

Unit-tests are introduced for testing students' capabilities to face questions set up in the examination.

6) Candidate qualified NET/ SET/ GATE (2010-11)

Two candidates in Chemistry passing out of this college had qualified in NET and two candidates in Chemistry had qualified in GATE.

7) Patents generated, if any: Nil

8) New collaborative research programmes: Nil

9) Research Grants received from various agencies: Nil

10) Details of research-scholars: Nil

11) Citation index of Faculty and impact factor:

12) Honours / Awards to the faculty: Nil

13) International-resources generated: Nil

14) Details of departments getting SAP, COSIST (ASSIST) / DST/ FIST etc Assistance / Recognition: Nil

15) Community Services:

Session	Aids awareness	Blood Donation	Heritage Day	Cleanliness Programme	Banamohatsab	First Aid Training
2010-2011		27.09.10	18.01.11		02.09.10	10.02.11

16) Teachers and officers newly recruited

Sri Muslim Ansary as Peon and Sibdas Chatterjee were recruited as Chemistry laboratory attendant.

17) Teaching and non-teaching staff ratio: 45:19

Teaching		Non-Teaching	
Full time	Part-time	Full time	Part-time
28	17	13	6

18) Improvement in Library Services

Network research centre is under progress for better access of students and teachers. Books are being purchased from time to time. Separate library-building was constructed for the betterment of library services with separate utility boxes.

19) New Books or Journals subscribed and their cost

72 Journals and 1885 books were purchased during 2010-2011 session. Rs 2, 71,420 were spent for purchasing books. Rs. 2445/- were spent for procuring journals named Desh, Down to Earth, Resonance, Current Science.

20) Course in which student Assessment of Teachers Introduced and action taken on students' feedback.

All the departments call for students' feedback. The submitted documents are thereby analysed by the departments. Departments have taken up action plan with an eye to students' need.

21) Unit cost of Education: Rs 5600/- approximately.

22) Computerization of Administration, The process of admission examination results and issue of certificate: Process of computerization to cover the above stated matters had already been completed.

23) Increase in facilities related to infrastructure

Extension of laboratories construction of separate library-building, construction of 1st floor of Boys' Hostel, construction of students' union room, Installation of Gym, Installation of green board had been completed to provide better facilities. Beside these, services of Green Board were provided to the students by installing the same in most of the class rooms.

24) Technology up gradation

Network resource-centre, Smart board, LCD for the department of Botany had been installed.

25) Computers, Internet access and training to teachers and students

The college had applied for a national policy of Education for NET- connectivity.

26) Financial aid to students

Rural-basis accommodation allowance to students funded by UGC, Scholarships to economically deprived students funded by UGC and college, scholarships to SC/ ST/ Minority students as per government provision are provided to the students.

27) Support from Alumni-Association and its activities

Contributions from Alumni on the occasion of Golden Jubilee celebration of the college are received. An effort is being made to form Alumni Association.

28) Support from Parent-Teacher Association and its activities

Departments interact with parents in time to time regarding the status of students' achievements.

29) **Health care Services**

The College has its own medical unit. Teachers, employees, students take the facility for checking up their health status. Besides this separate Health Check-up programmes, Blood donation camps are held at regular intervals..

30) **Programme of sports-activities**

Physical education department had taken special initiatives to promote sports and games activities round the year. Annual sports held as a matter of tradition. Interclass cricket tournament was also held. Facilities for indoor and outdoor games are also extended.

31) **Incentives offered to Sports-Persons for outstanding performance**

Special prizes were given to participating students in sports and games activities. Financial aid was provided to Sri Saktipada Bauri for his outstanding performance in District, State, and National level championships programmes.

32) **Achievements of the students in Examination and Award offered**

First Class

B.Sc Part-III —	09
B.Com Part III —	01
B.A Part III —	02
BCA Part III —	NA

33) **Activities of the Career Counselling Cell:**

i) Rs. 23,642/- were spent for purchasing books, journals, for providing T.A, D.A, to resource persons.

ii) Two Lecture sessions were arranged on 28/9/2010 and 8/10/2010 by the career counseling cell. Hon'ble S.D.O of Raghunathpur Sub-division illumined the audience as Chief Guest. These two sessions had served enormous purpose for career guide.

iii) Highly furnished office of the Career Counseling Cell is kept open on Wednesday and Thursday regularly. Students usually consult several correlated books and Journals in addition to using of computers under the guidance of teachers.

iv) Office of the Employment Exchange provides career related books and journals frequently.

v) Career Counseling Cell provides advices and helps in finding scope of employment opportunities from time to time.

34) Placement Services provided to the students: Nil

35) Best practices of the institution

The college had undertaken several programmes on the occasion of the Golden Jubilee celebration. 150th birth day of Rabindranath Tagore was observed with much enthusiasm. 148th birth anniversary of Swami Vivekananda was observed with due respect. Students took part in programmes, debates, extempore-lecture, writing a subject of their own choice, music etc. Besides this college had invited eminent personalities in different field to deliver lectures on different topics to promote the philosophical, academic and moral values.

On the occasion of the Golden Jubilee Celebration of the college, the following programmes were organised.

(a) Laying the foundation stone of college auditorium, Magic show on Science affairs, Screening of a film on the basis of a text of Rabindranath Tagore, a seminar on Dr. Mahendralal Sarkar's contribution toward science research, inter-college competition on Rabindra Sangeet, Debate, Recitation, Essay write, Quiz competition, Award giving ceremony on cultural competitions, sports events academic performances, holding camps by NSS, Foot ball tournament, Reunion of alumni, workshop on folk-cultural and folk dance, seminar on Universe, Astronomy, Environment were held.

37) Linkage Develop with National/ International Academic/ Research Bodies.

Teachers in active research usually keep contact with different National, International personalities of repute for upgrading their research students.

38) Any other relevant information: Nil

Part C

Detailed plan of the Institution for the next year (2011-12)

1. College has taken an initiative to construct an Outdoor Stadium.
2. Construction of an Auditorium will be boost up.
3. Construction of the Cycle-stand will be completed.
4. Concluding ceremony of the Golden Jubilee Celebration of the college will be held with proper enthusiasm.

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: Raghunathpur College

Year of the Report — 2011-12

Part A

IQAC of this college had drawn up plans for improvement in academic, administrative, and related subjects with an eye to establishing proper educational ambience in the college. Here we place a report on various objectives.

1) Introduction of New Courses

a) Professional Courses: No professional course was introduced in this year (2011-2012)

b) General Course– Music as a general subject was introduced in 2011-2012.

c) Vocational Course – No Vocational courses were introduced

2) **Creation of new posts against teaching and appointment in the existing teaching posts:** Nil

3) **Appointments in non-teaching posts:** Nil

4) **Creation of new posts against teaching and non-teaching staff of the staff of the college:** Nil

5) **Extension and construction of college building**

A cycle stand funded by DPI, was constructed. 2nd floor of the newly constructed library was also completed. Besides this, the project which is under process was the construction of Golden Jubilee Hall, funded by partly UGC and partly DPI was under process.

Fund provided by the UGC for construction of Golden Jubilee was Rs.25 lakh & that by DPI was Rs. 50 lakh.

Part B

1) Activities reflecting the goals and objectives of the institution

Library was provided with a fresh set of books for different subjects. To provide better library services to the teaching staff, non-teaching staff and students a separate library building was constructed with computer facilities.

❖ A multigym was installed to help stake holders develop health practices.

❖ Department of Music thrived to develop creative talents by conducting various programmes. Post-Graduate studies are being provided by the Dept. of Chemistry as an extension venue of Sidho-Kanho-Birsha University, Purulia, West Bengal, up to 2012-13 academic year.

2) **Initiation of new academic programme in U.G. level.**

3) **Innovations in Curricular Design and Transactions.**

Framing, version, up gradation of syllabus are usually undertaken by S.K.B. University. Teachers of our institution take part in the discussion concerned by the University to air their views related to above-stated subjects.

4) **Interdisciplinary programme introduced:** Nil

5) **Examination-reform implemented:**

Unit-tests are introduced for testing students' capabilities to face questions set up in the examination.

6) **Candidate qualified NET/ SET/ GATE (2011-12)**

Two candidates in Chemistry passing out of this college had qualified in NET and two candidates in Chemistry had qualified in GATE.

7) **Patents generated, if any:** Nil

8) **New collaborative research programmes:** Though there is no formal agreement with industries/academic institutes/research institutes but few faculties have already been collaborated with some eminent scientists from the different corner around the world. For e.g, Dr. Bhaskar Biswas has published few scientific papers in Inorganic Chemistry in association with some eminent scientists like Prof. Hui-Lien Tsai (Twain), Prof. Timo Repo (Finland), Prof. Yann Garcia (Belgium). Some of his publications are given below:

- 1) **B. Biswas^{a*}, H.-L. Tsai^b**, N. Kole, A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride, J. Coord. Chem. 65 (2012) 2280-2293.

[a] Department of Chemistry, Raghunathpur College, Purulia 7223133

[b] Department of Chemistry, National Cheng Kung University, Tainan City, 70101, Taiwan

- 2) **B. Biswas^{a*}, T. Repo^b, H.-L. Tsai^c, Y. Garcia^d**, Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity, Eur. J. Inorg. Chem. (2012) 4479-4485.

[a] Department of Chemistry, Raghunathpur College, Purulia 7223133

[b] Department of Chemistry, Laboratory of Inorganic Chemistry, University of Helsinki, FI- 00014, Finland

[c] Department of Chemistry, National Cheng Kung University, Tainan City, 70101, Taiwan [d] Institute of Condensed Matter and Nanosciences (IMCN), Université Catholique de Louvain, 1348 Louvain-la-Neuve, Belgium

9) **Research Grants received from various agencies:** Nil

10) **Details of research-scholars:** Nil

11) **Citation index of Faculty and impact factor:** Nil

12) **Honours / Awards to the faculty:** Nil

13) **International-resources generated:** Nil

14) **Details of departments getting SAP, COSIST (ASSIST) / DST/ FIST etc Assistance / Recognition:** Nil

15) Community Services:

Session	Eye Test Camp	Blood Donation	Swami Vivekananda 150 th Birth Anniversary	Banamohatsab
2011-2012	25.08.11	29.11.11	15.02.12	21.07.11

16) Teachers and officers newly recruited: Nil**17) Teaching and non-teaching staff ratio: 47:17**

Teaching		Non-Teaching	
Full time	Part-time	Full time	Part-time
26	21	5	12

18) Improvement in Library Services

Network research centre is under progress for better access of students and teachers. Books are being purchased from time to time. Separate library-building was constructed for the betterment of library services with separate utility boxes.

19) New Books or Journals subscribed and their cost

51 Journals and 1300 books are purchased during 2011-2012 session. Rs 146027/- were spent for purchasing books. Rs. 25480/- were spent for procuring journals named Desh, Down to Earth, Resonance, Current Science.

20) Course in which student Assessment of Teachers Introduced and action taken on students' feedback.

All the departments call for students' feedback. The submitted documents are thereby analysed by the departments. Departments have taken up action plan with an eye to students' need.

21) Unit cost of Education: Rs 6000/- approximately.**22) Computerization of Administration, The process of admission and examination results and issue of certificate.**

Process of computerization to cover the above stated matters had already been completed.

23) Increase in facilities related to infrastructure**24) Technology up gradation****25) Computers, Internet access and training to teachers and students**

All depts. have been provided with computers. The college has provided NET- connectivity in the Library for the inter access to the teachers and students.

26) Financial aid to students

Rural-basis accommodation allowance to students funded by UGC, Scholarships to economically deprived students funded by UGC and college, scholarships to SC/ ST/ Minority students as per government provision are provided to the students.

27) Support from Alumni-Association and its activities

Departments interact with parents regarding the status of students' achievements whenever necessary.

28) Health care Services

The College has its own medical unit. Teachers, employees, students take the facility for checking up their health status. Besides this separate health check-up programmes, Blood donation camps, Eye treatment camps are held.

29) Programme of sports-activities

Physical education department had taken special initiatives to promote sports and games activities round the year.

30) Incentives offered to Sports-Persons for outstanding performance

Special prizes were given to participating students in sports and games activities. Financial aid was provided to Sri Saktipada Bauri for his outstanding performance in District, State, and National level championships programmes.

31) Achievements of the students in Examination and Award offered

First Class

B.Sc Part-III —12

B.Com Part III —Nil

B.A Part III — 01

BCA Part III — 11

32) Activities of the Career Counseling Cell:

1. New Office of the career counselling cell was inaugurated on 8th July, 2011 by Smt Umarani Bauri, M.L.A West Bengal state Assembly.

2. Highly furnished office of the Career Counseling Cell is kept open on Wednesday and Thursday every week. Students usually consult several career-related books and journals in addition to using computers under the guidance of teachers.

33) Placement Services provided to the students: Nil

34) Development programme for non-teaching staff: Nil

35) Best practices of the institution

The college had undertaken several programmes on the occasion of the Golden Jubilee celebration. Students took part in programmes, debates, extempore-lecture, writing a subject of their own choice, music etc. Besides this college had invited eminent personalities in different field to deliver lecturers on different topics to promote the philosophical, academic and moral values.

On the occasion of the Golden Jubilee Celebration of the college, the following programme were organized.

36) Linkage Develop with National/ International Academic/ Research Bodies.

Teachers in active research usually keep contact with different National, International personalities of repute for upgrading their research students .

37) Any other relevant information: Nil

Part C

Detailed plan of the Institution for the next year (2012-13)

1. College has taken an initiative to construct an Outdoor Stadium.
2. Construction of an Auditorium will be boost up.
3. Construction of the Cycle-stand will be completed.

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: Raghunathpur College

Year of the Report — 2012-13.

Part- A

IQAC of this college had drawn up plans for improvement in academic, administrative, and related subjects with an eye to establishing proper educational ambience in the college. Here we place a report on various objectives.

1) Introduction of New Courses

a) Professional Course: No professional course was introduced in this year (2012-2013).

b) General Course – Honours course in Sociology was introduced in 2012-2013.

c) Vocational Course – No Vocational courses were introduced.

2) Creation of new posts against teaching and appointment in the existing teaching posts: Nil

3) Appointments in non-teaching posts: Nil

4) Creation of new posts against teaching and non-teaching staff of the staff of the college: Nil

5) Extension and construction of college building

2nd floor of the BCA Building specially meant for holding classes of Geo (H) & Sociology (H) students. A stadium was also constructed. Toilet, urinals and bathroom for teaching and non-teaching staff were renovated as per requirement. A ramp also under process (funded by UGC). Funds were provided by the UGC for construction of 2nd floor on BCA. College authority had contributed fund for renovation toilets, urinal and bath-room.

Part B

1) Activities reflecting the goals and objectives of the institution

Library was provided with a fresh set of books for different subjects. To provide better library services to the teaching staff, non-teaching staff and students a separate library building was constructed with computer facilities.

Post-Graduate studies are being provided by the Dept. of Chemistry as an extension venue of Sidho-Kanho-Birsha University, Purulia, West Bengal, up to 2012-13 academic year.

2) Initiation of new academic programme in U.G. level.

i) Music & Sociology as general subjects had been introduced.

3) Innovations in Curricular Design and Transactions.

Framing, version, up gradation of syllabus are usually undertaken by the S.K.B. University. Teachers of our institution take part in the discussion concerned by the University to air their views related to above-stated subjects.

4) Interdisciplinary programme introduced. — No

5) Examination-reform implemented :

Unit-tests are introduced for testing students' capabilities to face questions set up in the examination.

6) Candidate qualified NET/ SET/ GATE (2012-13)

Two candidates in Chemistry passing out of this college had qualified in NET and two candidates in Chemistry had qualified in GATE.

10) Patents generated, if any : Nil

11) New collaborative research programmes: Dr. B. Biswas has been continuing his research investigation in collaboration with renowned scientists. The collaborative research has been also published in 2013 and publication details are as follows.

1) B. Biswas*, M. Patra, S. Dutta, M. Ganguly, N. Kole, Synthesis, structural characterization and biological activity of a trinuclear zinc(II) complex: DNA interaction study and antimicrobial activity, Journal of Chemical Sciences, 125 (2013) 1445-1453.

2) B. Biswas, M. Mitra, A. Pal, A. Basu, S. Rajalakshmi, P. Mitra, N. Aliaga-Alcalde, G. S. Kumar, B. U. Nair & R. Ghosh, DNA binding and cleavage activity of an structurally characterized oxobridged diiron(III) complex, Indian Journal of Chemistry – A, 52A (2013) 1576-1583.

3) B. Biswas*, P. Mitra, R. Ghosh, Synthesis, crystallographic characterization and DNA binding properties of a manganese(II) complex containing 1,10-phenanthroline ligand, J. Ind. Chem. Soc., 90 (2013) 1311–1317

12) Research Grants received from various agencies: Dr. P. Guptaroy, Dr. B. Biswas and Prof. J. P. Mandal have received their second UGC minor projects in 2013-2014 academic sessions.

13) Details of research-scholars: Nil

14) Citation index of Faculty and impact factor: Nil

15) Honours / Awards to the faculty: Nil

16) International-resources generated: Nil

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

18) Community Services:

Session	Aids awareness	Blood Donation	Swami Vivekananda 150 th Birth Anniversary	First Aid Training
2012-2013	01.12.12	01.12.13	05.09.12, 12.01.13	10.01.13 to 11.01.13

19) Teachers and officers newly recruited: Nil

20) Teaching and non-teaching staff ratio: 41/18

Teaching		Non-Teaching	
Full time 22	Part-time 19	Full time 12+2	Part-time 4

21) Improvement in Library Services

Network research centre is under progress for better access of students and teachers. Books are being purchased from time to time. Separate library-building was constructed for the betterment of library services with separate utility boxes.

22) New Books or Journals subscribed and their cost

95 Journals and 628 books are purchased during 2012-2013 session. Rs 126481 were spent for purchasing books. Rs 460 were spent for procuring journals named Desh, Down to Earth, Resonance, Current Science.

23) Course in which student Assessment of Teachers Introduced and action taken on students' feedback.

All the departments call for students' feedback. The submitted documents are thereby analysed by the departments. Departments have taken up action plan with an eye to students' need.

24) **Unit cost of Education:** Rs 6600/- approximately.

25) Computerization of Administration, The process of admission and examination results and issue of certificate

Process of computerization to cover the above stated matters had already been completed.

26) Increase in facilities related to infrastructure

Extension of laboratories construction of separate library-building, construction of 1st floor of Boys' Hostel, construction of union room, and construction of 2nd floor on BCA Dept, Stadium Installation of Gym, Installation of green board had been completed to provide better facilities. Ramp is under construction to provide facilities for the physically challenged students. All departments have been provided with computers, printers, scanners and Almirahs.

27) Technology up gradation

Network resource-centre, Smart board, LCD for the department of Botany had been installed.

28) Computers, Internet access and training to teachers and students

The college had applied for a national policy of Education for NET- connectivity.

29) Financial aid to students

Rental accommodation allowance to students funded by UGC, Scholarships to economically deprived students funded by UGC and college, scholarships to SC/ ST/ Minority students as per government provision are provided to the students.

30) Support from Alumni-Association and its activities

Contributions from Alumni on the occasion of Golden Jubilee celebration of the college are received. An effort is being made to form Alumni Association.

31) Support from Parent-Teacher Association and its activities

Departments interact with parents regarding the status of students' achievements whenever necessary.

32) Health care Services

The College has its own medical unit. Teachers, employees, students take the facility for checking up their health status. A special arrangement exclusively for lady students in this regard has been made. Besides this, separate health check-up programmes, Blood donation camps, Eye treatment camps are held time to time.

33) **Programme of sports-activities**

Physical education department had taken special initiatives to promote sports and games activities round the year.

34) Incentives offered to Sports-Persons for outstanding performance Special prizes were given to participating students in sports and games activities. Financial aid was provided to Sri Saktipada Bauri for his outstanding performance in District, State, and National level championships programmes.

35) **Achievements of the students in Examination and Award offered**

	First Class
B.Sc Part-III —	13
B.Com Part III —	nil
B.A Part III —	6
BCA Part III —	8

36) **Activities of the Career Counselling Cell:**

1. One Lecture session was arranged in January 2013 and the lecture was delivered by the high profile personnel of the department of Navy.

2) Highly furnished office of the Career Counseling Cell is kept open on Wednesday and Thursday every week. Students usually consult several career-related books and journals in addition to using computers under the guidance of teachers.

3) Office of the Employment Exchange Provides career-related books and journals frequently.

4) Career Counseling Cell provides advices and helps in finding scope of employment opportunities from time to time.

37) Placement Services provided to the students—Nil

38) Development programme for non-teaching staff— Nil

39) **Best practices of the institution**

Recently two UGC-sponsored National Seminars On **Swami Vivekananda** were held (23&24 September and 27&28 November 2013). Besides this college had invited eminent personalities in different field to deliver lectures on different topics to promote the philosophical, academic and moral values.

40) **Linkage Develop with National/ International Academic/ Research Bodies.**

Teachers in active research usually keep contact with different National, International personalities of repute for upgrading their research students.

41) Any other relevant information: Nil

Part – C

Detailed plan of the Institution for the next year (2013-14)

1. College has taken an initiative to complete construction work of Auditorium.
2. The plan targets at the completion the remaining portion of the construction of Ramp.
3. The plan includes the complete installation of water supply both in the canteen and Boys' Hostel.
4. The college has drawn up a plan to replace the worn out wires and necessary works of electrification of the hostel.

CRITERION III

RESEARCH, CONSULTANCY AND

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?

The college is not being a registered research centre of the affiliating university.

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.

The institute has a Research Committee to guide the students and faculty and it has following members:

Convener: Dr. Pradeepta Guptaroy (Physics)

Joint Convener: Dr. Bhaskar Biswas (Chemistry)

Member: Dr. Srinibas Nandy (Economics)

Member: Dr. Abhas Kr. Basu (Commerce)

Member: Prof. Tarun Kr. Gorai (Mathematics)

Impact of the Recommendations of Research Committee:-

- UG Department of Sanskrit, Dept. of Physics, Dept. of Botany, Dept. of Economics and Dept. of Bengali have organized UGC sponsored National level seminars during last few academic sessions.
- Department of Chemistry, Physics and Botany organized a science exhibition in the year 2011-12 (Golden Jubilee year of the college) with the active participation of the students from all the science departments..
- Dr. Bhaskar Biswas, Dr. Subrata Raha and Prof. Jyoti Prakash Mandal completed their UGC minor projects under UGC XI Plan with some valuable outcomes of their own fields. Dr. B. Biswas and Prof. J. P. Mandal have received their second UGC minor projects in 2013-2014 academic sessions. Dr. P. Guptaroy has been continuing as a Co PI in a minor project sponsored by UGC. Moreover, **Dr. B. Biswas** has received a major research project under “**Fast Track Scheme for Young Scientist**” to Department of Science and Technology (DST), India. Prof. Shampa Das, Prof. T.K. Gorai & Prof. S. Karmakar (Sinha) of the College had also applied for the funding of Research to UGC. Dr. Moumita Patra of Department of Physics has been actively engaged in research with important findings of her own field.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and

implementation of research schemes/projects?

Head of the Institution and the Governing Body always encourage faculty and students to involve in research activities. If any project is sanctioned by UGC then full support is provided to the principal investigator to implement the research scheme within the time frame work. To create the zeal among students and teachers, college has procured latest equipments, updated the library facility and subscribed to the research journals. Moreover, the departments are encouraging the faculty to promote research.

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

The institute motivates the students for higher education like post graduation, different integrated Ph.D. programmes; the staffs are always on their toes when it comes to encouraging the students to join higher education for research. To develop scientific temper and aptitude, the departments organize departmental seminars for the final year students of the departments to interact with the eminent researcher of different University and Institute. Various departments of the college also organize National level UGC and other funding agency sponsored seminars to create curiosity among the students and to get a chance to meet with the distinguished persons of the related area.

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.

Most of the faculty members are involved in research activity at their own level. Faculty members from the Science, Arts and Commerce discipline have made their mark by completing their research attaining Ph.D degree while in service. Our ten faculty members are now involved in the research and pursuing their Ph.D from different universities. Teachers from the Department of Chemistry, Dept. of Physics, Dept. of Botany, Dept. of Mathematics, Dept. of Economics, Dept. of English, Dept. of Bengali, Dept. of Philosophy, Dept. of History, and Dept. of Commerce, have done a commendable research work in their own fields. A list of publications, seminars attended by the different teachers have been annexed in Annexure 3.

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 imbibing research culture among the staff and students.

Following seminars/ Lectures were organized by the various departments during last few sessions [**Annexure: 3.1**]

- Teachers' Council of this college had organised a two-day UGC-sponsored national seminar on "Swami Vivekananda Role Model of India" on 27-28 Nov., 2013.
- U.G. Department of Sanskrit organized a UGC sponsored national level seminar on the topic of "*Reflection of Vedantic Thoughts in Swami Vivekananda*" on and from 23rd to 24th Aug, 2013.
- Department of Physics organized a UGC sponsored national level seminar entitled "*Future of Civilization: Recent trends in energy research*" on 29th – 30th September, 2011.
- Department of Botany organized a UGC sponsored national level seminar entitled "*Recent Trend in Herbal Research*" on and from 7th – 8th January, 2011.
- Department of History organized a UGC sponsored statel level seminar entitled "*The National Science Movement of 19th Century Bengal: Mahendralal Sirkar and Others*" on 25th Nov., 2011.
- Department of Economics and Political Science organized a seminar on the topic "*Human Rights*" on 4th September, 2009.
- Department of Chemistry has submitted a proposal for a national Seminar entitled "*Recent Advances in Chemistry: Challenges and Opportunities*" to UGC.

3.1.7 Provide details of prioritised research areas and the expertise available with the institution.

As stated earlier, we do not have any research centre but our faculty members are actively involved in the research at individual/collaborative level. Following is the details of publications of different faculty members which clearly state the area of research (**Annexure: 3.2**)

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

The college is not a registered research centre of the affiliating university. Despite the unavailability of a research centre, the faculty keeps on inviting experts on various subjects to deliver guest lectures to the students of both UG and PG level. The institute invites eminent personalities to visit campus in such a way that overall awareness of each student takes place. Our faculties have some collaborative works with other National Institutes; some of the collaborators visit this college and motivate students and teachers to some extent.

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?

Around 20% of the faculty had utilized Sabbatical Leave for research activities.

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 elsewhere to students and community (lab to land)

The awareness about the advance research available at institute level, university and college level is shared among the students and persons from all walks of life. The practical work or software development is demonstrated before the students and students are advised to check its practical applicability in market and in daily life. Some students respond well and the final shape is given to the desired model and teacher in-charge monitors all the activities of new basic research.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The College doesn't have any provision to provide fund to the faculty for research.

3.2.2 Is there a 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?

Not applicable.

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

As per University Syllabi or curriculum, no degree program includes any research work/project; hence, there is no need to provide any financial support to the students for research project. However, in the Department of Computer Applications curricula, a project has to be allotted for each student. But, this bachelor programme is a self financing course. So there is no need for financial support.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Basically, this college is an under-graduate college, and there is no provision for interdisciplinary research works. However, to originate research aptitude in the students, institute takes several initiatives like interdisciplinary seminars on topical issues in Physics, Chemistry, Botany and Zoology. Faculty of Arts/Commerce also takes several initiatives in these directions and the faculties of different departments have been trying to organise research. Moreover, very recently, the department of chemistry and physics jointly have been trying to perform an experimental research project in material science.

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

Library facilities of this college encourage/ motivate the staff and students to take a forward step to pursue research in their relevant field/interests. The Institute has a well stocked library which includes latest syllabi as well as reference books of all relevant subjects and disciplines. Only last year college purchased new books worth Rs. three lacs. Research facilities, in a limited sense, are available in most departments. Internet connectivity has also been provided to UGC Network Resource Center. Institute also ensures that the deserving students should be facilitated to use the equipments, books, Journals.

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

To update and to purchase some research equipments, the UGC has sanctioned Rs. 25 lacs to purchase the equipments especially for the science department as "Additional Assistance Grant". The gadgets and equipments like UV-Vis

spectrophotometer, smart board, visualizer, audio systems and LCD projectors are utilized by the faculties as well as students.

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

Please see Annexure: 3.3

3.3 Research Facilities

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

As mentioned earlier, we are an under graduate college and it doesn't carry any advance research component. But, during last few academic years there is significant enhancement of research activity. Recently, Dr. B. Biswas of department of Chemistry, has achieved a major project under “**FastTrack Scheme for Young Scientist**” by Department of Science and Technology (DST), Govt. of India and hence he is ready to enrol a research scholar under Sidho-Kanho-Birsha University (SKB) University in Chemical Sciences. Following are the lists of major equipments in the college:-

List of the Major Equipments in the Department of Chemistry

Sl. No.	Name of the equipment / Facility
1	UV-vis Spectrophotometer
2	Digital balance (0.1 mg accuracy), Analytical balance
3	Temp. controlled waterbath
4	Hot-air oven
5	Distillation plant
6	Colorimeter, pH meter, conductivity meter, Polarimeter
7	Kipp apparatus
8	Suction pump
9	Magnetic stirrer
10	Heating mantle

List of the Major Equipments in the Department of Physics

Sl. No.	Name of the equipment / Facility
1.	Telescope
2.	Hall Probe
3.	CRO
4.	Computers
5.	Source Meter (a.c. & d.c.)

List of the Major Equipments in the Department of Botany/Zoology

Sl. No.	Name of the equipment / Facility
1.	Microscope
2.	Laminar Flow
3.	Visualizer
4.	Projector
5.	Computer

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?

There are no such institutional strategies till date.

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.

See Annexure 3.3

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

Not Applicable

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

Our library has been well organized and has journal facilities. The library consists of 35000 books. The library has been registered by INFLIBNET center. Being one of the oldest libraries in the region, the students and researchers within the region make use of this facility. Moreover, there is a Network Resource Centre with internet facility.

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

Not Applicable.

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) - Nil
- * Original research contributing to product improvement -
- * Research studies or surveys benefiting the community or improving the Services

Dr. B. Biswas has been continuing his research to synthesis new inorganic compounds with biological significance. He has already been investigated cytotoxic effect of some cobalt and zinc complexes, which in future may be used as clinical agents for cancerous cell. Thus the availability and lower cost of metal based therapeutic agents may create a huge interest in the common people.

- * Research inputs contributing to new initiatives and social development

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

3.4.3 Give details of publications by the faculty and students:

- * Publication per faculty (**See Annexure 3.2**)
- * Number of papers published by faculty and students in peer reviewed journals (national / international) (**See Annexure 3.2**)
- * 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.) (**See Annexure 3.2**)

- * Monographs: Nil
- * Chapter in Books: (**See Annexure 3.2**)
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers: two (ISBN: 978-81-925299-1-2 and 978-81-9252997-4) from SPS Education India Pvt. Ltd.
- * Citation Index (**See Annexure 3.2**)
- * SNIP
- * SJR
- * Impact factor (**See Annexure 3.2**)
- * h-index (**See Annexure 3.2**)

3.4.4 Provide details (if any) of

- * research awards received by the faculty : Nil
- * recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally: Nil
- * incentives given to faculty for receiving state, national and international recognitions for research contributions.: Nil

3.5 Consultancy

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

Nil.

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

Nil

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

The Institute makes every effort to encourage the staff for utilization of all human resources, intellect and available facility in the campus to promote liaison with industries/companies. The college motivates the professionally qualified faculty to utilize their expertise for consultancy services with the permission of the

institute. This helps in promoting liaison with industry/ companies. In return, the students get an opportunity to visit these companies and the placement process is, thus, facilitated.

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

The Consultancy is provided by the college faculty only on the needless basis and no revenue is generated from the same.

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 in the previous point 3.5.4, the Consultancy is provided by the college faculty only on the gratuitous basis and no revenue is generated from the same.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The College has always felt concerned about the increasing access of students from various sections of the society to higher education. By providing reservations, financial aids, scholarships and relaxation in qualifications for socially backward classes, the college has registered significant increase in students' social participation during last few years. The college aims to achieve its goal of providing higher education to create just, plural and equitable society in consonance with constitutional values. The major strength of this college is its ability to ensure holistic development of students to make them enlightened citizens. The college is an 'equal opportunity' institution established to provide knowledge and quality education to all sections of society. It aims to maintain modern outlook with contemporary developments without compromising moral values. To provide knowledge and quality based education to the students by inculcating moral values, scientific temper and employing state of the art technologies. It aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges. The institute is conscious of its role in campus-community

connection, wellbeing of its neighbourhood and has initiated a number of community development activities. These include:

- Organizing regular blood donation camps and blood donation on life saving emergency call
- Involvement of the faculty, student and also neighbouring institute for raising various charity activities and relief funds during natural calamities.
- Letting the college playground to neighbouring communities on weekend, conducting flag hoisting at national festival by local government.
- Organizing NSS camp with the assistance of NSS department of SKB University, Purulia.
- Under Health & hygiene Program of the institute, cleaning and sanitizing around railways station, Bus stand and Hospitals by NSS unit (**Annexures 3.4 and 3.5**)

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

The institute is committed to attract students for participating in various social activities by ensuring consistent encouragement and motivation. The institute has motivated the students to maintain plastic free campus by banning the use of plastic in the campus through which students imbibe to ownership and qualities of responsibilities.

- ❖ Environment Awareness campaign is conducted by NSS unit every year.
- ❖ Need-based extension activities are conducted through different associations/committees and NSS
- ❖ Health check-up camps are organized for locals.
- ❖ Considering the importance of computer knowledge in this era of computerization we provide easy and cheap access to computer education to our support staff and their families.
- ❖ Meditation program and health related programs like yoga and art of living activities are also organized and maximum students join these events.
- ❖ Human rights awareness campaign is conducted by NSS unit every year
- ❖ Awareness of AIDS is also organized by the institute.
- ❖ Yoga Camp

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

The goals and objectives of the College are prominently displayed in the Information Bulletin given to the students at the time of admission. The College web site provides adequate space for these goals. They find place in all the offices of the college, library and other major buildings of the college. Immediately after admission the students are made aware of these goals and objectives. The institute has evolved a stakeholders' web by forming different platform like Research Committee, Alumni, Eco Club and Science Club with a fair representation of Students. The IQAC in the planning process considers feedback collected from the entire stakeholder to prepare perspective on development. These developments prospective will be discussed in the respective committee. The reflection off the meeting will be incorporated in the plan. The management has developed evaluation tools for stakeholders to record their opinion, suggestions and objection for constructive developments for future. Institute is highly concerned with its stakeholder i.e. includes students, parents, staff, alumni.

Students:

- We value the opinions and needs of our students.
- One students of each Class is nominated as Representative. He/She communicates students' requirements and problems to the respective teacher/ head of department/ Principal.
- Suggestion / Complaint box is placed at various places on the campus which are accessible to students.
- Students have the freedom to approach the Principal during working hours without prior appointment.

Parents:

- Teacher/ head of department/ Principal interact with guardians regularly.
- They are informed about their wards academic performance and attendance records through meetings, letters and phone calls.
- Direct interaction of the guardians with the H.O.D. is also encouraged.
- Opinion of parents is considered with respect to various aspects such as planning of industrial visits, cultural programmes etc. are valued.
- Parents of any student are allowed to meet the teachers, Coordinators and Principal on any day of the week at any time to make any suggestions or complaints.

Staff:

- We have regular staff meetings to keep the staff updated about changes and developments of the institute.
- Most of the decisions are taken only after consultation with the staff during staff meeting.

Alumni:

- We have constituted an alumni Association. The association organizes meetings and has regular formal and informal interactions wherein any alumnus is free to give their suggestions
- 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 their impact on the overall development of students.

The college is continually organizing a number of outreach activities which relate to academic, social, cultural, community service, adventure etc and all culminating in building a healthy society contributing to nation building The National Service Scheme (NSS) of this college has adopted two of the nearby villages viz., Bhogaipur and Dalan Danga . The NSS unit has conducted several blood donation camps, awareness programmes and tree plantations. The expenditures for the same are generally borne by NSS unit but over and above if need arise; it is reimbursed by college. In the past 4 years the following extension and outreach programmes have been conducted by the college: (**Annexure 3.5**).

- 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 college undertakes wide spread cross-curricular enrichment activities through NSS and other forms of community development activities. During admission and orientation, the representatives of these units apprise students on the benefits and scope of the extension activities. The detail of the program is displayed on the notice board and an interaction of students is organized with NSS officer of the college.

- 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 institute has made a conscious effort to promote social justice as a value in learning process and administrative interactions. The institution sincerely practices state social affirmative schemes introduced by the government for the upliftment of higher education to under privileged communities. The college NSS unit has been organizing socio-benefited programmes in 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.

Objectives

The college is an 'equal opportunity' institution established to provide knowledge and quality education to all sections of society. It aims to maintain modern outlook with contemporary developments without compromising moral values. To provide knowledge and quality based education to the students by inculcating moral values, scientific temper and employing state of the art technologies. It aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges.

Outcomes

The result of the participation in the various socially relevant activities by the students have been spreading awareness in the institution and motivating other students as well to stand tall for the cause of social upliftment.

- 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 encourage community participation in its activities?

The institution is roping in communities to actively participate in all the extension activities. This has contributed to both community- institution networking and development of institutions.

- 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.

The institution has constructive relationships with other institutions of the locality. The blood donation camps are organized with the help of Govt. hospitals and the NSS department co-ordinates all its activities under the norms of the University. The unit organizes tree plantation, village cleanliness, Awareness activities like, Environment Pollution, AIDs prevention etc.

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.

- * Prof. Samir Kr. Chanda, Teacher-in-Charge, Raghunathpur College was awarded **Rastriya Vidya Saraswati Puruskar** by International Institute of Education and Management, New Delhi for outstanding achievements in the field of Education.
- * Prof. Samir Kr. Chanda, Teacher-in-Charge, Raghunathpur College was awarded **Certificate of Education Excellence** by Indian Solidarity Council in association with G.A.F for individual excellence in recognition of Sterling merit – excellent performance and outstanding contribution for the progress of the nation and worldwide.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

As it has been stated earlier, the college has been running UG level for a longtime. Hence the research activities at the students' level are not undertaken because the research is not a part of the curriculum. But in the recent years (From 2011 to 2013) that the University introduced the PG course in Chemistry in the Department of Chemistry as the venue of SKB University.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

Nil

3.7.3 Give details (if any) on the industry-institution-community interactions that have

contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

Interaction with eminent personalities from various reputed universities and research institutes is very useful for the creation of establishing better academic facilities for staff and students. The labs are being upgraded for the upkeep of latest advances in chemical and biological sciences, electronic equipments, computers etc.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

The following Resource Persons have attended different seminars/ Lectures which were organized by the various departments during last few sessions: Please see **annexure 3.6**

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training
- c) Summer placement
- d) Faculty exchange and professional development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

The college has been running UG level for a long time. PG course in Chemistry had been introduced in our college premises from September 2011 and Dept. of Chemistry has been treated as the venue of SKB University. The research activities at the students' level are not implemented because the research is not a

part of the curriculum. And this is the major reason why the college has not been involved in the signing of any MoUs or formal agreements that could help facilitate any of the above mentioned requirements.

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.

Though there is no formal agreement with industries/academic institutes/research institutes but few faculties have already collaborated with some eminent scientists from the different corner around the world. For e.g, Dr. Bhaskar Biswas has published few scientific papers in Inorganic Chemistry in association with some eminent scientists like Prof. Hui-Lien Tsai (Twain), Prof. Timo Repo (Finland), Prof. Yann Garcia (Belgium). Some of his publications are given below:

- 3) **B. Biswas^{a*}, H.-L. Tsai^b, N. Kole^a**, A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride, J. Coord. Chem. 65 (2012) 2280-2293.

[a] Department of Chemistry, Raghunathpur College, Purulia 7223133

[b] Department of Chemistry, National Cheng Kung University, Tainan City, 70101, Taiwan

- 4) **B. Biswas^{a*}, T. Repo^b, H.-L. Tsai^c, Y. Garcia^d and N. Kole**, Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity, Eur. J. Inorg. Chem. (2012) 4479-4485.

[a] Department of Chemistry, Raghunathpur College, Purulia 7223133

[b] Department of Chemistry, Laboratory of Inorganic Chemistry, University of Helsinki, FI-00014, Finland

[c] Department of Chemistry, National Cheng Kung University, Tainan City, 70101, Taiwan [d] Institute of Condensed Matter and Nanosciences (IMCN), Université Catholique de Louvain, 1348 Louvain-la-Neuve, Belgium

Annexure 3.1: UGC- Sponsored National seminars organized by the college



Annexure 3.2: Research Publications of Different Teachers of the College

Details of publications by the faculty

A. Published in Referred journal

1) Dr. Srinibas Nandy, Associate Professor, Dept. of Economics

- i) Bharat Basir Durdasha Mochane Arthanitir Bhabnaya Swami Vivekananda, Panchokotessays, Vol. 4, No. 1, Page 101.
- ii) Sardha Sata Barshe Swami Vivekananda O Bharatiya ir Maryda Narir Maryada, Bahu Matrik Vivekananda : Bartaman Prasangikata, ISBN No. 978-81-921697-5-0, 2013, Page 190.

2) Dr. Pradeepta Guptaroy, Associate Professor, Dept. of Physics

- i) শিক্ষাবিদ নীলরতন সরকার, ১(১৩), ২৬-৩২ (১ জুলাই, ২০১৩), আ-রকরকম, WBBEN/2013/49896, Single author
- ii) Direct Photon Production at RHIC and LHC-energies: Measured Data Versus a Model ,30(6), 062502, (2013), *Chinese Physics Letters*, ISSN: 0256-307X, Correspondence and first author
- iii) ঈশ্বর কণা বা হিগস -বাসন, ৬৬ (৫), ২৪৬-২৫১ (২০১৩), জ্ঞান ও বিজ্ঞান,, R.N. 8659/57, Single author
- iv) Production of J/Ψ -Particles at RHIC and LHC energies: An Alternative 'Psi'-chology, 2, 19-26 (2012), *Open Journal of Microphysics*, ISSN: 2162-2450, Correspondence and first author
- iv) রবীন্দ্রনাথ ঠাকুর, প্রফুল্ল চন্দ্র রায়, নীলরতন সরকার: ব্রাহ্মসমা-জর সা-থ সম্পর্ক, ৪৬ (৩), ৭৯-৮৪ (২০১২), অনুষ্ঠাপ, ISSN No.:0974-2697, Single author
- v) বঙ্গভঙ্গ বিরোধী আন্দোলন -- রবীন্দ্রনাথ, প্রফুল্লচন্দ্র এবং নীলরতন, ৩২(১), ৩১-৩৫(জানুয়ারী-মার্চ, ২০১২), উৎস মানুষ, ISSN: 0971-5800, Single author
- vi) On Production of Hadrons in Proton-Proton Collisions at RHIC and LHC Energies and an Approach ,3, 116-123 (2012) , *Journal of Modern Physics*, ISSN: 2153-1196, first author
- vii) Ansatzs, Assumptions and Production of J/Ψ-Particles: A Non-Charmed Approach vs. the Charmed Ones ,29(2), 022501 (2012), *Chinese. Physics Letters*, ISSN: 0256-307X, first author
- viii) মহেন্দ্রলাল সরকার, সমকালীন বিজ্ঞানচর্চা ও ভারতবর্ষীয় বিজ্ঞানসভা: কিছু কথা, কিছু তাবনা, ৪৫ (৩), ৪৩-৫৫ (২০১১), অনুষ্ঠাপ, ISSN No.:0974-2697, Single author
- ix) Rapidity Spectra of Heavy Baryons in Nuclear Collisions at Various Energies : A Systematic Approach,125, 1379 (2010), *IL Nuovo CimentoB*, ISSN: 2037-4895, first author
- x) Understanding the Characteristics of Multiple Production of Light Hadrons in Cu+Cu Interactions at Various RHIC Energies – A Model-based Analysis ,125, 1071-1097(2010), *IL Nuovo Cimento B*, ISSN: 2037-4895
- xi) Understanding the New High Energy Data-sets Measured by BESS, CAPRICE and PAMELA on Antiproton Flux and \bar{p}/p Ratios,124, 753(2009), *IL Nuovo Cimento B*, ISSN: 2037-4895.
- xii) Analysing J/Ψ Production in Various RHIC Interactions with a Version of Sequential Chain Model (SCM), 32, 95(2009), *Hadronic Journal*, ISSN: 1450-216X, first author.

xiii) Physics Of Particle Collisions At High Energies: Limits To Phenomenology, Part 3, **87**, 135-150 (2009),
Canadian J. of Phys. ISSN : 0008-4204

3) Supriya Chakraborty, Associate Professor, Dept. of Commerce

i) Reference of silk in some selected Sanskrit literature, *Panchokotessays*, ISSN 0976 4968, vol 4, no 2, 2013, P 102-110 (Co-author)

4) Dr. Ashish Ganguly, Assistant Professor, Dept. of English

i) Re-writing Africa: Modes of Resistance in Chinua Achebe's *Things Fall Apart* Page. 5-12, *The Aesthetica*, Vol I, Issue I, Autumn 2012, ISSN 2278-2990, First Author

5) Dr. Abhas Kumar Basu, Assistant Professor, Dept. of Commerce

i) Capital Employed Leverage-A Tool for Efficient Capital Management, *The Management Accountant*, ISSN 0972-3528, First & Sole Author

ii) Ethical Decision Making-A Utilitarian Approach, *AJRSH*, ISSN 2249-7315, First Author

iii) Value Added & Profitability-Role of Human Resource (Accepted), *Great Lakes*, ISBN/ISSN-0973-9017, First Author

iv) Honour Killings, UGC Sponsored National Seminar on HR & HD, ISBN-78-81-923765-1-6, First & Sole Author

6) Jyoti Prakash Mandal, Assistant Professor, Dept. of Economics

i) ANALYSIS OF LAC INDUSTRY IN PURULIA DISTRICT UNDER THE PERSPECTIVE OF INCLUSIVE GROWTH, *J. ENVION. & SOCIOBIOL.* (ACCEPTED)

7) Tarun Kr. Garai, Assistant Professor, Dept. of Mathematics

i) "Analysing J/ψ Production In Various RHIC Interactions with A Version of Sequential Chain Model (SCM)" **32**, 95-124 (2009), *Hadronic Journal*, ISSN: 0162-5519, Co-author

ii) "On Laplace Continuity". 37(2). 2011/2012 279-290, *Real Analysis Exchange*, ISSN: 0147-1937, First Author

iii) Convexity Conditions For Approximate Generalized Riemann Derivable Functions, accepted, *Indian Journal of Mathematics*, ISSN: 0019-5324, First Author

8) Dr. Bhaskar Biswas, Assistant Professor, Dept. of Chemistry

i) Synthesis, structural characterization, luminescence properties and bio-catalytic activity of a trinuclear zinc-Schiff base complex, *Journal of Chemical Sciences*, 2014 *in communicated*. **(Corresponding Author)**.

ii) Synthesis and spectroscopic characterization of a dinuclear nickel complex: A bio-relevant catalyst and its reactivity, *J. Ind. Chem. Soc.*, 2014, *in press*, **(Corresponding Author)**.

iii) Synthesis, structural systematics and properties of some transition metal complexes with 4,5-diazafluoren-9-one as ligand backbone, *Journal of Chemical Sciences*, 2014 *in press*.

iv) Assembly of an undecametallic iron(III) complex on ligand template: catecholase activity, *Polyhedron*, 2014, *communicated*, **(Co- Author)**.

- v) A square planar copper(II) complex with (N²,O²) Schiff base: Synthesis, crystal structure, DNA interaction and Catecholase activity, J. Ind. Chem. Soc., 2014, *communicated*, **(Corresponding Author)**.
- vi) Integrative effect of magnesium sulphate on the growth of flowers and grain yield of paddy: A Chemist's perspective, RASĀYAN J. Chem., 6 (2013) 300-302 **(Corresponding Author)**.
- vii) Synthesis and spectroscopic characterization of an octahedral cobalt(II) complex containing a neutral N⁶ Schiff base: DNA binding, DNA cleavage and antimicrobial activity, New Opportunities and Challenges in Microbial Research, 2013. **(Corresponding Author)**
- viii) Synthesis, structural characterization and biological activity of a trinuclear zinc(II) complex: DNA interaction study and antimicrobial activity, J. Chem. Sci., 125 (2013) 1445-1453. **(Corresponding Author)**
- ix) DNA binding and cleavage activity of an structurally characterized oxobridged diiron(III) complex, Ind. J. Chem. A, 52A (2013) 1576-1583. **(Co- Author)**.
- x) crystallographic characterization and DNA binding properties of a manganese(II) complex containing 1,10-phenanthroline ligand, J. Ind. Chem. Soc., 90 (2013) 1311–1317 **(Corresponding Author)**.
- xi) Synthesis, X-ray structure and DNA binding of a mononuclear iron(II) Schiff base complex, J. Chem. Sci. 125 (2013) 1161-1168. **(Co- Author)**.
- xii) One dimensional coordination polymer of cadmium(II) with thiocyanate bridge: synthesis, characterization and properties, J. Ind. Chem. Soc. 90 (2013) 801–805. **(Co- Author)**.
- xiii) Response to the Comment on “Crystallographic Space Group Choice and its Chemical Consequences: Revised Crystal Structure of [Fe(phen)₂Cl₂](NO₃)” Eur. J. Inorg. Chem. (2013) 2470-2472. **(Corresponding Author)**
- xiv) DNA binding property of an one dimensional copper(II) complex: A greener aspect, Green Chemistry and sustainable agriculture practices: A step towards better future, (2013). **(Corresponding Author)**.
- xv) Synthesis, X-ray structural and magnetic characterizations, and epoxidation activity of a new bis(μ-acetato)(μ-alkoxo)dinuclear iron(III) complex, Polyhedron, 53 (2013) 264–268. **(1st Author)**.
- xvi) Synthesis, spectroscopic and crystallographic characterizations of an antiferromagnetically coupled oxobridged trinuclear manganese(IV) cluster [Mn₃O₄(H₂O)₂(phen)₄](NO₃)₄·3H₂O [phen = 1,10-phenanthroline], J. Coord. Chem. 65 (2012) 4067-4076. **(1st Author)**.
- xvii) Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity, Eur. J. Inorg. Chem. (2012) 4479-4485. **(Corresponding Author)** (Among the top 20 articles).
- xviii) A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride, J. Coord. Chem. 65 (2012) 2280-2293. **(Corresponding Author)**
- xix) Copper(II) complexes with neutral Schiff bases: Syntheses, crystal structures and DNA interactions, Polyhedron 31 (2012) 671–675. **(1st Author)**.
- xx) An antiferromagnetically coupled dimeric Ni(II) complex anion and its counter cationic monomeric Ni(II) complex, and some other mononuclear transition metal compounds using some neutral ligands, Polyhedron 30 (2011) 2032-2037. **(1st Author)**.

xxi) Syntheses, crystal structures and properties of a new family of isostructural and isomorphous compounds of type $[M(L)(NCS)_3]$ [$M = La, Gd, Tb$ and Dy ; $L =$ a neutral hexadentate Schiff base], *Polyhedron*, 29 (2010) 2716-2721. (1st Author).

9) Sohini Karmakar (Sinha), Assistant Professor, Dept. of History

- i) ঔপনি-বর্ষিক যুগ ভদ্রমহিলা ও অর্থনৈতিক স্বনির্ভরতা প্রসঙ্গ (ইতিহাস অনুসন্ধান), পশ্চিমবঙ্গ ইতিহাস সংসদ (২০১০), Single Author
- ii) স্বাধীনোত্তর পর্বে চাকুরিজীবী মেয়ে- উপস্থাপনায় মহিলা সম্পাদিত পত্রিকা, পশ্চিমবঙ্গ ইতিহাস সংসদ (২০১৩), 978-81-910874-3-7, Single Author

10) Somnath Karmakar, Assistant Professor, Dept. of Chemistry

- i) Graph Theoretical Solutions for the Coupled Kinetic Rate Equations, (accepted, DOI: 10.1021/jp4109865) in press (2014, 118, 1155-1161), *J. Phys. Chem A, ACS Publications*, ISSN: 1089-5639(print) 1520-5215(web), first author
- ii) Eigensolutions of Dodecahedron Graphs, (accepted, DOI: 10.1016/j.cplett.2014.01.020) in press (2014, 594, 41-46), *Chem. Phys. Lett.*, ELSEVIER, ISSN: 0009-2614, Co- author
- iii) Cardinalities of Poly(*p*-Phenylene) Graphs (accepted, DOI:10.1080/00268976.2014.901571) in press *Molecular Physics* Taylor & Francis, ISSN: 0026-8976 (Print), 1362-3028 (Online), Co-author
- iv) Schematic generation of characteristic polynomials and the Hosoya indices of mono- and di-substituted polymer graphs of linear chains and cycles, (accepted , 2014) in press, *J. Indian Chem. Soc.*, Indian Chemical Society, ISSN:0019-4522, Co-author
- v) Matrix product forms for the characteristic polynomial coefficients of poly(*p*-phenylene) graphs (submitted), *J. Indian Chem. Soc.*, ISSN:0019-4522, Co-author

11) Dr. Moumita Patra, Assistant Professor, Dept. of Physics

- i) Grain size effect on the magnetic cluster glass properties of $La_{0.88}Sr_{0.12}CoO_3$, *Journal of Physics: Condensed Matter* 22(2010), 116001, 0953-8984 (print) 1361-648X (web), 1st Author
- ii) Anomalous magnetic field dependence of magnetocaloric effect at low temperature in $Pr_{0.52}Sr_{0.48}MnO_3$ single crystal, *Journal of applied physics* 107 (2010), 076101, 0021-8979(print) 1089-7550(web), 1st Author
- iii) Cluster-glass-like state and exchange bias effect in spontaneously phase separated, $Pr_{0.7}Sr_{0.3}CoO_3$, *Journal of applied physics* 107 (2010), 076101, 0021-8979(print) 1089-7550(web), Co-Author
- iv) Exchange bias effect in alloys and compounds (Review), *Journal of Physics: Condensed Matter* 23(2011), 073201, 0953-8984 (print) 1361-648X (web), Co-Author
- v) Anisotropic Magnetocaloric Effect in Single-crystalline $Pr_{0.52}Sr_{0.48}MnO_3$, *Journal of superconductivity and novel magnetism* 24 (2011), 775-777, 1st Author
- vi) Magnetocaloric effect in RAI_2 ($R = Nd, Sm$, and Tm): Promising for cryogenic refrigeration close to liquid helium temperature, *Journal of Alloys and Compounds* 531(2012), 55, 0925-8388, 1st Author
- vii) Glassy magnetic phase driven by short-range charge and magnetic ordering in nanocrystalline $La_{1/3}Sr_{2/3}FeO_{3-\delta}$: Magnetization, Mössbauer, and polarized neutron studies, *Physical Review B* 86 (2012), 104416, 1098-0121(print) 1550-235X(web), Co- Author
- viii) Iron nanoparticles from an electrochemical route, *Nanoscience Methods* 1 (2012), 1, 2164-2311(Online), Co- Author

- ix) Constricted double loop hysteresis and exchange bias attributed to the surface anisotropy in nano-crystalline La₁/3Sr₂/3Fe_{1-x}Cr_xO₃, Journal of Magnetism and Magnetic Materials 344(2013)20, Co- Author
- x) Synthesis, structural characterization and biological activity of a trinuclear zinc(II) complex: DNA interaction study and antimicrobial activity, J. Chem. Sci. Vol. 125, No. 6, November 2013, pp. 1445–1453, Co-Author.
- xi) Magnetic, magnetocaloric and magnetoresistive properties of cubic Laves phase HoAl₂ single crystal, Journal of Physics: Condensed Matter 26(2014), 046004, 1st Author

B. (i)Published in Book Chapter

1. Dr. Ashish Ganguly, Associate Professor, Dept. of English

- i) The Chimney Sweeper by William Blake P. 19-30, University Anthology of Poems, ISBN 81-87259-53-1, First Author
- ii) Tagore Songs in Bangla Films: Then and Now: A Comparative Study of a few Song-sequences in the Films directed by Tarun Majumdar and Anjan Dutt P. 39-47, Evolving Bengali Identity at Home and in the World, ISBN 978-93-81672-49-5, First Author

2. Asit Ranjan Santra, Associate Professor, Dept. of Bengali

- i) Gandhi O Bhagat Singh ekti tulanamulak alochana, ISBN-978-93-81679-49-4, Dey Publication, Single Author

3. Gour Mohan Dutta, Assistant Professor, Dept. of Bengali

- i) রবীন্দ্রনাথের রাজনৈতিক নাটক ও র-থর রশি (৬৭-৭৪) র-থর রশি, সাম্যভা-বর সংলাপ **978-93-81684-30-6** প্রজ্ঞাবিকাশ
- ii) ডাকঘর নাটকে কবিরাজ ও রাজ কবিরাজ চরিত্র (১৩৩-১৩৮) রবীন্দ্রনাথের ডাকঘর **978-93-83016-14-3** প্রজ্ঞাবিকাশ

4. Jyoti Prakash Mandal, Dept. Of Economics

- i) হারি-য় যা-চ্ছ -দ-শর -লাক (224), রবীন্দ্র -ছাট গল্পের আকার-প্রকার ও ভিন্নতা, ISBN No.- 978-81-923765-2-3, আসান-সাল গার্লস ক-লজ
- ii) Relevancy of Swami Vivekananda's Speech and work in the socio economic development of Purulia District (111), Yuba Nayak Vivekananda, ISBN No.- 978-81-923685-4-2.

B. (ii)Full papers in Conference Proceedings:

1) Supriya Chakraborty, Associate Professor, Dept. of Commerce

Energy Audit – A Need, UGC Sponsored National Conference on “Future of Civilization: Recent Trends in Energy Research”, Raghunathpur College (ISBN: 978-81-925299-1-2)

2) Dr. Abhas Kumar Basu, Assistant Professor, Dept. of Commerce

- i) Honour Killings, UGC Sponsored National Seminar on HR & HD, ISBN-78-81-923765-1-6

3) Jyoti Prakash Mandal, Assistant Professor, Dept. of Economics

- I. MGNREGA IN WEST BENGAL: THE PRESENT DAY SCINERIO, PP-14, POCEEDINGS OF THE SEMINAR: RAGHUNATHPUR COLLEGE
- II. ADIVASIS' ORNAMENTS: ESPECIALLY LAC ORNAMENTS, **PP-45**, POCEEDINGS OF THE SEMINAR: DR. BHUPENDRANATH Dutta SMRITI MAHAVIDYALA
- III. LIVELIHOOD OPTIONS: LAC INDUSTRY , PP-36, PANCHAKOTE SAYS
- IV. VEDANTA SPEAKS FOR VALUE EDUCATION, PP-40, POCEEDINGS OF THE SEMINAR: RAGHUNATHPUR COLLEGE

- V. LAC RESOURCES: A NATURAL BOON IN THE ECONOMY OF PURULIA, PP-10, POCEEDINGS OF THE SEMINAR: SEBA, KOLKATA
- VI. IS THERE ANY NEED OF MODIFICATION OF SWAMI VIVEKANANDA'S GOSPEL UNDER CURRENT PERSPECTIVE? (ACCEPTED), POCEEDINGS OF THE SEMINAR: ASANSOLE COLLEGE

4) Sohini Karmakar (Sinha), Assistant Professor, Dept. of History

- I. উপনিবেশিক যুগে ভদ্রমহিলা ও অর্থনৈতিক স্বনির্ভরতা প্রসঙ্গ (ইতিহাস অনুসন্ধান), পশ্চিমবঙ্গ ইতিহাস সংসদ (২০১০),
- II. স্বাধীনোত্তর পর্বে চাকুরিজীবী মেয়ে- উপস্থাপনায় মহিলা সম্পাদিত পত্রিকা, পশ্চিমবঙ্গ ইতিহাস সংসদ (২০১৩), 978-81-910874-3-7

5) Dr. Moumita Patra, Assistant Professor, Dept. of Physics

- i) Tuning of magnetocaloric effect in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ with minimal Cr substitution (Physica B), MAGMA-2013

C. (i)Published in Book Chapter

1. Dr. Ashish Ganguly, Associate Professor, Dept. of English

- i) The Chimney Sweeper by William Blake P. 19-30, University Anthology of Poems, ISBN 81-87259-53-1, First Author
- ii) Tagore Songs in Bangla Films: Then and Now: A Comparative Study of a few Song-sequences in the Films directed by Tarun Majumdar and Anjan Dutt P. 39-47, Evolving Bengali Identity at Home and in the World, ISBN 978-93-81672-49-5, First Author

2. Asit Ranjan Santra, Associate Professor, Dept. of Bengali

- i) Gandhi O Bhagat Singh ekti tulanamulak alochana, ISBN-978-93-81679-49-4, Dey Publication, Single Author

3. Gour Mohan Dutta, Assistant Professor, Dept. of Bengali

- i) রবীন্দ্রনাথের রাজনৈতিক নাটক ও র-থর রশি (৬৭-৭৪) র-থর রশি, সাম্যভা-বর সংলাপ 978-93-81684-30-6 প্রজ্ঞাবিকাশ
- ii) ডাকঘর নাটকে কবিরাজ ও রাজ কবিরাজ চরিত্র (১৩৩-১৩৮) রবীন্দ্রনাথের ডাকঘর 978-93-83016-14-3 প্রজ্ঞাবিকাশ

4. Jyoti Prakash Mandal, Dept. Of Economics

- i) হারি-য় যা-চ্ছ -দ-শর -লাক (224), রবীন্দ্র -ছাট গ-ল্পের আকার-প্রকার ও ভিন্নতা, ISBN No.- 978-81-923765-2-3, আসান-সাল গার্লস ক-লজ
- ii) Relevancy of Swami Vivekananda's Speech and work in the socio economic development of Purulia District (111), Yuba Nayak Vivekananda, ISBN No.- 978-81-923685-4-2.

B (iii) Books Published as Single author

1. Purnima Chatterjee, Dept. Of Political Science

- i) Gandhi O Bhagat Singh ekti tulanamulak alochana, ISBN-978-93-81679-49-4, Dey Publication, Single Author

E(II) Papers Presented in Conferences, Seminars, Workshops, Symposia

1) Dr. Pradeepta Guptaroy, Associate Professor, Dept. of Physics

- i) Understanding the Nature of Pion Production in Cu+Cu and Au+Au Collisions at RHIC at $\sqrt{s_{NN}}=200$ GeV, National Conference on Particle Physics and Cosmology, Department of Physics, The University of Burdwan, (2011)
- ii) Direct Photon Production in d + Au Collisions at $\sqrt{s_{NN}} = 200$ GeV: Measured Data Versus a Model, 100th Indian Science Congress, Indian Science Congress Association and The University of Calcutta (2013),.
- ii) রবীন্দ্রনাথ ঠাকুর, প্রফুল্ল চন্দ্র রায়, নীলরতন সরকার ও কাদম্বিনী গাঙ্গুলী এবং ব্রাহ্মসমাজ, উনিশ শতক : সাহিত্য-সমাজ-সংস্কৃতি, বাংলা বিভাগ, বর্ধমান বিশ্ববিদ্যালয়, ২৫-২৬ মার্চ, ২০১৩.
- iii) গণিতবিদ স্যার আশুতোষ মুখার্জী, পঞ্চকোট মহাবিদ্যালয়, পুরুলিয়া

4) Supriya Chakraborty, Associate Professor, Dept. of Commerce

Energy Audit – A Need, UGC Sponsored National Conference on “Future of Civilization: Recent Trends in Energy Research”, Raghunathpur College (ISBN: 978-81-925299-1-2)

5) Dr. Ashish Ganguly, Assistant Professor, Dept. of English

- I. Ecocritical Reading of G.M. Hopkins’s poems, Nineteenth-Century British Literature: Text and Context, Dept. of English, The University of Burdwan
- II. ‘Aboriginality’: The Women’s Voice in Australian Aboriginal Poetry in English, International Conference on Language, Literature and Culture, Institute of Advanced Studies in English, Audh, Pune
- III. “Who is the true Aboriginal? A Study of the Problematic of Identity of Mudrooroo Narogin”, Assertion of Identities: A Re-Reading of Texts in Literatures in English, Dept. of English, Kazi Nazrul Islam Mahavidyalay, Churulia & Dept. of English, B.B. College, Asansol
- IV. Tagore Songs in Bangla Films: An Overview, Contemporariness of Rabindranath Tagore, Dept. of Bengali, Ranchi University, Ranchi
- V. From Text to Screen- *Ice-Candy Man* and 1947: Earth : A Comparative Perspective, Film and Literature: The Blurring Interface, Dept. of English, A.M. College, Jhalda, Purulia,
- VI. Intertextual Echoes in Swift’s *Gulliver’s Travels*, Dialogue between Texts: Intertextuality in Literary Studies, Dept. of English, Asansol Girls’ College & Indian Association for the Study of Australia.
- VII. Vivekananda’s Vedantic Philosophy and Modern Ecological Concern, The Vedantic Philosophy of Vivekananda, Dept. of Sanskrit, Raghunathpur College and Dept. of Sanskrit, Sidho-Kanho-Birsa University

6) Dr. Abhas Kumar Basu, Assistant Professor, Dept. of Commerce

- I. TRIPS & Its Impact on Pharmaceutical Industry and Agriculture, IPRs- Impact on Pharmaceutical, Agriculture and Rural Technology, Dept. of Economics, J.K.College, Purulia, National- UGC Sponsored
- II. MGNREGA-Women’s Participation, MGNREGA :Theoretical Perspective & Implementation, Dept. Economics & Pol.Sc, Raghunathpur College, Raghunathpur, Purulia, National- UGC Sponsored
- III. Honour Killings, Human Rights & Human Development, Dept. of Political Science, Asansol Girls’ College, National- UGC Sponsored
- IV. Tax Reforms in India- A Mixed Experience to it Sector, Direct & Indirect Tax Reforms in India, Dept. of Commerce, K.D. College, Medinipur, National- UGC Sponsored
- V. Indian ICT Sector- Scope for Women’s Livelihood, Economic Development & Livelihood Options, Dept. of Economics, J.K.College, Purulia, National- UGC Sponsored
- VI. Collections, Conflicts and Contribution of CPRs and Their Impact on the People of Jungle Mahal, Resources, Problems, Planning & Development in Backward Regions, Achhuram Memorial College, Jhalda, Purulia, National- UGC Sponsored
- VII. Common Property Resources in India, Common Property Resources in India, Dept. of Commerce, Panskura Banamali College, Panskura, Medinipur, National- UGC Sponsored
- VIII. IT Software & GST- Some Ambiguities, DT Code: A Revolution in the Way of Tax Reforms, Dept. of Commerce, Kharagpur College, Kharagpur, Paschim Medinipur, National- UGC Sponsored

7) Jyoti Prakash Mandal, Assistant Professor, Dept. of Economics

- I. Mgnrega In West Bengal: The Present Day Scinerio, Pp-14, Poceedings Of The Seminar: Raghunathpur College
- II. Adivasis’ Ornaments: Especially Lac Ornaments, **Pp-45**, Poceedings Of The Seminar: Dr. Bhupendranath Dutta Smriti Mahavidyala
- III. Livelihood Options: Lac Industry , Pp-36, Panchakote Says
- IV. Vedanta Speaks For Value Education, Pp-40, Poceedings Of The Seminar: Raghunathpur College
- V. Lac Resources: A Natural Boon In The Economy Of Purulia, Pp-10, Poceedings Of The Seminar: Seba, Kolkata
- VI. Is There Any Need Of Modification Of Swami Vivekananda’s Gospel Under Current Perspective? (Accepted), Poceedings Of The Seminar: Asansole College

- VII. Importance and viability of Lac Industry in District Purulia, Economy of Jangalmahal, Sidho-Kanho-Birsha University, Purulia

8) Tarun Kr. Garai, Assistant Professor, Dept. of Mathematics

- I. National Seminar on Mathematics and Application, Department of Mathematics, The University of Burdwan, Feb,24-25 2011, On Laplace Continuity,
- II. National Seminar on Mathematics for Non-Linear Aspects of Analysis and Algebra, Department of Mathematics, Siksha Bhavana, Visva-Bharati, March,24-25 2012, On Laplace Perron Integral National Seminar on Mathematics and Application,
- III. Department of Mathematics, The University of Burdwan, March,28-29 2012, Convexity Conditions for Approximate Generalised Riemann Derivable functions,
- IV. International Conference on Frontier of Mathematical with Application, Calcutta Mathematical Society, Calcutta, Dec,07-09 2012, Integration by Parts For Laplace Perron Integral, National Seminar on Mathematics for Non-Linear Systems
- V. Department of Mathematics, Siksha Bhavana, Visva-Bharati, March,17-18 2013, Approximate Generalised Riemann Derivative of Order Two

9) Gour Mohan Dutta, Assistant Professor, Dept. of Bengali

- I. Rabindra sahitye narir bhumika, National Seminar On "Rabindranath: Srishti o Srashta ", Department Of Bengali, Burdwan University,National
- II. Banglai narir bhasa, International Seminar on "Bangla upavasa: epar bangle opar 90angle", Department Of Bengali, Burdwan University, International
- III. Debigarjan: Pratibader Darpane, National Seminar On "Bangla Pratibadi natok", J.K College, Purulia,National

10) Sohini Karmakar (Sinha), Assistant Professor, Dept. of History

- I. Sarak Culture and Artefacts in Purulia, Junior Research Scholar Seminar 2013, Corpus Research Institute, Kolkata, National level
- II. Dwi-Satatama Barshe Radhanath Sikdar, Paschim Banga Itihas Samsad 2013, Paschim Banga Itihas Samsad, National level
- III. Puruliar Bangabhukti o Bhasa Andolan, Narasinga Dutta College, State level

11) Somnath Karmakar, Assistant Professor, Dept. of Chemistry

- I. Graph theoretical eigensolution of [20]fullerene, *Recent Developments in Research in Chemistry held on November 23, 2013*, West Bengal State University, Barasat, W. B., National level

12) Dr. Moumita Patra, Assistant Professor, Dept. of Physics

- I. Tuning of magnetocaloric effect in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ with minimal Cr substitution, International Conference on Magnetic Materials and Application (MAGMA-2013), 05th -07th December, 2013, Department of Physics, IIT, Guwahati, & Magnetic Society of India.,

(E) (III) Invited Lectures and Chairmanship at National or International conference /seminar etc.

1) Dr. Pradeepta Guptaroy, Associate Professor, Dept. of Physics

- I. মহেন্দ্রলাল সরকার, সমকালীন বিজ্ঞানচর্চা এবং ইন্ডিয়ান অ্যাসোসিয়েশন ফর দি কাল্টিভেশন অফ সায়েন্স, The National Science Movement of 19th Century Bengal: Mahendralal Sirkar and Others, Department of History, Raghunathpur College, 2010
- II. Production of J/ψ Particles in Ultra-relativistic Heavy Ion Collisions: A Model-based Analysis, Quark Matter 2012, Variable Energy Cyclotron Centre, Kolkata (2012)

III. Chairman of the session : Contributed Papers, National Seminar on MGNREA, Department of Economics and Political Science, Raghunathpur College, 2011

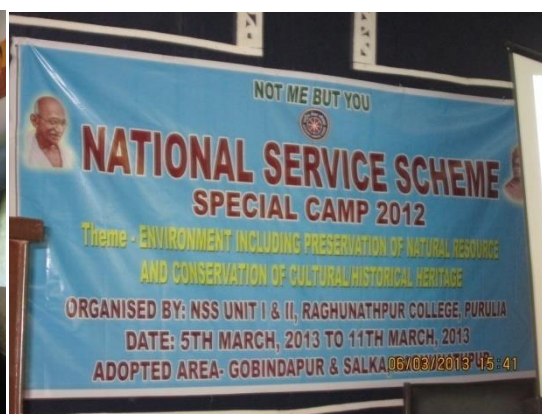
2) Asit Ranjan Santra, Associate Professor, Dept. of Bengali

I. বাংলা কবিতার সা-তর দশক: কৃষ্ণা বসু বাংলা কবিতা: সা-তর দশক, Manbhum Mahavidyalaya, Purulia, National

Annexure 3.3: Lists of Major and Minor Research Projects:

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total grant		Reference No.
				Sanctioned	Received	
Minor projects	2009-10	A study of the problems and prospects of lac industry in the purulia district of west bengal	UGC	1.11 L	1.11 L	E.PHW-015/08-09 (ERO) dt. 05.12.08
	2009-10	Aeromycoflora of Raghunathpur, Purulia, West Bengal in relation to Allergic Rhinitis	UGC	1.045 L	1.045L	F.PHW-019/08-09 (ERO) DT. 05.12..08
	2010-11	Synthesis, characterization and reactivity study of new Schiff base complexes of some bio-metals like Mn, Fe, Co, Ni, Cu and Zn	UGC	1.28 L	1.28 L	F.PSW-039/09-10 (ERO) DT.08.10.09
	2013-14	Synthesis and characterization and DNA binding study of some transition metal complexes,	UGC	1.47 L	1.035 L	F.PSW- 84/12-13 (ERO) DT.05.02.13
	2013-14	Relevancy of Swami Vivekananda's Speech and Work in the Socio-Economic Development Of Purulia District	UGC	1.27 L		F.PHW-120/12-13 (ERO) DT.05.02.13
	2013-14	On production of hadrons in RHC and LHC energies: A comparative study	UGC	1.4L	1.03L	PSW-30/12(ERO) dt. 05.02.13
Major projects	2014-16	Synthesis and characterization of iron complexes and their catalytic aspects towards different organic transformations	DST	23.0 L	-	CS-277 dt. 11/12/2013

Annexure 3.4: Some of our NSS Units activities



Annexure 3.5: Some of the NSS activities during last four years

Year	Name of the Programme	Date	Remarks
2010-11	Special camp on Environment	23.12-29.12.2010	
	Blood Donation	27.09.2010	
	Cleanness Programmes	25.12. 2010, 23.01.2011	
	Heritage Day	18.01.2011	
	First Aid Training	10.02.2011	
	Banamohatsab	02.09.2010	
2011-12	Eye Test Camp	25.08.2011	
	Blood Donation	29.11.2011	
	College Foundation Day	08.07.2011	
	Swami Vivekananda 150 th Birth Anniversary	15.02.2012	
	Banamohatsab	21.07.2011	
2012-13	Special Camp	05.03-11.03.2013	
	Swami Vivekananda 150 th Birth Anniversary	12.01.2013	
	Blood Donation	01.12.2012	
	First Aid Training	10.01-11.01.2013	
	Cleanness Programmes	08.07.2012	
2013-14	Special Camp	11.03-17.03.2014	
	Eye Test Camp	14.03.2014	
	Blood Donation	05.12.2013	
	Aids Awareness	28.03.2013	

Annexure 3.6: Some of our Distinguished Resource Persons

1. Prof. Kankan Bhattacheyya, Director, Indian Association for the Cultivation of Science.
2. Prof. Chittabrata Palit, Emiratus Prof., Jadavpur University.
3. Dr. Jayram Hazra, Director, National Research Institute of Ayurveda for Drug Development.
4. Dr. P. R. Sur, Scientist, Botanical Survey of India.
5. Prof. Nirmalya Banerjee, Professor, Visva Bharati.
6. Sri Susovan Bhattacharyya, Director, West Bengal Renewable Energy Development Agency
7. Dr. Tapati Mukhopadhyay, Hon'ble Vice Chancellor, SKB University
8. Prof. Biswajit Ghosh, Professor & Head, School of Energy Research, Jadavpur University.
9. Prof. Debojyoti Das, Professor & Head, Energy Research Unit, Indian Association for the Cultivation of Science
10. Dr. V. S. Pandit , Scientific Officer (H), Variable Energy Cyclotron Centre, Kolkata.
11. Prof. Tapan Chakrabarty, Emiratus Prof., Jadavpur University.
12. Dr. Biswarup Roy, Associate Professor, Visva Bharati.
13. Dr. Shyamal Chakrabarty, Professor, R. G. Kar Medical College, Kolkata.
14. Swamy Sumanasanandadaji Maharaj, Secretary, Ramkrishna Mission Ashram, Meghalaya

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?

In order to create and enhance the infrastructure that facilitates effective teaching and learning, the policy is framed according to the strength of students in different streams. With the increase in strength, as per requirement, the institution approaches UGC and seeks various funds from M.P. & M.L.A. funds. The infrastructural enhancement is liberally funded on need base and on the availability of the funds.

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.

The College is endowed with excellent physical infrastructural facilities to support the teaching-learning process. The main campus is spread over 27.88 acres of land. A master plan has been prepared for the campus. Almost all the Departments have separate self-contained space. Our College has spacious seminar/conference halls, adequate number of classrooms, well equipped laboratories, chambers for the faculty and discussion room to facilitate the academic programs. The College has a separate block for administration. The Central Library, with adequate space, large number of books and journals, Internet, and other support facilities, is located in a separate block. The College has an out-door Sports Ground for sports activities and a Health Center to meet the diagnostic and medical treatment of students and staff. The College also has two fully furnished and equipped Computer Labs. The infrastructure involves spacious class rooms, proper lighting and ventilation, seating arrangement with proper visibility for both students and lecturers. There is facility of common room

for boys and girls separately. Special arrangements for canteen for the students and the staff, provision of staff-room and the auditorium is also there. The college has hostel facility for boys. The details of the facilities available with the institution are as under:

For curricular and co-curricular activities:

- i) **Class rooms:** Our College has 29 spacious class rooms with proper lightarrangement and ventilation. Among these most of the class rooms containdiads and podium. We have two big galleries also.
- ii) **Technology Enabled Learning facility:** The college has many classroomswhere the provision of OHPs, Multimedia learning, audio-visual system andvisualizer is given. The college Computer Department is situated in aseparate independent block where the UG levelclasses of BCA are run.
- iii) **Seminar Hall:** The college has one seminar hall. This hall isregularly used for conducting seminars at the college, state and nationallevel. Several awareness programmes are regularly arranged forthe active involvement of the students.
- iv) **Laboratories:** The college has twelve well equipped laboratories, four inChemistry Department, three in Physics, two Botany Departments,and one for Zoology Department, one for Geography and BCA for the conduct of science practical which facilitate students to conductregular practical during the session and in annual examinations. Similarly,the college has two technology enabled laboratories for conducting computerpractical.
- vi) **Botanical Garden/Animal house:** Our college has a well maintainedbotanical garden where the students of botany study various plants and otheraspects of botanical life which facilitates them in enriching their knowledge.Similarly, Zoology department maintains the preservation ofanimals, reptiles, birds and insects in the preserved form, for dissection. Atthe time of practical examination, animals are made available for students.
- vii) **Specialized Facilities and equipments available for teaching, learningand research:** The college has sufficient number of computers with nearly50 computers. The staff is givena free access to internet so that they can enrich their knowledge and then inturn the students can benefit from their experience and knowledge. The fullycomputerized library also helps the staff and the students of under graduate classes to understand the value of research. Inclusion of advanced equipments like UV-Vis spectrophotometer, Laminar flow, advanced stereomicroscope, digital balance, telescope etc. also create a zeal among the students and teachers.
- 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.

4.1.2 (B) For extracurricular activities:

Sports:-

The college has always created a position for itself in the field of sports. The college has since long times, been participating in various inter college, university level tournaments. The college is proud to give this state some best sports personalities like Shaktipada Bouri, Sandip Mahato. In sports, our college provides indoor and outdoor games to student.

Outdoor Games: A spacious 2 acre play ground is available for outdoor games i.e. football, cricket, athletics, Kabaddi, Kho-Kho etc. in college campus. The college students have a big play ground with stadium facility. Annual College sports, University sports are held in this ground.

Indoor Games: Facilities for the sports like Badminton, Table Tennis, Chess, Carrom etc, are provided to students in the college campus only.

Gymnasium:

Our college has well equipped Gymnasium room with all the modern state of art equipments for health and hygiene.

Auditorium:

Despite being an old institution, the college is having a modern, well equipped and upto the mark technology. We have constructed an advanced technology enabled auditorium having seating capacity of the hall is around 200.

NSS: College has an NSS unit of 100 students. Various socially relevant services are provided by NSS students like blood donation camp, AIDS awareness programme, Yoga education etc.

Cultural Activities: The college has carved out a special niche for itself in the field of extracurricular activities. **(Annexure:4.1)**

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, staff and other members. The college specially takes care of the health and hygiene of the students and staff. A general physician and a gynaecologist visit and keep a strict watch on the health of the students and the staff. Proper arrangement of drinking water is available in the college campus (purified drinking water). The institution has a tie up with the local hospitals in emergency needs.

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).

Since its inception in 1961, the Raghunathpur College has been keeping pace with the changing needs and requirements to meet its academic growth. To keep pace with the needs and requirements, additional infrastructure is being added from time to time. In the last four years, many buildings have been constructed/renovated. The details of the facilities which have been added are as under:

Sl. No.	Infrastructure	Amount Spent	Comment
Session : 2009-10			
1	Academic Building	1,24,277.00	
2	Ist Floor of the Boys' Hostel	3,98,994.00	
3	Girls' Common room	4,33,118.00	
4	Office Extension	2,94,000.00	
5	Roof and other repair	2,77,943.00	
Session : 2010-11			
1	Library Building	4,98,736.00	
2	Ist Floor of the Boys' Hostel	10,71,927.00	
3	Auditorium	4,40,960.00	
4	Girls' Common room	1,08,608.00	
Session : 2011-12			
1	Building	17,98,608.00	
Session : 2012-13			
1	Building	27,12,733.00	

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

The institute ensures that infrastructure facilities meet the requirement of the students with physical disabilities. For differently-able students, it is ensured that they don't have any physical obstruction. The students are given extra attention during the college terminal examinations as well as the final examinations.

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 two boys' hostel, for boys students, with a capacity of 100 boys. Arrangement for hostel facility is made for boys students which have spacious, ventilated rooms with provision of sufficient water supply, electricity and bathrooms. The hostel has rooms for residential staff, set up in the hostel in such a way so that the resident staff can keep a watch on the security and safety of the inmates in the hostel.

Recreation facilities: Open space ground for out-door recreation and audio visual aids (TV, music player, games, etc.) for in-door recreation is provided by the institute. Arrangement for gymnasium hall is also made available in the hostel in college campus.

Computer Facility including access to Internet in hostel: Nil

Medical room: The college and the hostel has complete arrangement for students in need of medical assistance. The college has an arrangement for a part time doctor.

Library: The college hostel has a separate room for extra reading and study (magazines, newspapers, periodicals, etc.)

Hygiene facilities: Water with constant supply of safe drinking water is available in the college hostel.

Security: Watchman shed has been made near the gate for proper security.

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?

Arrangements for first aid and medical care are fully available for the staff as well as the students inside the campus and in the hospital near to the college in case of any serious medical emergency.

- 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, Counseling 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, Career Counseling cell, Health unit, Canteen, recreational spaces for staff and students, safe drinking water facility, and provision of seminar and group discussion etc.

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 Library Advisory Committee comprises of the following members:

1. Teacher-in-charge (ex-officio)
2. Librarian (ex-officio)
3. Prof. A. R. Santra (Convener)
4. Prof. S. Das (Member)
5. Prof. S. Sarkar (Member)
6. Dr. M. Patra (Member)

- 4.2.2 Provide details of the following:

- * Total area of the library (in Sq. Mts.): 400 sq. mt.
- * Total seating capacity: 20 pax
- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation): On an average 8 hours/day
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources) : (**Annexure: 4.2**)

- 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 -2009		Year - 2010		Year - 2011		Year - 2012	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books	1081	87686	1021	162852	700	111480	380	88536
Reference Books	800	37580	865	108568	600	60028	248	37951
Journals/ Periodicals	6	2070	06	2445	25	26000	25	26000
e-resources								
Any other (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:3 computers
- * Total numbers of printers for public access:one printer
- * Internet band width/ speed ☐ 2mbps ☒ 10 mbps ☐ 1 gb (GB)
- * Institutional Repository
- * Content management system for e-learning
- * Participation in Resource sharing networks/consortia (like Inflibnet) : INFLIBNET

4.2.5 Provide details on the following items:

- * Average number of walk-ins : 150
- * Average number of books issued/returned: 30
- * Ratio of library books to students enrolled: 30000:2500
- * Average number of books added during last three years:
- * Average number of login to opac (OPAC): Nil
- * Average number of login to e-resources: 5
- * Average number of e-resources downloaded/printed: 5

- * Number of information literacy trainings organized : Nil
- * Details of “weeding out” of books and other materials : Nil

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: ✓

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

Lending books to the students, teachers. The librarian and the teachers help the students in choosing the book they need..

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 analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

The library gets the feedback from the users. The users, comprise of mostly students, teaching and non-teaching members of the college, lend their suggestions. The suggestions are of various kinds, like new reference books, text books, journals. The library committee analyses the various needs minutely and purchase some of them in accordance with the funds. Any grievances on the part of the students are brought to the notice of the teachers and the college’s head takes necessary redressal steps.

4.3 IT Infrastructure

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

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer-student ratio:**1:40**
- Stand alone facility:**45**
- LAN facility:**10**
- Wifi facility :**NIL**
- Licensed software :**10**

DEPARTMENT	NO OF COMPUTERS	NO OF PRINTERS	INTERNET FACILITY	Operating System
BCA	9	2	FULLY	WINDOWS-XP
CHEMISTRY	3	1	1	WINDOWS 8-(1), WINDOWS-XP(2)
PHYSICS	4	2	2	WINDOWS 7
MATH	12	3	1	WINDOWS XP, WINDOWS 7
ZOOLOGY	1	1	0	WINDOWS 7
BOTANY	1	1	0	WINDOWS 7
POL SC.	1	0	0	WINDOWS 7
SOCIOLOGY	1	0	0	WINDOWS 7
PHILOSOPHY	1	1	0	WINDOWS 7
BENGALI	2	2(1-COLOUR)	0	WINDOWS 7
ENGLISH	2	1	0	WINDOWS XP, WINDOWS 7
ECONOMICS	2	2	0	WINDOWS 7
SANSKRIT	1	0	0	WINDOWS 7
HISTORY	1	1	0	WINDOWS 7
GEOGRAPHY	0	0	0	0
COMMERCE	4	3(1-COLOUR)	0	WINDOWS 7

• NLIBRARY	3	0	1	WINDOWS 7
u OFFICE	5	3	1	WINDOWS 7
CARBER COUNCELING	2	1	1	WINDOWS 7

er of nodes/ computers with Internet facility:16

- 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? UGC NETWORK,RESOURCE CENTRE

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities? NO

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?

With the help of projectors, mostly programme based papers in different subjects

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.

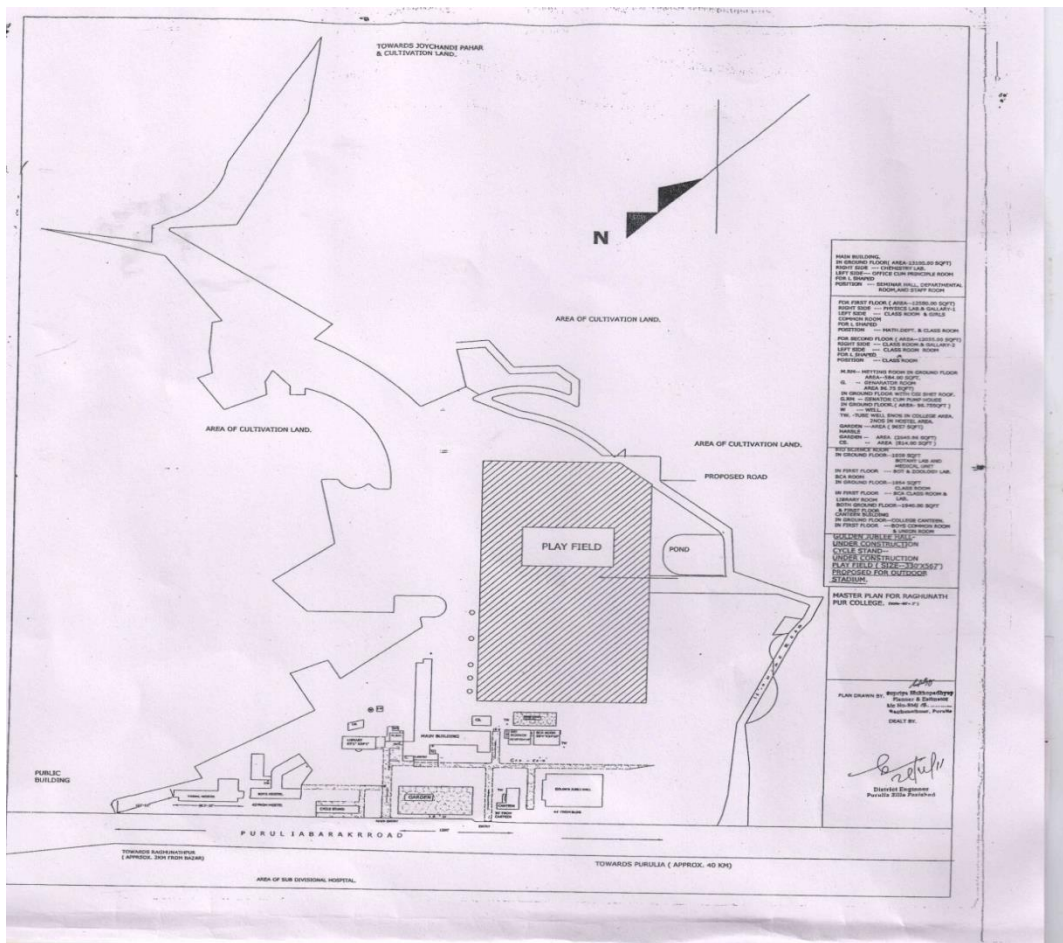
Sometimes teachers help in finding materials from internet, downloading e-books and e-lectures. independent access from internet by the students.

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?

Not yet connected through affiliating university or directly.



Annexure 4.1: A cultural Programme organized jointly by Bengali and Music departments



Annexure 4.2: Detailed Map of the College

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?-

YES. The updated prospectus is published annually and it contains the admission procedure and programs offered and evaluation methods, fees structure, refund policies, financial aids and student support services.[**Annexure 5.1**]

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

Freeships are given to approx. 400 students per session. Students from the minority community get regular financial aid from the State Government.

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

All SC,ST and minority students receive financial assistance from Govt.(State & Central)

5.1.4 What are the specific support services/facilities available for

- ✓ Students from SC/ST, OBC and economically weaker sections->Arranged Govt. scholarship
- ✓ Students with physical **disabilities** ->Ramp [under construction]
- ✓ Overseas students->N.A
- ✓ Students to participate in various competitions/National and International->YES :see column 5.3.1 for details

Medical assistance to students: health centre, health insurance etc.->YES health centre. Two physicians, one Dr. Prasanta Banerjee, president of the G.B., and one Gynaecologist, Dr. Nabanita Chakrabarty have been visiting regularly for medical counselling.

- ✓ Organizing coaching classes for competitive exams->YES
- ✓ Skill development (spoken English, computer literacy, etc.) ->Computer literacy
- ✓ Support for “slow learners”->Arranged special classes and support
- ✓ Exposures of students to other institution of higher learning/ corporate/business house etc.->NIL
- ✓ Publication of student magazines ->YES annually

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills,

among the students and the impact of the efforts.-

Canteen worker, Missionary work, First Aid training

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.

* additional academic support, flexibility in examinations

* special dietary requirements, sports uniform and materials

* any other -> Organised annual sports and game and annual prize distribution and cultural competition such as quiz, debate, drama, Youth Parliament etc

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. –in last four year

Competitive exams	Appeared	Qualified	Remarks
UGC-CSIR NET	30	20	
UGC-SLET	10	02	
GATE	06	02	
CAT			
GRE			
TOFEL			
GMAT			
Central/State Services, Defense ,Civil Services	300	40	
Any other[]			

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

Academic and Career counseling are made available to the students.

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). –

YES. Career Counselling cell. No specific campus interview has been organized.

However, some of the students get benefitted by the use of Career-Counseling cell for different job-oriented interviews.

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. A student redressal cell is there but no specific grievances.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

A disciplinary committee has been formed to deal with issues pertaining to sexual harassment of any sort as and when reported by students concern.

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?

YES. Anti-ragging committee is there but there has been no specific complaint regarding ragging on the part of the student during last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.:
Supply of purified water , Garden of Herbal medicinal plants etc.

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?--:

Alumni association has been formed in the year of 2004. They contribute for academic prizes.

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	60%
PG to M.Phil.	nil
PG to Ph.D.	5%
Employed	
• Campus selection	N.A.
• Other than campus recruitment	20%

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.

Course	Year	Appeared	Passed	Remarks(pass percentage)
B.A.Hons	2009-10	110	78	70.9
B.A.Gen	2009-10	320	250	78.25
B.Sc.Hons	2009-10	35	30	85.71
B.Sc.Gen	2009-10	25	21	84
B.Com.Hons	2009-10	05	04	80
B.Com.Gen	2009-10	05	03	60
B.A.Hons	2010-11	117	86	73.50
B.A.Gen	2010-11	347	235	67.72
B.Sc.Hons	2010-11	36	27	75
B.Sc.Gen	2010-11	28	20	71.42
B.Com.Hons	2010-11	05	03	60
B.Com.Gen	2010-11	07	04	57.14
B.A.Hons	2011-12	111	76	68.46
B.A.Gen	2011-12	258	205	79.45
B.Sc.Hons	2011-12	48	34	70.83
B.Sc.Gen	2011-12	10	10	100
B.Com.Hons	2011-12	02	02	100
B.Com.Gen	2011-12	08	04	50
B.A.Hons	2012-13	116	91	78.44
B.A.Gen	2012-13	370	151	40.81
B.Sc.Hons	2012-13	51	41	80.39
B.Sc.Gen	2012-13	15	07	46.66
B.Com.Hons	2012-13	04	04	100
B.Com.Gen	2012-13	nil	nil	oo

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

To give academic support the institution facilitates student progression to higher level of education and/or towards employment.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Teachers-parents meeting, counselling etc.

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.

1) Annual College Sports

2) Inter-college Athletic Meet & Football,Cricket,Volleyball Tournament –Annually

3)Indoor games—Carrom, Table-tenni ,Chess etc.

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.

SPORTS EVENTS

Session	Participant's Name	Event's Name	Position	Levels	Remarks
2009-10	Sakti Pada Bauri	400&1500mts run	1st	District	Participated at State Level
2009-10	Anil Bauri	Khokho	Champion	District	NA
2009-10	Sandip Mahato	100 &200 mts run	1st	District	Participated at State Level
2009-10	P. Manish	Volley ball	Champion	District	NA
2010-11	Sakti Pada Bauri	1500&5000mts run	1st	University	NA
2010-11	Milan Bauri	High Jump	1st	District	Participated at State Level
2010-11	Sandip Pal	100 &200mts run	1st	District	Participated at State Level
2010-11	Nandadulal Choudhury	Shot-put	1 st	District	Participated at State Level
2010-11	Anil Bauri	Khokho	Champion	University	NA
2011-12	Rishpa Gope				Represent the under-19 women Cricket Team of West Bengal
2011-12	Sakti Pada Bauri	400&1500mts run	1st	District	Participated at State Level
2011-12	NandaDulal Choudhury	Shot-put	1st	District	Participated at State Level
2011-12	Sanjoy Addya	Shot-put	2nd	District	Participated at State Level
2012-13	Sakti Pada Bauri	1500m	Ist	University	NA
2013-14	Sakti Pada Bauri, Rahul Bouri, Srikanta Bouri, Prakash Bouri.	100m, 200m, 800m, 1500m, Javelline	Ist	University	NA
2013-14	Sakti Pada Bauri, Rahul Bouri, Srikanta Bouri, Prakash Bouri.	100m, 200m, 800m, 1500m, Javelline	Ist	District	Participated at State Level

CULTURAL EVENTS

Sl. No.	Session	Participant's Name	Event's Name	Position	Levels	Remarks
1.	2010-11	College Drama Group	Drama	1st		Script Writer
2.	2011-12	College Drama Group	Drama	1st		Script Writer, Best actor, Best Drama
3.	2011-12	College Team	Youth Parliament	2nd	District	NA
4.	2012-13	Usashee Chowdhury	Essay competition on Pandit Motilal Nehru		University	NA
5.	2012-13	Moumita Banerjee	Debate Competition		University	NA
6.	2012-13	Hemanta Gorain	Essay Competition on 150 th birth Centenary of Sir Ashutosh	1st	District	NA
7	2013-14	Manisha	Youth Parliament Compition	Best Parliamen tarian	District	
8	2013-14	Manisha	Drama Compition	Best actor	Statet	

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?
Through the feedback form we seek the data from our students.

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.

College involves and encourage students to publish materials in Departmental Wall Magazine and Annual College Magazine (Srijani)

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

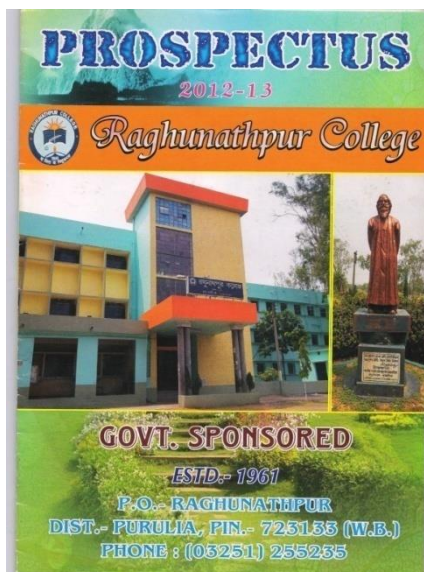
There is a Student Council elected by the students through Student Election. They arrange and participate in different cultural and social activities. Funding is arranged by the Union fees which are collected at the time of Admission.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

In Governing Body, Cultural, Seminar, Sports, Magazine, Election Committee and NSS.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The Alumni Association has been formed through an assembly of ex-students (both men and women) on 6th October 2004. The then president of the Governing body, Mr. Tapan Kumar Lahiri is also presided the ad-hoc committee as an ex-student. A Convention on “Development of this College” has been held on 19th February 2005. Mr. Basudev Acharaya, a renowned teacher and our local M.P. illuminated the said convocation by his august presence and erudite deliberation. He also set the tune of the objectives and policies of such an organization. Through the funding of ex-student of the department of Chemistry “**Dr. N.Kole**” award is given every year.



QUOTES OF SWAMI VIVEKANANDA

❖ We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on its own feet.

❖ You must give your body, mind, and speech to the welfare of the world. You have read, "Look upon your mother as God, look upon your father as God"—but I say "the poor, the illiterate, the ignorant, the afflicted"—let these be your God. Know that service to these alone is the highest religion."

❖ This life is short, the vanities of the world are transient, but they alone live who live for others, the rest are more dead than alive.

❖ Whatever you think you will be. If you think yourselves weak, weak you will; if you think yourselves strong, strong you will be.

❖ I do not believe in a God or religion which do not wipe the widow's tears or bring a piece of bread to the orphan's mouth.

❖ Be not afraid of anything. You will do marvelous work. The moment you fear, you are nobody. It is fear that is the great cause of misery in the world. It is fear that is the greatest of all superstitions. It is the fear that is the cause of our woes, and it is fearlessness that brings heaven even in a moment. Therefore 'Arise, awake, and stop not till the goal is reached.'

❖ Purity, Patience, and perseverance are the three essentials to success, and above all love.

SHORT HISTORY OF THE COLLEGE

RAGHUNATHPUR COLLEGE set off its journey as a private educational institution in 1931. Initially, classes used to be held at the Marwari Dharmshala and G.D. Land Institution in Raghunathpur.

The active co-operation of the common people, the education lovers and the dedicated educationists of the locality finally helped the Raghunathpur College come into existence. The dream of establishing a premier educational institution was materialized under the caring supervision and endorsement of the following noble personalities:

Shyamadas Chatterjee	Sankar Narayan Singho
Tinkori Sarkar	Devakumandini Kestral
Dr. Rangoni Banerjee	Lakshminarayana Bhattacharya
Sri Lal Singhania	Amar Nath Nandi

and Rabinranath Das, the founder Principal of the college.

The untiring as well as whole hearted endeavour of Shyamadas Chatterjee vis-a-vis the establishment of this institution needs to be mentioned. Notwithstanding being a teacher of S.E.R. Boys' High School, Adra, he felt the exigency of an institution in this locality. He stepped into door-to-door and made an appeal to the people for raising a fund required for the institution. They extended their helping hands by donating cash, land and other articles. In this way, he succeeded in reaching his destination. Above all Sri Chatterjee was loved by the students and the people of this area. His sudden and untimely demise left a void among the people of this locality.

The land of the college was donated by the following personalities:

Nirmala Chatterjee	Narendranath Ganguli
Narendranath Sarkar	Tinkori Sarkar
Madan Mohan Sarkar	Radhika Maji
Mamohari Das	Sadhu Maji
Mahadeb Maji	Heli Maji
Satyacharan Sarkar	Sabal Chandra Sarkar

The classes began to be held in the present building since 20th January, 1964. The college remains indebted for ever to the above mentioned personalities and all the people of the locality for their support and contribution.

The college earned the status of a Government Sponsored Institution in 1961. The college is affiliated to the Sido Kanho Birsha University. It is one of the best colleges in the district.

GOAL OF THE INSTITUTION

The Institution seeks to promote, inculcate cultural, scientific and technical education to meet the needs of this locality and to foster positive values for the good of the society at large.

LOCATION

The college is located on an open space, with idyllic natural features surrounded by the canopy of lush green vegetation of the Joychandi Hills. It is situated in the southern end of the Raghunathpur town. The Purulia-Barakar road connects the college to remote places. The nearest Railway station, Joychandi, is about 4 kms. away from the college by road.

THE FACULTY AND OFFICE PERSONNEL

The devoted, sincere and expert teachers of this college have been keeping its flame of fame alight. Their scholarship, teaching skill and love for students combine in creating the best academic environment enabling students scale newer heights of success.

The office staff share very intimate relationship with the students. Their relentless effort to co-operate with the students in all their needs is unparalleled and it makes the students always feel at home in the college.

COURSES OFFERED

General courses in B.A., B.Sc., B.Com and Honours Courses in Physics, Chemistry, Mathematics, Botany, Computer Application, Economics (Science and Arts) Bengali and English, History, Political Science and Sanskrit are offered for the students. Honours course in Accountancy (Commerce) is also available. Efforts are being made to introduce some Career-oriented Certificate Courses. The students of this locality as well as far from areas have been getting the benefit of pursuing their studies in Post Graduate Courses in Chemistry in this College. Added to this, Vocational Courses in some trades, namely- Mason, and Carpenter workers (Approved by WBSCIE) have been introduced.

MODALITIES RELATED TO ADMISSION

The academic session for Degree courses (General & Honours) spreads over July to June. For admission to the above-mentioned courses, the students passing U.S.S. Equivalent examinations have to apply in the "Prescribed Application Form" attached to the prospectus within the date and time stipulated by the college authority.

SUBMISSION OF TESTIMONIALS

The submitted Application forms must be accompanied with the following:

- (i) Attested copy of marksheet of the last examination (U.S.S. Equivalent)
- (ii) Attested copy of the marksheet of Madhyamik Equivalent Examination.
- (iii) Attested copy of the "Admission Certificate" of Madhyamik Equivalent examination, and copy of the "Prescribed Application Form" of the college.

(v) Transfer Certificate for applicants coming from other University.
(vi) Attested copy of SCST certificate.

ADMISSION PROCEDURE & CRITERIA

Admission of students to Science courses (General and Honours) and Arts courses (Honours) is done through counselling. The counselling will be held on the basis of merit list prepared by the college in accordance with the guidelines framed by the university. Counselling as well as admission of the students will continue simultaneously. Admission to the Arts (General and Commerce) (Hons. & Gen.) Courses will be done directly in order of merit. So, a student seeking admission will have to be present at the college on the date of admission along with the relevant credentials in original supporting their qualifications. Information about the requisite fees for admission will be notified subsequently by the college.

CANCELLATION OF ADMISSION

The detection of the suppression of facts and furnishing of wrong information by a student at any time during or after admission by the authority will lead to cancellation of admission.

STREAM/SUBJECT/SHIFT

Following the guidelines of the University, the college authority has the sole right to determine the maximum number of students to be admitted in any subject (General/Honours) or discipline/streams. It is to be noted that the students, once admitted, will not be allowed to change their subject. No change from one shift (day/evening) to the other will be allowed. The seats lying or falling vacant may be filled from the existing students subject to the fulfillment of the eligibility criteria.

TUITION & OTHER FEES

Details of tuition and other fees are given in a separate page annexed to this prospectus. The Transfer fee of the students is equal to one month's tuition fee. A student must pay all the due fees before sitting for any examination.

PRE-RESIDENTSHIP

The facility of free-studentship is available for the meritorious and poor students (holding BPT. Cards). However, the granting of free-studentship is solely under the discretion of the Governing Body of the college.

IDENTITY CARD

Identity Card is issued by the college for each student. A student has to affix his/her passport size photograph on the card and have it duly attested by the Principal/Teacher-in-charge. A sum of Rs. 10/- only is charged for procuring the same at the time of admission. In case of loss of Identity Card, the matter should be immediately reported to the Head of the Institution. A duplicate copy of the Identity Card, in that case, may be collected after paying the requisite fees.

DISCIPLINE

The students are expected to maintain discipline of the college earnestly.

(i) **Class :**
As per norms framed by the Sido Kanho Birsha University the students are required to have a minimum of 75% attendance in the classes to be eligible to sit for the university examinations. So they must attend all their classes regularly. Failing which their names will be struck off the attendance register. Absence from classes will be treated as a breach of discipline and will invite unpleasant actions from the authority.

(ii) **Examinations :**
Students must appear at the college examinations as well as the class tests held from time to time by the respective department alongwith the final University Examination. Deliberate avoidance of class tests and college examinations may move the college authority to debar such erring students from sitting for the final University Examinations.

(iii) **Conduct :**
Negligence in classwork, disorderly conduct, misbehaviour of any sort etc. will invite strict disciplinary measures against the student(s) concerned by the college authority.

THE STUDENTS UNION

The Students' Union is constituted every year in a democratic way by the students in accordance with the rules and regulations of the Sido Kanho Birsha University. The Students' Union organizes Annual Sports, Outdoor and Indoor games, Social and Cultural Functions, Debates, symposia etc. under guidance of the teacher-in-charge. The Students' Union also publishes the College Magazine with the guidance of the Teacher-in-charge of the magazine sub-committee.

ALUMNI ASSOCIATION

The college has an Alumni Association. Efforts are being made and participation and co-operation solicited to strengthen it for the all-round development of the college.

FACILITIES AVAILABLE

(i) **Library :** The college library has a collection of over 28,000 books. A number of periodicals and journals are also available in the library. The library is fully computerized and equipped with modern educational facilities. A new building has been constructed which houses the Library of the College.

(ii) **N.S.S. :** The college has a N.S.S. scheme run in two separate units. The students are encouraged to take active part in the scheme for personality development as well as for the cultivation of the spirit of co-operative social service.

(iii) **Seminar Hall :** The college has a big seminar hall equipped with the updated sound system. Seminars on different academic and social topics as well as the cultural competition and programmes are regularly held in the hall.

(iv) **Flower Garden :** There is a spacious flower garden enriching the scenic beauty of the college campus created with the active assistance of the Raghunathpur Panchayet Samity.

for which the college remains thankful to the Panchayat Samity. The college also possesses a well-maintained herbal garden.

(v) **Drinking Water** : The Department of Public Health Engineering, Govt. of West Bengal has helped the college in providing pure drinking water of the Indo-German Water Project for the students and others in the college premises for which the college remains thankful to the Govt. authorities concerned.

(vi) **Sanitation** : A healthy and modernised sanitation system is provided for the students to keep them sound in body and mind.

(vii) **Games and Sports** : A beautiful playground alongwith equipments of a number of indoor and outdoor games are available in the college. The students demonstrating remarkable sporting skills at the district and / or State level sport and athletes meets may be accorded full-free studentship subject to the approval of the Governing Body of the College. A number of students of our college have received district and state level awards. A multi station Gymnasium has been installed and functioning under the supervision of Physical Education department.

(viii) **Students Canteen and Common Room** : There is a cheap canteen for the students in the college. Separate common rooms for the boys and the girls are also available with necessary facilities.

(ix) **Literary Activities** : The college wall magazine is published from time to time to enable the students to have their literary skills and develop literary creativity.

(x) **Cultural Activities** : Throughout the year, different cultural competitions and programmes are organised including debates, recitations, song-recitals, extempore talk quiz contest etc.

(xi) **Hostel** : Accommodation in the hostel is offered by the college for the meritorious students and also for students from remote areas. Admission in the hostel is done following the rules and regulation framed by the college.

(xii) **Health care Services** : The college endeavours to extend affordable health-care services for the students with the co-operation of the Health Department of the Govt. of West Bengal and the doctors of the Hughanpukur Sub-Divisional Hospital through occasional health camps in the college premises assisted by the Health care sub-committee and the NSS units. A Medical Unit has been established where free medical assistance is provided to the students and staff of the college.

(xiii) **Career Counselling** : A concerted and consistent effort to inform the students of the multiple career options and different courses is made by the members of the career counselling cell of the college comprising teachers. The goal is to encourage the students in pursuing different career opportunities according to their temperament and personal inclination in order to get themselves established in life.

(xiv) **Xerox machine and computer** : The Xerox machine installed in the office and the computers installed in almost all the departments as well as the office have made the official and academic activities smoother and more efficient. A connection to the Internet is also available in the college. Moreover a Xerox machine has been installed in the Library for providing the benefit to the students.

Award : Students of both Honours and Pass Courses having the maximum attendance in classes (with a minimum of 75% attendance) will be duly awarded. The students securing the highest marks in the Final University examinations (one from each stream) will also be awarded if he/she secure at least 50% marks in aggregate.

(E) B. Sc. (Bio) General Course
An applicant for three year degree course Bio-Science (General stream) must take up the following three subjects as his / her Elective subjects
1. Zoology, 2. Botany, 3. Chemistry.

(F) B. Sc. Honours
An applicant can choose either Chemistry or Physics or Mathematics as his / her Honours subject. In addition to this, a student with Chemistry as his/her honours subject must take Physics and Mathematics as elective subjects and a student with Physics as his / her Honours subject must take up Chemistry and Mathematics as elective subjects. For Mathematics Honours students, elective subjects will be Physics and Chemistry. For the students admitted to Botany (Hons.) the elective subjects will be Chemistry and Zoology. For Honours in History a Faculty Development Fee to the tune of Rs. 1000.00 per year will have to be deposited in each year of the course.

(G) B. Com. Honours
A student can apply for Honours in Accountancy.

(H) B. Com. General Course
1. Two compulsory subject
2. Three Elective subjects

Foot Note :- 1) The students who have passed the H.S. Examination in vocational stream will be admitted to the available courses in the college according to the directives of the Sido Kanto Birsha University.
2) It may be noted here that with the introduction of B.C.A. course in the year of 2009, the prospectus pertaining to B.C.A. course will have to be procured by the students from college.

Choice of Elective Subjects :
Students intending to study Honours course are to take up any two Elective Subjects mentioned against each Honours subject.

Honours subjects :	List of Available Elective Subject
Bengali	History, Philosophy, English, Sanskrit, Music
English	History, Philosophy, Economics/Pol. Science, Sanskrit, Music
Sanskrit	Philosophy, Pol. Science, Bengali/History, Music
History	Pol. Science, Philosophy, Economics, Sanskrit, Music
Economics	Mathematics, Physics, Pol. Science, English, Music

(D) B. Sc. (Bio) General Course
An applicant for three year degree course Bio-Science (General stream) must take up the following three subjects as his / her Elective subjects
1. Zoology, 2. Botany, 3. Chemistry.

(E) B. Sc. Honours
An applicant can choose either Chemistry or Physics or Mathematics as his / her Honours subject. In addition to this, a student with Chemistry as his/her honours subject must take Physics and Mathematics as elective subjects and a student with Physics as his / her Honours subject must take up Chemistry and Mathematics as elective subjects. For Mathematics Honours students, elective subjects will be Physics and Chemistry. For the students admitted to Botany (Hons.) the elective subjects will be Chemistry and Zoology. For Honours in History a Faculty Development Fee to the tune of Rs. 1000.00 per year will have to be deposited in each year of the course.

(F) B. Com. Honours
A student can apply for Honours in Accountancy.

(G) B. Com. General Course
1. Two compulsory subject
2. Three Elective subjects

Foot Note :- 1) The students who have passed the H.S. Examination in vocational stream will be admitted to the available courses in the college according to the directives of the Sido Kanto Birsha University.
2) It may be noted here that with the introduction of B.C.A. course in the year of 2009, the prospectus pertaining to B.C.A. course will have to be procured by the students from college.

Conventional Courses

Honours subjects :	List of Available Elective Subject
Political Science	Economics, Sanskrit, English and Bengali/History, Music
Physics	Chemistry, Mathematics
Chemistry	Physics, Mathematics
Botany	Chemistry, Zoology
Mathematics	Physics, Chemistry
Accountancy	Economics Group, Business Group

Professional Course
BCA (Hons) : subsidiary Subjects - Math, Accountancy etc.

Eligibility criteria to apply for admission in Honours courses :

Honours Subject	% of Marks secured in the	
	H.S./Equivalent Exam.	Subject in H.S./Equivalent Exam.
Bengali	45	50
English	50	55
**History	45	50
**Economics	45 (B.A.) 50 (B.Sc.)	45
***Physics	55	50
**Chemistry	55	55
Mathematics	55	55
Botany	45	50
Political Science	45	50
Sanskrit	45	45
Accountancy	45	45

*An applicant, not having History as his/her Subject in H.S. must have at least 60% marks in History in Madhyamik Examination.
** An applicant must have passed Mathematics in H.S. Equivalent Examination.
*** An applicant must have secured 45% marks in Mathematics in H.S./Equivalent Examination.

N.B. - The eligibility criteria for SC/ST students are relaxable as per the Government norms.

Fee :- Structure for the three year Degree Course General and Honours Subject :

	B.A. (Hons.)	B.A. (Gen.)	B.Sc. (Hons.)	B.Sc. (Gen.)	B.Com. (Hons.)	B.Com. (Gen.)
Tuition Fees	75.00	50.00	110.00	85.00	85.00	60.00
Admission Fees	75.00	50.00	110.00	85.00	85.00	60.00
Development Fees	24.00	24.00	24.00	24.00	24.00	24.00
Exam. Fee (College)	50.00	50.00	50.00	50.00	50.00	50.00
Students Union Fees	42.00	42.00	42.00	42.00	42.00	42.00
Sports Dev. Fees	10.00	10.00	10.00	10.00	10.00	10.00
Medical Fees	12.00	12.00	12.00	12.00	12.00	12.00
Building Repair fees	70.00	70.00	70.00	70.00	70.00	70.00
Electricity Fees	64.00	64.00	64.00	64.00	64.00	64.00
NAAC Fees	20.00	20.00	20.00	20.00	20.00	20.00
Registration Fees	50.00	50.00	50.00	50.00	50.00	50.00
*Migration Fees	50.00	50.00	50.00	50.00	50.00	50.00 *
Enrolment Fees	40.00	40.00	40.00	40.00	40.00	40.00
Library Fees	100.00	100.00	100.00	100.00	100.00	100.00
Laboratory Fees	-	-	200.00	100.00	-	-
University sports Fees	20.00	20.00	20.00	20.00	20.00	20.00
Miscellaneous Fees	150.00	150.00	150.00	150.00	150.00	150.00
Fee Book	5.00	5.00	5.00	5.00	5.00	5.00
I. Card	10.00	10.00	10.00	10.00	10.00	10.00

* Migration fees will be required to be paid only by the student coming from other University.

Page 11

**The members of the Governing Body of
Raghunathpur College**

1. Dr. Prasanta Banerjee	President	
2. Prof. Sanjay Kumar Chanda	Teacher-in-charge & Secretary	
3. Dr. Bhaskar Chandra Bhadra	Mission Road, Raghunathpur	Govt. Nominee
4. Dr. Nirojita Koley	Panchin Palli, Raghunathpur	University Nominee
5. Sri Prasenjit Sengul	Palourita, Raghunathpur	University Nominee
6. Smt. Malika Sanyal	H.M. Raghunathpur Girls H.S.	University Nominee
7. Dr. Srikrishna Nandy	Associate Prof. R.N.Pur College	Teacher Representative
8. Dr. Pradipta Gangopadhyay	Associate Prof. R.N.Pur College	Teacher Representative
9. Sri Anil Gangopadhyay	Assistant Prof. R.N.Pur College	Teacher Representative
10. Smt. Tapati Bera	Raghunathpur College	Non-Teacher Representative
11. Sri Debasis Paul	Raghunathpur College	Non-Teacher Representative
12. Sri Kirti Acharya	G.S. Students Union, R.N.Pur College	Students Representative

Page 12

LIST OF TEACHING STAFF

Teacher-in-charge : Prof. Sanjay Kumar Chanda M.Sc.

Department	Faculties	Designation	Qualification
Bengali	1. Sri Asit Ranjan Santra	Asst. Professor	M.A.
	2. Smt. Munmun Basu Santra	Asst. Professor	M.A.
	3. Dr. Jayamoy Mondal	Asst. Professor	M.A., B.Ed. M.Phil. Ph.D.
	4. Sri Gour Mohan Dutta	Asst. Professor	M.A., B.Ed.
	5. Ms. Nibedita Dinda	Part-Time Lect.	M.A., M.Phil.
	6. Sri Ranjit Saha	Part-Time Lect.	M.A.
English	1. Sri Ashish Gangopadhyay	Asst. Professor	M.A., B.Ed.
	2. VACANT		
	3. VACANT		
	4. Sri Subhasree Mukherjee	Part-Time Lect.	M.A.
	5. Sri Chiranjit Ojha	Part-Time Lect.	M.A.
	6. Sri Arindam Chowdhury	Part-Time Lect.	M.A.
	7. Sri Jayanta Chakraborty	Guest Lecturer	M.A.
History	1. VACANT		
	2. Mrs. Sohini Karmakar	Asst. Professor	M.A., M.Phil.
	3. Sri Swasthi Sarkar	Asst. Professor	M.A., M.Ed.
	4. VACANT		
Philosophy	1. VACANT		
	2. Smt. Sampa Das	Asst. Professor	M.A., M.Phil.
	3. Sri Adalait Mahato	Part-Time Lect.	M.A., B.Ed.
	4. Smt. Chaitali Sathu	Part-Time Lect.	M.A.
	5. VACANT		
Political Science	1. Sri Subrata Paria	Asst. Professor	M.A., B.Ed.
	2. Mrs. Punima Chatterjee	Asst. Professor	M.A., M.Phil.
	3. Sri Manoj Kr. Dey	Part-Time Lect.	M.A.
	4. Sri Debashish Deoghorla	Part-Time Lect.	M.A., B.Ed.
	5. Prabin Majee	Guest Lect.	M.A.
Sanskrit	1. VACANT		
	2. VACANT		
	3. Smt. Suradipa Sen Roy	Part-Time Lect.	M.A.
	4. Sri Balaji Acharya	Part-Time Lect.	M.A.
	5. Sri Debashish Majee	Guest Lect.	M.A.
	6. Sunita Sen	Guest Lect.	M.A.

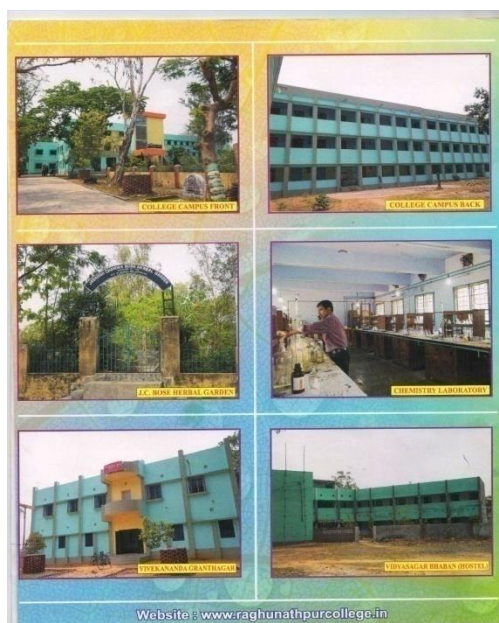
Page 13

Department	Faculties	Designation	Qualification
Economics	1. Dr. Siddhanta Nandi	Associate Prof.	M.Sc., B.Ed., Ph.D.
	2. Sri Jyoti Prakash Mandal	Asst. Professor	M.Sc., B.Ed.
	3. VACANT		
	4. Sri Biswajit Chakraborty	Part-Time Lect.	M.A., B.Ed.
	5. Sri Piyush Mandal	Guest Lect.	M.A.
Mathematics	1. Sri Tarun Kr. Goral	Asst. Professor	M.Sc., B.Ed.
	2. VACANT		
	3. VACANT		
	4. Sri Subhasree Mukherjee	Part-Time Lect.	M.Sc.
	5. Sri Subhasree Mukherjee	Part-Time Lect.	M.Sc.
Physics	1. Dr. Anup Kumar Bhowmik	Associate Prof.	M.Sc., Ph.D.
	2. Dr. Pradipta Gupta Roy	Associate Prof.	M.Sc., Ph.D.
	3. Miss. Mumuksha Paria	Asst. Professor	M.Sc.
	4. VACANT		
	5. Sri Chaitanya Prasad Singh	Guest Lect.	M.Sc.
Chemistry	1. VACANT		
	2. Smt. Archana Tarafdar	Associate Prof.	M.Sc.
	3. Smt. Subhasree Choudhury	Asst. Professor	M.Sc.
	4. Sri Bhaskar Bhowmik	Asst. Professor	M.Sc.
	5. Sri Somnath Karmakar	Asst. Professor	M.Sc.
Botany	1. Dr. Niranjan Koley	Guest Lecturer	M.Sc., Ph.D.
	2. Dr. Soumen Jana	Part-Time Lect.	M.Sc., Ph.D.
	3. Manoj Das	Guest Lect.	M.Sc., Ph.D.
	4. Dr. Tapas K. Dutta	Associate Prof.	M.Sc., Ph.D.
	5. Dr. Subhasree Chatterjee	Asst. Professor	M.Sc., Ph.D.
Zoology	1. VACANT		
	2. VACANT		
	3. Miss. Ananta Roy	Part-Time Lect.	M.Sc.
	4. Sri Rajak K. Maji	Part-Time Lect.	M.Sc.
	5. Sri Sandip Sarkar	Guest Lecturer	M.Sc.
Commerce	1. Sri Srimoyi Chakraborty	Asst. Professor	M.Com.
	2. Dr. Arindam Ch. Bera	Asst. Professor	M.Com./AICWA, Ph.D.
	3. Sri Sandip Sarkar	Guest Lecturer	M.Sc.
	4. Sri Ratnabandhu Nig	Lect. on Contractual basis	M.C.A.
	5. Sri Sangeeta Mahapatra	Lect. on Contractual basis	M.C.A.
Physical Education	1. Sri Dipankar Samrangan	Lect. on Contractual basis	M.P.E.D.
	2. Dr. Pradipta Choudhury	Guest Lecturer	M.P.E.D., Ph.D.
	3. Dr. Pradipta Choudhury	Guest Lecturer	M.P.E.D., Ph.D.
	4. Dr. Pradipta Choudhury	Guest Lecturer	M.P.E.D., Ph.D.
	5. Dr. Pradipta Choudhury	Guest Lecturer	M.P.E.D., Ph.D.
Music	1. Miss Anamika Mishra	Lect. on Contractual basis	B.Mus.
	2. Dr. Pradipta Choudhury	Lect. on Contractual basis	Ph.D.
	3. Dr. Pradipta Choudhury	Lect. on Contractual basis	Ph.D.
	4. Dr. Pradipta Choudhury	Lect. on Contractual basis	Ph.D.
	5. Dr. Pradipta Choudhury	Lect. on Contractual basis	Ph.D.

Page 14

LIST OF TEACHING STAFF

Department	Faculties	Designation	Qualification
Biology	1. VACANT	Head Class	
	2. VACANT	Head Class	
	3. Sri Subhasree Mukherjee	Asst. Professor	M.A.
	4. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	5. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	6. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	7. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	8. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	9. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	10. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	11. VACANT	Asst. Professor	B.Sc.
	12. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	13. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	14. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	15. VACANT	Asst. Professor	B.Sc.
	16. VACANT	Asst. Professor	B.Sc.
	17. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	18. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	19. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	20. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	21. VACANT	Asst. Professor	B.Sc.
	22. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.
	23. VACANT	Asst. Professor	B.Sc.
	24. VACANT	Asst. Professor	B.Sc.
	25. Sri Subhasree Mukherjee	Asst. Professor	B.Sc.



Annexure 5.1: Prospectus of the College (2013-2013)

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.?

To become a centre of excellence and to provide quality education with modern infrastructural supports empowering students for all round developments which will cause self-development as well as development in the society. Development of an eco-friendly environment in the college premises is one of the major agenda. To impart value-based education and society related programmes through NSS are the major goals.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Governing Body of the college which comprises of the members of Government nominee, University nominee, Principal, Teachers' representatives, Non-teaching representatives, and Students' Union representative and a person interested in higher education generally formulates the policy and plans in consultation with various committees (24 in Nos.) in the college. The united drives lead to designing and implementation of the policies and plans.

6.1.3 What is the involvement of the leadership in ensuring :

- the policy statements and action plans for fulfillment of the stated mission
- formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

The leadership frequently sits with the members of the various committees and invites their suggestions to promote the academic environment. The leadership also seeks for students' views as regards the development of the college and

incorporates the suggestions whenever it feels those are made on realistic basis. They also seek suggestions from guardians, eminent people of the locality.

- 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?

Generally members of the various committees sit to discuss the issue to be addressed and to find means to reach the goals. They inform the proceedings to the Principal so that they can take effective measures whenever needed.

- 6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The top management (The Governing Body) provides sufficient supports to the departmental heads to formulate the departmental policies in consultation with faculty members.

- 6.1.6 How does the college groom leadership at various levels?

There is a convener of each committee (like UGC advisory committee). The Convener meets in a meeting with other members and discusses the related issues. There are 24 committees in the college to monitor various activities and to apprise the Principal regarding their observations.

- 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?

The college provides operational autonomy to all the departments to formulate the policies and to implement those with the cooperation of management.

- 6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

No

6.2 Strategy Development and Deployment

- 6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

IQAC was formed with a mission of quality development.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

As the college is developing so there is need to adopt perspective plans with an eye to the needs of the institution. For example, extension of class-rooms, laboratories, office rooms, hostel rooms, tree plantations, gardening etc.

6.2.3 Describe the internal organizational structure and decision making processes.

There are 24 committees, 17 departments, office employees union, students' union. The suggestions are put to the Principal who in turn places these in the meeting of the GB to take ultimate decision(s).

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

Teaching/learning: Teachers provide sufficient time for class room teaching along with audio-visual devices whenever required. They also sit with the students to monitor individual advancements in studies. Research/Development: Most of the teachers are engaged in active research. Community engagement: Through NSS the college serves the community. Human resource management: The college strives to encourage the students, office employees, faculty members by promoting friendly but development oriented temperaments.

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 institution?

The head of the institution always keeps contact with the teachers, employees, students, guardians to review the activities of the institution.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management seeks suggestions from members of the staff for the development of the college. The suggestions are placed in the meeting of the GB by the Principal.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

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?

No

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?

The institute has well defined grievance redressal procedure. Prompt and effective disposal of grievances of various stakeholders are being done. Institute has constituted a Grievances Redressal Committee. This committee discusses the matter with Teacher-in-Charge to solve the problem.

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? **Nil**

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?

Departments provide feedback forms to the students to express their views. The departmental teachers sit in a meeting with the feedback forms thus received and take decisions for betterment of performance.

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?

Members of the teaching and non-teaching staff are encouraged by providing computers for the professional development. Teachers are always encouraged in research works.

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?

Faculty members are encouraged to participate in workshops, seminars, orientation and refresher courses. They are also encouraged to involve in researches.

- 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.

No specific performance appraisal system of the staff is in force in the college.

- 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?

NA

- 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?

Employees' Credit Co-operative Society is formed to extend help to the respective employees whenever required. Moreover, free medical check-up is provided to all the employees and students.

- 6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

There is no such mechanism adopted here as the authority has little power in this regard.

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?

Different committees are formed to monitor effective and efficient use of available financial resources.

- 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.

For internal audit regular checking of accounts and allied activities are done by teacher-in-charge, bursar and convenors of different committees entrusted to handle respective funds. For external audit auditor is appointed from the office of the D.P.I from time to time.

When was the last audit done and what are the major audit objections? Provide the details on compliance.

- Last audit was done on 30.11.2012 for the F.Y. 2011-12.
There was no objection.

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.

Major source->fees received from the students from time to time

-> Grants received from UGC.

-> Grants received from DPI

Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

YEAR	INCOME		EXPENDITURE	
2009-10	Fees	Rs 26,32,891.00	Fees and other charges	Rs 30,58,667.00
	Grants from UGC	Rs 28,96,258.00	Capital expenditure	Rs 37,74,226.00
	Grants from DPI	Rs 43,62,845.00	Salary to adhoc staff	Rs 4,07,917.00
	Other receipts	Rs 14,135.00		
2010-11	Fees	Rs 27,20,306.00	Fees and other charges	Rs 43,77,803.00
	Grants from UGC	Rs 18,20,000.00	Capital expenditure	Rs 42,42,493.00
	Grants from DPI	Nil	Salary to adhoc staff	Rs 4,07,917.00
	Other receipts	Rs 5,73,018.00		
2011-12	Fees	Rs 37,69,584.00	Fees and other charges	Rs 34,69,037.00
	Grants from UGC	Rs 18,20,000.00	Capital expenditure	Rs 41,18,109.00
	Grants from DPI	Nil	Salary to adhoc staff	Rs 4,07,917.00
	Other receipts	Rs 5,79,721.00		
2012-13	Fees	Rs 38,05,675.00	Fees and other charges	Rs 39,81,678.00
	Grants from UGC	Rs 12,50,000.00	Capital expenditure	Rs 35,87,150.00
	Grants from DPI	Nil	Salary to adhoc staff	Rs 4,07,917.00
	Other receipts	Rs 5,82,333.00		

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Request for mobilization of fund through proper authority is made to different industrial houses, M.P and M.L.A.

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)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?
- b. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?
- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.
- d. How do students and alumni contribute to the effective functioning of the IQAC?
- e. How does the IQAC communicate and engage staff from different constituents of the institution?

Yes, the institution is having its IQA Cell. Following is the composition of the same:

- Prof. Samir Kumar Chanda(Teacher-in-Charge)
- Dr. Srinibas Nandi (Convener)
- Dr. Pradeepta Guptaroy (member)
- Dr. Abhas Kumar Basu (member)
- Prof. Asit Ranjan Santra (member)
- Dr. Bhaskar Biswas (member)

Within the existing academic and administrative system, the institution has developed mechanisms of its own for the quality assurance. The academic quality of the institution is evaluated on the basis of the performance of the students in their examinations. The teachers also judge the student's academic abilities by way of question-answer and written tests. The poor students are helped by the teachers to improve their academic quality by taking extra classes and providing books and literature. The administrative system also looks after the quality education in the institution. The different committees set up by the institution are always aware to the administrative needs.

The academic quality of the institution is maintained by the teaching and learning processes. The administrative quality is maintained by the effective functions carried out by the various committees. Head of the Institution conducts meeting regularly and visit the classrooms to ensure proper delivery of the material and timely completion of course as per syllabus in time. The students play a major role in assuring quality of education imparted by the institution. It is through their active participation in classrooms that the quality of the education is maintained. Students are punctual and attend classes regularly. They also interact with the class teachers and request for extra classes if needed. They approach to the teachers for the solution of their problems related to their syllabus. Their participation is also assured by involving them in Cultural and other activities. The students also approach to the head of the institution directly for the redressal of their problems. 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.

- 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.

The IQAC, the planning body, collects inferences from the learners and various committees through participatory interactions, based on which it proposes comprehensive perspective plan to the Governing Body for approval and implementation.

- 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.

The institution ensures that the decisions based on the findings of the IQAC are fully adhered to.

- 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?

There is no provision for this.

- 6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

In the case of the institution the external regulatory authority is the Affiliating University, S.K.B University and we make the compliances as per their needs and requirements.

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?

The institute's approach to the learning outcome assessment is defined clearly. Faculty is best suited to determine the intended educational outcomes of their academic programs and activities. The results of Outcome Assessment are used to evaluate the effectiveness of academic programs and activities, and student services, and not the performance of individual faculty or staff. Faculty use the information collected to develop and improve academic programs.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution has evolved a stakeholders' web by forming different platforms like College Advisory Board, alumni, Parent Teacher Meet and various committees with a fair representation of students. The IQAC in the planning process considers feedbacks collected from all the stakeholders to prepare perspectives on development.

CRITERIA VII

INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

There is no formal conducting of green audit in the institution but the institution is eco friendly.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- * Energy conservation

The college class rooms are so airy and well lighted that they hardly need any artificial lighting. Still the institution has done away with the orthodox lighting system and installed CFLs in the class rooms. This has helped a lot in conservation of electricity.

- * Use of renewable energy We use solar cooker, solar heater, and solar lamp.

- * Water harvesting We have a pond where natural rain water comes in and we use it for garden irrigation and fisheries.

- * Check dam construction..... Nil

- * Efforts for Carbon neutrality

The college at its own level has taken up certain preventive measures to check the emission of carbon dioxide. The college has made arrangements for the parking of the vehicles of the students in the college ground. This helps in keeping the campus as much as possible clean. The dead leaves and the waste papers are not allowed to be put on fire. The leaves are buried in the soil itself and the papers are disposed off.

- * Plantation

A lot of expenditure is incurred to keep the environment green. For this the college support staff is working very whole heartedly. Trees are planted on regular basis. The college organizes programmes like Van Mahotsava every year to inculcate this tradition amongst its students.

- * Hazardous waste management Nil

- * e-waste management..... Nil

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.

The college has made several innovations which have helped smooth out the functioning of the college. These innovations are in academics, administration and other levels of the college working.

Feedback mechanism:

Department wise students give the feedback about the teachers at the end of each academic session. Students of each department are expected to do so for all the teachers concerned with their class. Besides, different steps are taken to improve subject understanding and/or teaching skills. [Annexure:7.1]

Computerization of Administrative Block:

The college has done away with the orthodox system of working in the office. The college administrative block has been largely computerized. The administrative staff has been given formal training to understand the technicalities pertaining to working on the technology.

Computerization of Library:

The college has made the library fully computerized. The library has its INFLIBNET system. The students are provided with web browsing space in the library. The entire functioning of the library is now on the computers.

Academic Innovations:

The institution has introduced many new innovative practices to help the students in their pursuit of attaining quality education. All the teachers have taken additional classes for the students. This has helped them cover up their back log, if any. The teachers have introduced the skill of drafting questions in class tests. This has helped ease the burden of the students and improve the pass percentage.

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 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. We have some video clippings of which some of the lectures were delivered by the renowned persons. We use these clippings for motivating the students. Moreover, the department of physics has a telescope. It is used for sky-watching.

Annexure 7.1: Feedback from the students (ex. Bengali)

Raghunathpur College, Raghunathpur
Purulia 723 133, WB

Students' Feedback Form

Class B.A. 3rd year Subject Bengali Hons.

- Whether the classes were taken by the teacher regularly?
☒ Yes/ by most of the teachers/ ☐ by some of the teachers/ ☐ No
- How much syllabus was taught in the class?
(a) 95-100%. (b) ☒ 90%, (c) ☐ 80%, (d) ☐ 70%.
- Whether the teaching of the subject is effective and adequate?
☒ Yes/ ☐ Effective but inadequate/ ☐ No
- Whether class tests were taken by the teachers:
☒ Yes/ ☐ A few/ ☐ No
- How helpful were the teachers in advising ?
☒ (a) They were helpful in and outside the class.
☐ (b) Some times helpful.
☐ (c) Indifferent
- Whether the books from the library are available ?
☒ Yes/ ☐ Not sufficient.
- Whether the apparatus and equipment in the laboratory are sufficient ?
☐ Yes/ ☐ No/ ☐ Not applicable.
- Your opinion about the department : I got so much love, and a lot of help to study in the collage and the subject from our department.
- Suggestions (if any) : If we get more books from our own department it will be better.

Date 20.3.2013 Signature of the student
Anindita choudhury

C) PROFILE OF THE DEPARTMENTS

EVALUATIVE REPORT OF THE DEPARTMENTS

1. Name of the department : **BENGALI**
2. Year of Establishment: 1961 (Hons-1973)
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :UG
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:NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :NA
8. Details of courses/programmes discontinued (if any) with reasons:NA
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	04	03+(1 on Lien)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Asit Ranjan Santra	M.A.B.ED.	Associate Prof.	Modern Poetry	16Years	Nil
Munmun Basu	M.A.B.ED.	Associate Prof	Drama & Stage	16Years	Nil
Dayamoy Mandal	M.A.M.Phil,Ph.D	Assistant Prof	Madhyayuger sahitya	On Lien From June,2012	Nil
Gour Mohan Datta	M.A.B.ED	Assistant Prof.	Katha-sahitya	11Years	Nil
Nibedita Dinda	M.A.M.Phil	Part-time Lect.	Folk Literature	04 Years	Nil
Ranjit Kr. Sahis	M.A.B.ED	Part-time Lect	Folk Literature	03Years	Nil

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (programme wise)
by temporary faculty : 15%
13. Student -Teacher Ratio (programme wise):

Session	1 st Yr		2 nd Yr		3 rd Yr	
	H	G	H	G	H	G
2009-2010	55:4	390:4	50:4	355:4	50:4	248:4
2010-2011	55:4	405:4	52:4	385:4	52:4	298:4
2011-2012	59:5	448:5	55:5	412:5	55:5	358:5
2012-2013	61:5	505:5	58:5	475:5	58:5	385:5

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NA
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG: 5 PG.
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received
18. Research Centre /facility recognized by the University
19. Publications:
 - * a) Publication per faculty : Total No. of publications 4 in last 4 years
 - * 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 : **Rather Rasi: Samya Bhabar Sanglap**-1) G.M. Datta.- Rabindranather Rajnaitik Natak O Rather Rasi, 2) A.R.Santra-Namkaran Prasanga. ISBN-978-93-81684-30-6
 - * **Rabindranather Dakghar** : 1)) A.R.Santra- Namkaran Prasanga, 2) G.M. Datta- Dakghar natke kabiraj o raj- kabiraj caritra ISBN-978-93-83016-14-3
 - * 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 : NA
 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: Dr.Layek Ali Khan(V.U.)
 25. Seminars/ Conferences/Workshops organized & the source of funding
 - a)National
 - b)International
 - * Seminer: Sardhasatabarse Rabindranath 2011(in Golden Jubilee Year of the college):funding-Raghunathpur College
 26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BNG HONS 2009-10	200	55	35	15	97.05%
BNG HONS 2010-11	250	55	30	22	92.30%
BNG HONS 2011-12	250	59	45	10	100%
BNG HONS 2012-13	280	61	38	20	98.05%
BNG PASS 2009-10	800	390	250	125	95.20%
BNG PASS 2010-11	850	405	265	130	93.00%
BNG PASS 2011-12	1000	448	295	143	96.20%
BNG PASS 2012-13	1200	505	380	120	93.50%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA HONS 2009-10	100%	NIL	NIL
BA HONS 2010-11	100%	NIL	NIL
BA HONS 2011-12	100%	NIL	NIL
BA HONS 2012-13	100%	NIL	NIL
BA PASS 2009-10	100%	NIL	NIL
BA PASS 2010-11	100%	NIL	NIL
BA PASS 2011-12	100%	NIL	NIL
BA PASS 2012-13	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

29. Student progression

Student progression	Against% enrolled
UG to PG	55%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
• Campus selection	NA
• Other than campus recruitment	10%
Entrepreneurship/Self-employment	25%

30. Details of Infrastructural facilities

- a) Library : Departmental & Central Library
- b) Internet facilities for Staff & Students :NA
- c) Class rooms with ICT facility : NA
- d) Laboratories :NA

31. Number of students receiving financial assistance from college, university, government or other agencies :All SC,ST,Minority Class Students are receiving financial assistance from government.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :Nil

33. Teaching methods adopted to improve student learning :Lecture Method & Audio-Visual Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :Teacher (Prof.Gour Mohan Datta) & few students of the department are involved

in NSS activities actively.

35. SWOC analysis of the department and Future plans : Seminars , Workshops etc.

EVALUATIVE REPORT OF THE DEPARTMENTS

Name of the Department : **English**

1. Year of Establishment:
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (H& G)
3. Names of Interdisciplinary courses and the departments/units involved: NIL
4. Annual/ semester/choice based credit system (programme wise) :Annual
5. Participation of the department in the courses offered by other departments:NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :NIL
7. Details of courses/programmes discontinued (if any) with reasons
8. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	3	1

9. 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
Ashish Gangopadhyay	M.A., B.Ed.	Asst. Professor	Modern Poetry	12 years	nil
Sabyasachi Mukherjee	M.A.	Part-time teacher	Indian English Literature	3years	nil
Arindam Choudhury	M.A., B.Ed	Part-time teacher	Romantic Literature	3years	nil
Anupam Neogi	M.A., B.Ed	Guest Lecturer	Romantic Literature	2 years	nil
Jayanta Chakraborty	M.A.	Guest Lecturer	British Drama	5 years	nil

10. List of senior visiting faculty: NIL
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 66%
12. Student -Teacher Ratio (programme wise):

	1 st Year	2 nd Year	3 rd Year
2010	44:1	35:1	30:1
2011	40:1	37:1	31:1
2012	52:1	46:1	41:1
2013	48:1	42:1	40:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
14. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. : PG- 5
15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL
16. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL
17. Research Centre /facility recognized by the University : NIL
18. Publications:
 - * a) Publication per faculty : 2 in last four years
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students : 1
 - * 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 :2
 - * Books Edited : Nil
 - * Books with ISBN/ISSN numbers with details of publishers: Nil
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
19. Areas of consultancy and income generated : NIL
20. Faculty as members in
21. National committees b) International Committees c) Editorial Boards.... : NIL

22. Student projects
23. Percentage of students who have done in-house projects including inter departmental/programme : NIL
24. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : NIL
25. Awards/ Recognitions received by faculty and students : NIL
26. List of eminent academicians and scientists/ visitors to the department: Nil
27. Seminars/ Conferences/Workshops organized & the source of funding
28. a)National : NIL
29. b)International: NIL
30. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
BA. HONS 2010	200	50	38-09	67.85%
BA. HONS 2011	255	50	29-13	90%
BA. HONS 2012	308	55	32-16	96%
BA. HONS 2013	298	55	29-19	46.43%
BA. PASS 2010	876	175	127-29	72.82%
BA. PASS 2011	755	155	109-24	88.46%
BA. PASS 2012	896	192	133-51	72.09%
BA. PASS 2013	787	171	110-42	92.85%

*M=Male F=Female

31. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA. HONS 2009-10	100%	NIL	NIL
BA. HONS 2010-11	100%	NIL	NIL
BA. HONS 2011-12	100%	NIL	NIL
BA. HONS 2012-13	100%	NIL	NIL
BA. PASS 2009-10	100%	NIL	NIL
BA. PASS 2010-11	100%	NIL	NIL
BA. PASS 2011-12	100%	NIL	NIL
BA. PASS 2012-13	100%	NIL	NIL

32. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. : 3
33. Student progression

Student progression	Against % enrolled
UG to PG	2010-75% 2011-70% 2012-66% 2013-72%
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	60%
Entrepreneurship/Self-employment	25%

32. Details of Infrastructural facilities

Library : YES, Central and Departmental Library

Internet facilities for Staff & Students : NO

Class rooms with ICT facility: NO

Laboratories: NO

34. Number of students receiving financial assistance from college, university, government or other agencies:

YEAR	HALF FREE	FULL FREE
2010	4	7
2011	6	7
2012	5	9
2013	4	10

35. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Special Lecture by Prof. Chhandam Deb, J.K.College, Purulia on Macbeth

36. Teaching methods adopted to improve student learning: audio-visual aids, film-shows, group discussions, unit tests

37. Participation in Institutional Social Responsibility (ISR) and Extension activities

38. SWOC analysis of the department and Future plans

EVALUATIVE REPORT OF THE DEPARTMENTS

1. Name of the department : **Sanskrit**
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG
4. Names of Interdisciplinary courses and the departments/units involved: Bengali, English, Philosophy
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: Bengali, Philosophy, Political Science, History
7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil.
8. Details of courses/programmes discontinued (if any) with reasons : No
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	2	0
Part- Time	2	2
Guest Faculty		1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Suradipa Roy sen	M.A.	Part-time	Kavya	7+	
Balai Acharjee	M.A.	Part-time	Kavya	5+	
Sumita Sen	M.A.	Guest	Kavya	3+	

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 33%
13. Student -Teacher Ratio (programme wise): 105:3
14. Number of academic support staff (technical) and administrative staff; sanctioned

and filled: Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: PG -- 3
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: Nil
19. Publications:
20. a) Publication per faculty : Nil
21. Number of papers published in peer reviewed journals (national / international) by faculty and students : Nil
22. 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
23. a) Publication per faculty : Nil
24. Number of papers published in peer reviewed journals (national / international) by faculty and students : Nil
25. 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
 - Citation Index
 - SNIP
 - SJR
 - Impact factor
 - h-index
26. Areas of consultancy and income generated : Nil
 27. Faculty as members in : Nil
 - a) National committees b) International Committees c) Editorial Boards....
 28. Student projects : Nil
 - a) Percentage of students who have done in-house projects including inter

departmental/programme

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
29. Awards/ Recognitions received by faculty and students: Nil
30. List of eminent academicians and scientists/ visitors to the department: Nil
31. Seminars/ Conferences/Workshops organized & the source of funding
32. a)National : Seminar on “Reflection of Vedantic Thoughts in Swami Vivekananda” & Source of Funding-- UGC
33. b)International
34. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage

a) *M=Male F=Female

35. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. Hons.	100%		
B.A.Pass	100%		

36. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? two students have cleared defence service.

37. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	
PG to Ph.D.	nil
Ph.D. to Post-Doctoral	Nil
Employed Campus selection Other than campus recruitment	5
Entrepreneurship/Self-employment	10

38. Details of Infrastructural facilities
- a) Library : yes
 - b) Internet facilities for Staff & Students : No
 - c) Class rooms with ICT facility: No
 - d) Laboratories: NA
39. Number of students receiving financial assistance from college, university, government or other agencies: 40%
40. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil
41. Teaching methods adopted to improve student learning: Nothing Special
42. Participation in Institutional Social Responsibility (ISR) and Extension activities: Some students are deeply engaged in NSS activities.
43. SWOC analysis of the department and Future plans

Evaluative Report of the Departments

1. Name of the department : **HISTORY**
2. Year of Establishment: 1961[HONOURS—1969-1970]
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)-UG [IN HONOURS AND GENERAL COURSES]
4. Names of Interdisciplinary courses and the departments/units involved-[BENGALI, SANSKRIT, ENGLISH, POLITICAL SCIENCE,SOCIOLOGY,GEOGRAPHY]
5. Annual/ semester/choice based credit system (programme wise) -ANNUAL
6. Participation of the department in the courses offered by other departments-NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. -NA
8. Details of courses/programmes discontinued (if any) with reasons -NA
9. Number of Teaching posts

	Sanctioned	Filled
Professor	nil	
Associate Professor		
Asst. Professor	04	02
Part-time Lecturer	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Sohini Sinha	MA, Mphil	Asst. Professor	Economic History of Bengal	Three years nine months	no
Swadhin Sarkar	MA, M.ED	Asst. Professor	India in 18 th century	Three years nine months	no
Pampa Chaterjee	MA	Part-time Lecturer	Modern India	Nine years five months	no
Biplab Majee	MA	Part-time Lecturer	Modern Europe	Eight years	no
Janardan Mahatha	MA	Part-time Lecturer	Regional history of Bengal		

11. List of senior visiting faculty-NA-
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty-30%

13. Student -Teacher Ratio (programme wise)

Name of the Course	Number of the Student Number of the students	Number of the Teacher	Ratio
Part one [hons-2009-10]	55	5	11:1
Part one [gen-2009-10]	295	5	59:1
Part one [hons-2010-11]	55	5	11:1
Part one [gen-2010-11]	290	5	58:1
Part one [hons-2011-12]	61	5	12:1
Part one [gen-2011-12]	310	5	62:1
Part one [hons-2012-13]	61	5	12:1
Part one [gen-2012-13]	320	5	64:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled-NA

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.-[Two Mphil and three PG]

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-NA

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received-NA

18. Research Centre /facility recognized by the University-NA

19. Publications:

* a) Publication per faculty

* 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 –NA

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....-NA

22. Student projects -NA

a) Percentage of students who have done in-house projects including inter departmental/programme-25%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies-NA

23. Awards/ Recognitions received by faculty and students-NA

24. List of eminent academicians and scientists/ visitors to the department-NA

25. Seminars/ Conferences/Workshops organized & the source of funding –UGC sponsored State Level Seminar on 9th September,2010

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled *M *F	Pass percentage
Part one [hons-2009-10]	120	55	M-35 F-20	Part one-50% Part two-48% Part three-50%
Part one[hons-2010-11]	170	55	M-30 F-25	Part one-40% Part two-87% Part three-61%
Part one[hons-2011-12]	200	61	M-32 F-29	Part one-65% Part two-51% Part three-52%
Part one[hons-2012-13]	260	61	M-31 F-30	Part one-90% Part two-63% Part three-64%
Part one [gen-2009-10]	500	158	M-107 F-51	43.75%
Part one[gen-2010-11]	600	160	M-127 F-33	49%
Part one[gen-2011-12]	800	190	M-140 F-50	50%
Part one [gen-2012-13]	1000	180	M-110 F-70	50%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
PART ONE HONOURS& GENERAL	100%	0%	0%
PART TWO HONOURS& GENERAL	100%	0%	0%
PART THREE HONOURS& GENERAL	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? -NO

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library –Departmental Library

b) Internet facilities for Staff & Students

c) Class rooms with ICT facility

d) Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies-NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts- Special Lectures & Seminar

33. Teaching methods adopted to improve student learning-

34. Participation in Institutional Social Responsibility (ISR) and Extension activities-NA

35. SWOC analysis of the department and Future plans-



State-level Seminar Organised by the Department of History, 2010.

Evaluative Report of the Departments

1. Name of the department : **PHILOSOPHY**
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)-UG [GENERAL COURSES]
4. Names of Interdisciplinary courses and the departments/units involved- [BENGALI, SANSKRIT, ENGLISH, POLITICAL SCIENCE, SOCIOLOGY, GEOGRAPHY, HISTORY]
5. Annual/ semester/choice based credit system (programme wise) -ANNUAL
6. Participation of the department in the courses offered by other departments-NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. -NA
8. Details of courses/programmes discontinued (if any) with reasons -NA
9. Number of Teaching posts

	Sanctioned	Filled
Professor	nil	
Associate Professor		
Asst. Professor	02	01
Part-time Lecturer	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Shampa Das	MA, Mphil	Asst. Professor	Vedanta	12 Years 7 Months	no
Adalat Mahato	MA, B.ED	Part-time Lecturer	Vedanta	14 years	no
Chaitali Sdahu	MA	Part-time Lecturer	Logic	Five years	no

11. List of senior visiting faculty-NA-
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty-NA
13. Student -Teacher Ratio (programme wise)

		Student -Teacher Ratio		
		1 ST YEAR	Male	Female
2010	G	432	338	94
2011	G	435	325	110
2012	G	559	424	135

2013	G	701	525	126
------	---	-----	-----	-----

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled-NA
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.-[Two Mphil and three PG]
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received-NA
18. Research Centre /facility recognized by the University-NA
19. Publications: NA
20. Areas of consultancy and income generated –NA
21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards....-NA
22. Student projects -NA
 - a) Percentage of students who have done in-house projects including inter departmental/programme-25%
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies-NA
23. Awards/ Recognitions received by faculty and students-NA
24. List of eminent academicians and scientists/ visitors to the department-NA
25. Seminars/ Conferences/Workshops organized & the source of funding –NA
26. Student profile programme/course wise:

Name of the Course (refer question no. 4)		Applications received	Selected	*M	Enrolled *F	Pass percentage %
2010	I	150	371	15	03	57.95
	II		174		5+5=10	77
	III		200		2+1=3	95.5
2011	I	450	520			60.3
	II		206			56.3
	III		146			80.8
2012	I	500	268			77.61
	II		324			68.82
	III		233			46.3
2013	I	90				
	II		290		52.75	
	III		88		95.45	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
PART ONE HONOURS& GENERAL	100%	0%	0%
PART TWO HONOURS& GENERAL	100%	0%	0%
PART THREE HONOURS& GENERAL	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? -NO

29. Student progression

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library –Departmental Library

b) Internet facilities for Staff & Students

c) Class rooms with ICT facility

d) Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies-NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts- Special Lectures & Seminar

33. Teaching methods adopted to improve student learning-

34. Participation in Institutional Social Responsibility (ISR) and Extension activities- NA

35. SWOC analysis of the department and Future plans-

Evaluative Report of the Departments

1. Name of the department : **Sociology**
2. Year of Establishment: 2012
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)-UG
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:NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc:NA.
8. Details of courses/programmes discontinued (if any) with reasons:NA
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors		
Guest Lecturer		2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Arpita Chakraborty	MA	Guest Lecturer		1	
Sabyasachi Tewari	MA	Guest Lecturer		nil	

11. List of senior visiting faculty:NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:100%
13. Student -Teacher Ratio (programme wise):20:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:NA

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG:PG.
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:NA
18. Research Centre /facility recognized by the University:NA
19. Publications: NA
 - * a) Publication per faculty
 - * 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
21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards....
22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
23. Awards/ Recognitions received by faculty and students
24. List of eminent academicians and scientists/ visitors to the department

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National

b)International

26. Student profile programme/course wise:

Name of the Course (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
UG (2012-15)	50	25	02 23	
UG (2013-16)	50	14	05 09	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
	100		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

29. Student progression

Student progression	Against % enrolled
UG to PG	
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 : 21 books in departmental library

b) Internet facilities for Staff & Students: nil

c) Class rooms with ICT facility: 1

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

33. Teaching methods adopted to improve student learning: Unit Test, Student Teacher interactins

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: 10 students have been participating regularly in NSS activities.

35. SWOC analysis of the department and Future plans: To improve the department at its level .

Evaluative Report of the Departments

1. Name of the department : **Geography**
2. Year of Establishment: **2013**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG (H)**
4. Names of Interdisciplinary courses and the departments/units involved: Economics, Political Science, Sanskrit, Philosophy, History, English
5. Annual/ semester/choice based credit system (programme wise) : **ANNUAL**
6. Participation of the department in the courses offered by other departments: **No**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NO**
8. Details of courses/programmes discontinued (if any) with reasons :**NO**
9. Number of Teaching posts

	sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	-	-
Part time teacher	0	0
Contractual		2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Anwar Ansary	M.A, B.Ed		Geomorphology	6 months	-
Sabita Majhi	M.A, B.Ed		Urban Geography	6 months	-

11. List of senior visiting faculty: **NO**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **100%**

13. Student -Teacher Ratio (programme wise):

		Student -Teacher Ratio		
		1 ST YEAR	2 ND YEAR	3 RD YEAR
2013	H	26:2		

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

POST SANCTIONED	POST FILLED
-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG: **2 PG**

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: **NILL**

18. Research Centre /facility recognized by the University: **NO**

19. Publications:

Name	2010	2011	2012	2013
Anwar Ansary	Nil	Nil	Nil	Nil
Sabita Majhi	Nil	Nil	Nil	Nil

* a) Publication per faculty :

* b) Number of papers published in peer reviewed journals (national / international) by faculty and students : Nil

* c) 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

* d) Monographs: Nil

* e) Chapter in Books: Nil

* f) Books Edited : one

* g) Books with ISBN/ISSN numbers with details of publishers One (SPS)

* h) Citation Index

* i) SNIP

* j) SJR

* k) Impact factor

* l) h-index

20. Areas of consultancy and income generated : **NILL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....: **Nill**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **NO**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **Nill**

23. Awards/ Recognitions received by faculty and students: **NO**

24. List of eminent academicians and scientists/ visitors to the department: **Nill**

25. Seminars/ Conferences/Workshops organized & the source of funding : **Nill**

a)National : one; UGC sponsored

b)International: Nil

26. Student profile programme/course wise:

Name of the Course (refer question no. 4)		Applications received	Selected	Enrolled		Pass percentage %
*M	*F					
B.A	H	30	26	15	11	Subject started in the college in 2013

*M=Male F=Female

27. Diversity of Students

Name of the Course	YEAR	% of students from the same state	% of students from other States	% of students from abroad
B.A Geography (H)	2013	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? : **00**

29. Student progression

Student progression	Against % enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-

Student progression	Against % enrolled
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

a) Library: **College Library**

b) Internet facilities for Staff & Students: **No**

c) Class rooms with ICT facility: **No**

d) Laboratories **YES, One Laboratoy**

31. Number of students receiving financial assistance from college, university, government or other agencies

YEAR	HALF FREE	FULL FREE
2013	-	-

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : **Nil**

33. Teaching methods adopted to improve student learning: **i. Chart**

ii. Model, iii. Demonstration

iv. . Group discussion

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: **NSS**

35. SWOC analysis of the department and Future plans:

To uplift the existing laboratory for running research projects.

Evaluative Report of the Departments

1. Name of the department : **Music**
2. Year of Establishment: 2011
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: All the subjects of Arts
5. Annual/ semester/choice based credit system (programme wise) : ANNUAL
6. Participation of the department in the courses offered by other departments: NO
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :NO
8. Details of courses/programmes discontinued (if any) with reasons :NO
9. Number of Teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors	0	0
Asst. Professors	0	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Anamika Mishra	M.A	Guest Lecturer	Bangla Gan	3 yrs.	-
Binay Krishna Mukherjee	B.A	Guest Lecturer(Accompanist)		3 yrs.	-

11. List of senior visiting faculty: NO
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NO
13. Student -Teacher Ratio (programme wise):

	Student -Teacher Ratio		
	1 ST YEAR	2 ND YEAR	3 RD YEAR
2011	6:2		
2012	7:2	4:2	
2013	18:2	7:2	3:2

14. Number of academic support staff (technical) and administrative staff; sanctioned

- and filled: 0
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG: PG
 16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NO
 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NILL
 18. Research Centre /facility recognized by the University: NO
 19. Publications:
 - * a) Publication per faculty
 - * 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 : NILL
 21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards....NO
 22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme: NO
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NO
 23. Awards/ Recognitions received by faculty and students: NO
 24. List of eminent academicians and scientists/ visitors to the department: NO

25. Seminars/ Conferences/Workshops organized & the source of funding :NO

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)		Applications received	Selected	Enrolled *M *F	Pass percentage%
2011	I	20	8	3+5=8	100
	II				
	III				
2012	I	30	14	2+8=10	RNP
	II			3+4=7	RNP
				0	0
2013	I	35	20	12+6=18	Examination yet to be held.
	II			2+7=9	
	III			2+1=3	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? :NO

29. Student progression

Student progression	Against % enrolled
UG to PG	NIL
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library :

b) Internet facilities for Staff & Students: NO

c) Class rooms with ICT facility: NO

d) Laboratories

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 :NO
33. Teaching methods adopted to improve student learning
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
35. SWOC analysis of the department and Future plans

Evaluative Report of the Departments

1. Name of the department : **Physics**
2. Year of Establishment: **1961**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG (H+G)**
4. Names of Interdisciplinary courses and the departments/units involved: **Chemistry, Mathematics, Computer Science**
5. Annual/ semester/choice based credit system (programme wise) : **ANNUAL**
6. Participation of the department in the courses offered by other departments: **Chemistry, Mathematics**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NO**
8. Details of courses/programmes discontinued (if any) with reasons :**NO**
9. Number of Teaching posts

	sanctioned	Filled
Professors	-	-
Associate Professors	-	3 (by CAS)
Asst. Professors	5	1
Part time teacher	0	0
Contractual		1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Samir Kr. Chanda	M.Sc, B.Ed	Asso. Prof.	Solid State	27 yrs.	-
Dr. Arup K Biswas	M.Sc, Ph.D.	Asso. Prof.	X-ray	29 yrs.	-
Dr. Pradeepta Guptaroy	M.Sc. Ph.D.	Asso. Prof.	Particle Physics	17 yrs	
Dr. Moumita Patra	M.Sc. Ph.D.	Asstt. Prof.	Electronics & Radiophysics	3	

11. List of senior visiting faculty: **NO**
12. Percentage of lectures delivered and practical classes handled (programme wise)

by

		Student -Teacher Ratio		
		1 ST YEAR	2 ND YEAR	3 RD YEAR
2010	H	18:5	15:5	11:5
	G	75:5	70:5	12:5
2011	H	20:5	15:5	12:5
	G	80:5	75:5	10:5
2012	H	20:5	17:5	15:5
	G	90:5	88:5	4:5
2013	H	20:5	16:5	13:5
	G	100:5	95:5	6:5

temporary faculty: **10%**

13. Student -Teacher Ratio (programme wise):

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

POST SANCTIONED	POST FILLED
2 (Lab Attendant)	0 (2 persons have been retired and they are appointed as contractual basis)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG: **3 Ph.D & 2 PG**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **one**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**

18. Research Centre /facility recognized by the University: **NO**

19. Publications:

* a) Publication per faculty :

* b) Number of papers published in peer reviewed journals (national / international) by faculty and students : **20 in last four years (list attached)**

* c) 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.): 20 in last four years

* d) Monographs: Nil

* e) Chapter in Books: Nil

* f) Books Edited : one

* g) Books with ISBN/ISSN numbers with details of publishers **One (SPS) with ISBN**

No. 978-81-925299-1-2.

* h) Citation Index

* i) SNIP

* j) SJR

* k) Impact factor

* l) h-index

20. Areas of consultancy and income generated : **NIL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....: **one**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **NO**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **15%**

23. Awards/ Recognitions received by faculty and students: **NO**

24. List of eminent academicians and scientists/ visitors to the department: List Attached

25. Seminars/ Conferences/Workshops organized & the source of funding : **one**

a)National : one; UGC sponsored

b)International: Nil

26. Student profile programme/course wise:

Name of the Course (refer question no. 4)		Applications received	Selected	Enrolled *M *F	Pass percentage %
2010	I	150	18	15 03	95
	II			5+5=10	90
	III			2+1=3	66
2011	I	60	40	24+6=30	80
	II			6+6=12	100
	III			3+0=3	100
2012	I	75	62	18+8=26	RNP
	II			9+5=14	RNP
	III			0	0
2013	I	90	75	25+15=40	Examination yet to be held.
	II			13+7=20	
	III			1+0=1	

*M=Male F=Female

27. Diversity of Students

Name of the Course	YEAR	% of students from the same state	% of students from other States	% of students from abroad
B.Sc Physics(Hons.+Gen.)	2010	100	0	0
	2011	100	0	0
	2012	100	0	0
	2013	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? : **05**

29. Student progression

Student progression	Against % enrolled
UG to PG	2010-NA 2011-60 2012-60 2013-40
PG to M.Phil.	-
PG to Ph.D.	10
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	5 (OFF CAMPUS)
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

a) Library: **Departmental +Central Library**

b) Internet facilities for Staff & Students: **yes**

c) Class rooms with ICT facility: **yes**

d) Laboratories **YES, four laboratories**

31. Number of students receiving financial assistance from college, university, government or other agencies:

YEAR	HALF FREE	FULL FREE
2010	-	1
2011	-	2
2012	-	2
2013	-	2

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :**FCRTER 2011 (Future of Civilization: Recent Trends in Energy Research, 2011)**

33. Teaching methods adopted to improve student learning: **i. Slide show**

ii. Group discussion

iii. Internal assessment.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
NO
35. SWOC analysis of the department and Future plans:
To uplift the existing laboratory for running research projects.

List of Papers Published by Dr. P. Guptaroy

1. Physics Of Particle Collisions At High Energies : Limits To Phenomenology, Part 3----Goutam Sau, S. K. Biswas, Bhaskar De, **P. Guptaroy**, A. Bhattacharya & S. Bhattacharyya.; *Canadian Journal of Physics* **87**, 135-150 (2009).
2. Analysing J/Ψ Production in Various RHIC Interactions with a Version of Sequential Chain Model (SCM) --- **P.Guptaroy**, Tarun K. Garain, Goutam Sau, S. K. Biswas& S. Bhattacharyya; arXiv:0906.2612v1 [hep-ph] 15 Jun 2009. *Hadronic Journal***32**, 95(2009).
3. Understanding the New High Energy Data-sets Measured by BESS, CAPRICE and PAMELA on Antiproton Flux and \bar{p}/p Ratios --- Goutam Sau, **P. Guptaroy**, A. Bhattacharya & S. Bhattacharyya.; arXiv:0906.3866v2 [astro-ph.HE] 29 Oct 2009. *IL Nuovo Cimento* **B124**, 753(2009).
4. Understanding the Characteristics of Multiple Production of Light Hadrons in Cu+Cu Interactions at Various RHIC Energies – A Model-based Analysis --- **P.Guptaroy**, Goutam Sau, S. K. Biswas& S. Bhattacharyya; arXiv:0907.2008v2 [hep-ph] 4 Aug 2010.*IL Nuovo Cimento* **B125**, 1071-1097(2010).
5. Analyzing non-extensivity of η -spectra in Relativistic Heavy-Ion Collisions at $\sqrt{s_{NN}}=200\text{GeV}$ --Bhaskar De, Goutam Sau, S. K. Biswas, S. Bhattacharyya,**P. Guptaroy**; *International Journal of Modern Physics* **A25**, 1239-1251 (2010).
6. Rapidity Spectra of Heavy Baryons in Nuclear Collisions at Various Energies : A Systematic Approach --- Goutam Sau,**P. Guptaroy**,A. C. Das Ghosh& S. Bhattacharyya; arXiv:1011.2095 v1 [hep-ph] 4 Aug 2010; *IL Nuovo Cimento***B125**, 1379-1393 (2010).
7. মহেন্দ্রলাল সরকার, সমকালীন বিজ্ঞানচর্চা ও ভারতবর্ষীয় বিজ্ঞানসভা: কিছু কথা, কিছু ভাবনা --- প্রদীপ্ত গুপ্তরায় ,*অনুষ্ঠাপিত* ৪৫ (৩), ৪৩-৫৫ (২০১১).
8. Ansatzs, Assumptions and Production of J/Ψ -Particles: A Non-Charmed Approach vs. the Charmed Ones ---**P. Guptaroy**, Goutam Sau, & S. Bhattacharyya; *Chinese. Physics Letters*,**29**(2), 022501 (2012); arXiv:1110.5582 v2 [hep-ph] 30 Mar 2012.
9. On Production of Hadrons in Proton-Proton Collisions at RHIC and LHC Energies and an Approach---**P. Guptaroy**, Goutam Sau, & S. Bhattacharyya; *Journal of Modern Physics*, **3**, 116-123 (2012); arXiv:1110.6612 v1 [hep-ph] 30 Oct 2011.

10. বঙ্গভঙ্গ বিরোধী আন্দোলন -- রবীন্দ্রনাথ, প্রফুল্লচন্দ্র এবং নীলরতন --- প্রদীপ্ত গুপ্তরায়, উৎস মানুষ ৩২(১), ৩১-৩৫(জানুয়ারী-মার্চ, ২০১২).
11. রবীন্দ্রনাথ ঠাকুর, প্রফুল্ল চন্দ্র রায়, নীলরতন সরকার: ব্রাহ্মসমা-জর সা-থ সম্পর্ক--- প্রদীপ্ত গুপ্তরায়, অনুষ্ঠাপক(৩), ৭৯-৮৪ (২০১২).
12. Production of J/ψ-Particles at RHIC and LHC energies: An Alternative 'Psi'-chology---P. **Guptaroy**, Goutam Sau, S. K. Biswas & S. Bhattacharyya, *Open Journal of Microphysics*, **2**, 19-26 (2012).arXiv:1204.4859 v1 [hep-ph] 22 Apr 2012.
13. ঈশ্বর কণা বা হিগস -বাসন --- প্রদীপ্ত গুপ্তরায়, জ্ঞান ও বিজ্ঞান, ৬৬ (৫), ২৪৬-২৫১ (২০১৩).
14. Direct Photon Production at RHIC and LHC-energies: Measured Data Versus a Model --- P. **Guptaroy**, S. Guptaroy, *Chinese Physics Letters*, **30**(6), 062502, (2013); arXiv:1305.5667v1 [hep-ph] 24 May 2013.
15. শিক্ষাবিদ নীলরতন সরকার --- প্রদীপ্ত গুপ্তরায়, আ-রকরকম, ১(১৩), ২৬-৩২ (১জুলাই, ২০১৩).

Paper published by Dr. Moumita Patra:

1. Grain size effect on the magnetic cluster-glass properties of $\text{La}_{0.88}\text{Sr}_{0.12}\text{CoO}_3$
M Patra, S Majumdar, S Giri *Journal of Physics: Condensed Matter* 22(2010), 116001
2. Anomalous magnetic field dependence of magnetocaloric effect at low temperature in $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ single crystal
M Patra, S Majumdar, S Giri, GN Iles, T Chatterji *Journal of applied physics* 107 (2010), 076101
3. Cluster-glass-like state and exchange bias effect in spontaneously phase separated, $\text{Pr}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$
M Patra, S Majumdar, S Giri. *Journal of Applied Physics* 107 (2010), 033912
4. Exchange bias effect in alloys and compounds
S Giri, **M Patra**, S Majumdar. *Journal of Physics: Condensed Matter* 23(2011), 073201
5. Anisotropic Magnetocaloric Effect in Single-crystalline $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$
M Patra, S Majumdar, S Giri, GN Iles, T Chatterji. *Journal of superconductivity and novel magnetism* 24 (2011), 775-777
6. Magnetocaloric effect in RAI_2 (R = Nd, Sm, and Tm): Promising for cryogenic refrigeration close to liquid helium temperature
M Patra, S Majumdar, S Giri, Y Xiao, T Chatterji *Journal of Alloys and Compounds* 531(2012), 55
7. Glassy magnetic phase driven by short-range charge and magnetic ordering in nanocrystalline $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_{3-\delta}$: Magnetization, Mössbauer, and polarized neutron studies
S Sabyasachi, **M Patra**, S Majumdar, S Giri, S Das, VS Amaral, O Iglesias, W Borghols, T Chatterji. *Physical Review B* 86 (2012), 104416
8. Iron nanoparticles from an electrochemical route
R Ray, S Das, **M Patra**, M Thakur. *Nanoscience Methods* 1 (2012), 1

9. Constricted double loop hysteresis and exchange bias attributed to the surface anisotropy in nano-crystalline $\text{La}_{1/3}\text{Sr}_{2/3}\text{Fe}_{1-x}\text{Cr}_x\text{O}_3$
S Sabyasachi, **M. Patra**, S Majumdar, S Giri etc. Journal of Magnetism and Magnetic Materials 344(2013)20, 0304-8853

Evaluative Report of the Department

1. Name of the department : **Chemistry**
2. Year of Establishment: 8th July, 1961 (College); 1969 (B.Sc. With Chemistry General); 1981 (Chemistry Honours); 2011 (PG Chemistry *As a venue of SKB University).
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - (i) UG: B.Sc. (Hons) (ii) UG: B.Sc.(General) (iii) PG: M.Sc. (2011-2013 session)
4. Names of Interdisciplinary courses and the departments/units involved

1.	Chemistry Honours, Physics General, Mathematics General.
2.	Chemistry General, Physics Honours, Mathematics General.
3.	Chemistry General, Mathematics Honours, Physics General.
4.	Chemistry General, Physics General, Mathematics General.
5.	Chemistry General, Botany Honours, Zoology General.
6.	Chemistry General, Botany General, Zoology General.
7.	PG Chemistry with Inorganic/Organic/ Physical as special paper.

5. Annual/ semester/choice based credit system (programme wise)

Programme	Credit system
(A) UG: B.Sc.(Honours)	(i) Unit test: [department (2+2+2)] (ii) Test: [college (1+1+1)] (iii) Annual [university (1+1+1)]
(B) UG: B.Sc. OR B.Sc.(Honours) with Chemistry as General subject	(I) Test [college (1+1+1)] (ii) Annual [university (1+1+1)]
(C) PG: M.Sc.	(I) Unit test: [department] (ii) Semester: [university(1+1+1+1)]

6. Participation of the department in the courses offered by other departments: **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**

8. Details of courses/programmes discontinued (if any) with reasons

*Sidho-Kanho-Birsha University introduced the Post Graduation course in Chemistry in the academic session 2011-2012. Six faculty members of the department of Chemistry, SKBU joined at the end of 2012. At the beginning of 2013-2014 academic session the University shifted the venue of PG Chemistry from our department to their University campus, Purulia.

9. Number of Teaching posts

	sanctioned (Total)	Filled
Professors	06	
Associate Professors		01
Asst. Professors		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
Archana Tarafdar	M.Sc.	Assoc. Prof.	Phy. Chem.	23	
Sadhana Khawas (On lien)	M.Sc.	Asst. Prof.	Org. Chem.	11	
Bhaskar Biswas	M.Sc., Ph.D.	Asst. Prof.	Inorg. Chem.	05	**
Somnath Karmakar	M.Sc.	Asst. Prof.	Phy. Chem.	03	
Niranjan Koley	M.Sc., Ph.D.	Guest Lecturer (Ret. Assoc. Prof.)	Inorg. Chem.	40	
Babli Kumari	M.Sc.	Guest Lecturer	Inorg. Chem.	02	
Rupa Singhania	M.Sc.	Guest Lecturer	No.	02	

**** Dr. Bhaskar Biswas** has just received the award of Young Scientist under Fast Track Scheme of DST (New Delhi) and has been preparing to guide students for Ph.D. degree. Shri Dhananjay Dey, final year M.Sc (Inorg. Special) student of 2011-2013 session of this department has carried out a project under his supervision on the topic “*Synthesis and characterization of two transition metal complexes with a (N,O) donor Schiff base ligand*” for the fulfillment of his M.Sc. degree of Sidho-Kanho-Birsha university.

11. List of senior visiting faculty

Prof. Kamal Bhattacharyya, CU

Prof. Subhas Chandra Bhattacharyya, JU

Prof. Sukalyan Basu, BU

Prof. Chittaranjan Sinha, JU

Prof. Ambikesh mahapatra, JU

Prof. Suman Das, JU

Prof. Pabitra Chattopadhyay, BU

Prof. Inul Ansary, BU

Prof. Suhir Chandra Pal, Midnapore College, Midnapore

Prof. Abdur Rezzak, B.B.College, Asansol

Prof. Samir Kumar Roy, Bankura Christian College, Bankura

Prof. Samaresh Ghosh, Bankura Sammilani College, Bankura

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Session	% of Theoretical Classes		% of Practical Classes	
	Honours	General	Honours	General
2009-10	20%	10%	10%	5%
2010-11	25%	10%	20%	5%
2011-12	25%	10%	20%	5%
2012-13	40%	30%	40%	20%

13. Student -Teacher Ratio (programme wise)

Session	Student:teacher		
	Hons	Gen	PG Chemistry (as a venue of SKBU)
2009-10	60:6=10:1	348:6 = 58:1	-
2010-11	65:6=10.8:1	380:6 = 63:1	-
2011-12	70:6=11.7:1	400:6 = 66.6:1	-
2012-13	75:6=12.5:1	460:6 = 76.6:1	15:5(2011-2012)=>1:3, 33:10(2012-2013)=>1:3.3

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

	Sanctioned	Filled
Technical staff	1	0
Administrative staff	3	3

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

2 Ph.D& 5 PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

At present Dr. Bhaskar Biswas and Dr. Niranjana Koley of this department have been actively engaged in research and received grants from national funding agencies (UGC & DST).

Ongoing Research Projects and Consultancies

Sl.	Title	Agency	Period	Grant/ Amount mobilized (Rs Lakh)
1.	Synthesis and DNA binding study of some transition metal complexes	U G C	01-03-2010 to 31-08-2011	1.47 L; 2013-2014;UGC Reference No. F. PSW-84/12-13(ERO) dated 05/02/2013
2.	Synthesis and characterization of iron complexes and their catalytic aspects towards different organic transformations	DST	2014-2017	~27.0 L * Just received

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

* a) Publication per faculty

* 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

List of publications by the faculty members

1) Dr. Bhaskar Biswas

	Title with Page Nos.	Journal, Publishing house	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any	Whether you are the corresponding author AND/OR first author
	Syntheses, crystal structures and properties of a new family of isostructural and isomorphous compounds of type $[M(L)(NCS)_3]$ [$M = La, Gd, Tb$ and Dy ; $L =$ a neutral hexadentate Schiff base], 29 (2010) 2716-2721.	Polyhedron, Elsevier, Switzerland	ISSN: 0277-5387	Peer Reviewed 2.04	1 st Author
	An antiferromagnetically coupled dimeric Ni(II) complex anion and its counter cationic monomeric Ni(II) complex, and some other mononuclear transition metal compounds using some neutral ligands, 30 (2011) 2032-2037	Polyhedron, Elsevier, Switzerland	ISSN: 0277-5387	Peer Reviewed 2.04	1 st author
	Copper(II) complexes with neutral Schiff bases: Syntheses, crystal structures and DNA interactions, 31 (2012) 671-675	Polyhedron, Elsevier, Switzerland	ISSN: 0277-5387	Peer Reviewed 2.04	1 st Author
	A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride, 65 (2012) 2280-2293	J.Coord.Chem., Taylor & Francis, UK	ISSN 0095-8972	Peer reviewed 1.94	Corresponding and 1 st author
	Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity, (2012) 4479-4485	Eur. J. Inorg. Chem., Wiley-VCH, Germany	ISSN: 1434-1948	Peer reviewed 3.049	Corresponding and 1 st author
	Synthesis, spectroscopic and crystallographic characterizations of an antiferromagnetically coupled oxobridged trinuclear manganese(IV) cluster $[Mn_3O_4(H_2O)_2(phen)_4](NO_3)_4 \cdot 3H_2O$ [phen = 1,10-phenanthroline], 65 (2012) 4067-4076.	J.Coord.Chem., Taylor & Francis, UK	ISSN 0095-8972	Peer reviewed 1.94	1 st author
	Synthesis, X-ray structural and magnetic characterizations, and epoxidation activity of a new bis(μ -acetato)(μ -alkoxo)dinuclear iron(III) complex, 53 (2013) 264-268	Polyhedron, Elsevier, Switzerland	ISSN: 0277-5387	Peer Reviewed 2.04	1 st author
	DNA binding property of an one dimensional copper(II) complex: A greener aspect, (2013)	Green Chemistry and Sustainable Agriculture Practices: A step towards a Better Future	ISBN: 978-81-921697-3-6	Peer reviewed	Corresponding author and 1 st author
	Response to the Comment on "Crystallographic Space Group Choice and its Chemical Consequences: Revised Crystal Structure of $[Fe(phen)_2Cl_2]NO_3$ " Eur. J. Inorg. Chem. (2013) 2470-2472.	Eur. J. Inorg. Chem., Eur. J. Inorg. Chem., Wiley-VCH, Germany	ISSN: 1434-1948	Peer reviewed 3.049	Corresponding author and 1 st author

	One dimensional coordination polymer of cadmium(II) with thiocyanate bridge: synthesis, characterization and properties, 90 (2013) 801-805	J. Ind. Chem. Soc., Indian Academy of Science, India	ISSN: 0019-4522	Peer reviewed 0.359	Co-author
	Synthesis, crystallographic characterization and DNA binding properties of a manganese(II) complex containing 1,10-phenanthroline ligand, 90(2013) 1311-1317.	J. Ind. Chem. Soc., Indian Academy of Science, India	ISSN: 0019-4522	Peer reviewed 0.359	Corresponding author and 1 st author
	Synthesis, X-ray structure and DNA binding of a mononuclear iron(II) Schiff base complex, 125 (2013) 1161-1168.	J. Chem. Sci., Springer	ISSN: 0973-7103	Peer reviewed 1.29	Co-author
	Synthesis and spectroscopic characterization of an octahedral cobalt(II) complex containing a neutral N ⁶ Schiff base: DNA binding, DNA cleavage and antimicrobial activity, accepted	New Opportunities and Challenges in Microbial Research		Peer reviewed	Corresponding author
	Synthesis, structural characterization and biological activity of a trinuclear zinc(II) complex: DNA interaction study and antimicrobial activity, 125 (2013) 1445-1453.	J. Chem. Sci., Springer	ISSN: 0973-7103	Peer reviewed 1.29	Corresponding author and 1 st author
	Integrative effect of magnesium sulphate on the growth of flowers and grain yield of paddy: A Chemist's perspective	RASĀYAN J. Chem. 0.135	ISSN: 0974-1496	Peer reviewed	Corresponding author and 1 st author
	DNA binding and cleavage activity of an structurally characterized oxobridged diiron(III) complex, 52A (2013) 1576-1583.	Indian Journal of Chemistry – A, 0.918, CSIR	ISSN: 0974-1496	Peer reviewed	1 st author

2) Prof. Somnath Karmakar

	Title with Page Nos.	Journal, Publishing house	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any	Whether you are the corresponding author AND/OR first author
	Schematic generation of characteristic polynomials and the Hosoya indices of mono- and di-substituted polymer graphs of linear chains and cycles, (accepted)	J. Indian Chem. Soc	ISSN: 0019-4522	Peer reviewed	Co-author
	Matrix product forms for the characteristic polynomial coefficients of poly(p-phenylene) graphs, (under reviewed)	J. Indian Chem. Soc	ISSN: 0019-4522	Peer reviewed	–

--	--	--	--	--	--

3) Dr. Niranjan Kole

	Title with Page Nos.	Journal, Publishing house	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any	Whether you are the correspondence author AND/OR first author
	A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride, 65 (2012) 2280-2293	J.Coord.Chem., Taylor & Francis, UK	ISSN 0095-8972	Peer reviewed 1.94	Corresponding author
	Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity, (2012) 4479-4485	Eur. J. Inorg. Chem., Wiley-VCH, Germany	ISSN: 1434-1948	Peer reviewed 3.049	Corresponding author
	DNA binding property of an one dimensional copper(II) complex: A greener aspect, (2013)	Green Chemistry and Sustainable Agriculture Practices: A step towards a Better Future	ISBN: 978-81-921697-3-6	Peer reviewed	Co-author
	Response to the Comment on "Crystallographic Space Group Choice and its Chemical Consequences: Revised Crystal Structure of [Fe(phen) ₂ Cl ₂]NO ₃ " Eur. J. Inorg. Chem. (2013) 2470-2472.	Eur. J. Inorg. Chem., Eur. J. Inorg. Chem., Wiley-VCH, Germany	ISSN: 1434-1948	Peer reviewed 3.049	Co-author
	Synthesis and spectroscopic characterization of an octahedral cobalt(II) complex containing a neutral N ⁶ Schiff base: DNA binding, DNA cleavage and antimicrobial activity, accepted	New Opportunities and Challenges in Microbial Research		Peer reviewed	Co-author
	Synthesis, structural characterization and biological activity of a trinuclear zinc(II) complex: DNA interaction study and antimicrobial activity, accepted	J. Chem. Sci., Springer	ISSN: 0973-7103	Peer reviewed 1.29	Co-author
	Integrative effect of magnesium sulphate on the growth of flowers and grain yield of paddy: A Chemist's perspective	RASĀYAN J. Chem.	ISSN: 0974-1496	Peer reviewed 0.135	Corresponding author

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards....

Nil

22. Student projects : **Nil**

- a) Percentage of students who have done in-house projects including inter departmental/programme
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

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: **Nil**

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no.4)	Academic Session	Applications received	Selected	Enrolled		Pass percentage
				M	F	
Chem. Hons.	2009-2010	-	18	15	3	
	2010-2011	-	19	15	4	
	2011-2012	-	23	19	4	
	2012-2013	-	25	19	6	
	2013-2014	-	27	20	7	
Chem. Gen.						
PG Chemistry with special paper Inorg./Org./Phys.		N.A.				

*M=Male F=Female

27. Diversity of Students: **All the students in Chem(H) come from the same state**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
N.A.	N.A.	N.A.	N.A.

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

➤ **16**

29. Student progression

Student progression	Against % enrolled
UG to PG	41.7%
PG to M.Phil.	NIL
PG to Ph.D.	34.5%
Ph.D. to Post-Doctoral	65%
<ul style="list-style-type: none"> Employed Campus selection Other than campus recruitment 	Total 17 students
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library: We maintain a departmental library enriched by books & journals bought by the teachers and students of our department.

(i) Analytical	Used by PG & 3rd yr Honours and general students
(ii) Instrumental	Used by PG & 3rd yr Honours students
(iii) Laboratory for qualitative purpose	Used by 2nd yr & 1st yr Honours students
(iv) Ordinary laboratory	Used by 2nd yr & 1st yr General students
(v) One store room	Chemicals & apparatus are kept in it
(vi) One sitting room	Teachers' working space with bookshelf & computer

b) Internet facilities for Staff & Students: We have internet facility in our department.

c) Class rooms with ICT facility:01

d) Laboratories: 4 & two more rooms

31. Number of students receiving financial assistance from college, university, government or other agencies

➤ **08**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Participation of UG students in the Seminar presentation by the PG students of Chemistry in final semester.

33. Teaching methods adopted to improve student learning

Sometimes models, charts, projector and smart board are used as teaching aids.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Departmental teachers are involved in different Institutional responsibilities such as Academic affairs, Admission process, Sports, Construction works, etc.

35. SWOC analysis of the department and Future plans

- (i) Department is very willing to provide a space for project and research work
- (ii) Department wants to extend its space by extending the existing general laboratory vertically
- (iii) Department likes to introduce its own PG course affiliated by its mother university
- (iv) Department is eager to organize a three days international seminar
- (v) Department is keen to organize a workshop on how to teach Chemistry
- (vi) Department likes to held a departmental reunion

III. Evaluative Report Of The Department.

- 1.Name and address of the department : **Mathematics.**
- 2.Telephone number/s : 03251 255235 (No separate departmental phone)
3. List of different programmes (Level of study=Certificate/Diploma/UG/PG Diploma/PG/M.Phil./Ph.D. *etc.* or equivalent) offered by the department together with the details required below:

Programme	Level of Study	Cut-off marks at entry level	Student strength
Mathematics(H),Physics,Chemistry .	UG	55%	37
Chemistry, Physics, Mathematics	UG	40%	145
Mathematics(H),English,Economics	UG	55%	10

4. Names of interdisciplinary courses and department involve:

The department take the classes of the mathematics for the course of B.C.A.

5. Department take two Unit Test (For Hons,Department) and one Test Examination(College) of each year.

6. Participation of the department in the courses offered by other departments:- Nil

7. Courses in collaboration with other universities, industries, foreign institution, etc.
Nil

8. Details of courses/programmes discontinued (if any) with reasons;- Nil.

9. No.of Teaching Posts;

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst.Professors	03	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name of Teaching staff	Designation	Highest Qualification	Specialisation	No of Years of Experience		No. of Ph.D Students guided for the last 4 Yrs
					PG	
Tarun Kumar Garai	Asst.Professor	M.Sc.	Pure Mathematics		2 (As Guest faculty in S.K.B.U)	Nil
Subhendu Dutta	Part-Time Teacher	M.Sc.	Applied Maths		Nil	Nil
Sudhangsu Mahato	Part-Time Teacher	M.Sc.	Applied Maths		Nil	Nil
Pallab Bid	Part-Time Teacher	M.Sc.	Pure Mathematics		Nil	Nil

11. List of senior visiting faculty:- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise)
by temporary faculty: - Nil

13. Student -teacher ratio:- Hons;- 22:1

General:-54:1

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.: Nil

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-Nil.

19. Publications:

1. P.Guptaroy, **Tarun K. Garai**, S.Bhattacharyya, “ J/ψ Production In Some RHIC Interactions At and Some Look Into The System Size effect”, Hadronic Journal, **31** ,513-528 (2008):ISSN: 0162-5519
2. P.Guptaroy, **Tarun K. Garai**, Goutam Sau, S.K.Biswas, S.Bhattacharyya, “Analysing J/ψ Production In Various RHIC Interactions with A Version of Sequential Chain Model (SCM)”, Hadronic Journal, **32** ,95-124 (2009) ISSN: 0162-5519

3. S.Ray and **T.K.Garai**, "On Laplace Continuity". Real Analysis Exchange, 37(2). 2011/2012 279-290. ISSN: 0147-1937
4. S.Ray and **T.K.Garai**, "Integration By Parts For Laplace-Perron Integral". Will appear in Rev.Bull.Cal.Math.Soc, **21**, (1) 71-78(2013) . ISSN: 2231-5306
5. S.Ray and **T.K.Garai**, " Convexity Conditions For Approximate Generalized Riemann Derivable Functions". Will appear in Indian Journal of Mathematics., Allahabad Mathematical Society. ISSN: 0019-5324
20. Areas of consultancy and income generated -----?
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
 - 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
 - b)International Nil
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	*M	Enrolled *F	Pass percentage
B.Sc Mathematics (Hons)1 st Year(2013-14)			34	03	----
B.Sc Mathematics (Hons) 2 nd Year(2013-14)			26	07	-----
B.ScMathematics(Hons) 3 rd Year(2013-14)			30	02	
B.ScMathematics(Hons) 1 st Year(2012-13)			30	07	-----
B.ScMathematics(Hons) 2 nd Year(2012-13)			30	02	
B.ScMathematics(Hons) 3 rd Year(2012-13)			25	03	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.ScMathematics(Hons)	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ?

W.B.C.S. EXAM.:- 01) TRIDIV ACHERJEE. Air Force :- 01) Prabin Majee.

02) Vivekananda Mahato.

29. Student progression

Student progression	Against % enrolled
UG to PG	33
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	---

30. Details of Infrastructural facilities

a) Library: - Besides the Central Library, Department has a seminar Library which is accessed by the student of the Mathematics.

b) Internet facilities for Staff & Students:-Internet facilities are available for Teacher and Student both.(Modem is used)

c) Class rooms with ICT facility

d) Laboratories:- One Computer Laboratories .

31. Number of students receiving financial assistance from college, university, government or other agencies.

32. Details on student enrichment programme (special lectures / workshops / seminar) with external experts. N.A

33. Teaching methods adopted to improve student learning: - Lecture method.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

35. SWOC analysis of the department and Future plans

Evaluative Report of the Departments

1. Name of the department : **ZOOLOGY**
2. Year of Establishment: **1989**
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: **BOTANY, CHEMISTRY**
5. Annual/ semester/choice based credit system (programme wise) : **ANNUAL**
6. Participation of the department in the courses offered by other departments: **NO**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NO**
8. Details of courses/programmes discontinued (if any) with reasons :**NO**
9. Number of Teaching posts

	sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	2	0
Part time teacher	2	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Asmita Roy	M.Sc, B.Ed	Part-Time Teacher	Ecology	3 yrs.	-
Rupak Kumar Maji	M.Sc	Part-Time Teacher	Fishery	3 yrs.	-

11. List of senior visiting faculty: **NO**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **NO**

13. Student -Teacher Ratio (programme wise):

	Student -Teacher Ratio		
	1 ST YEAR	2 ND YEAR	3 RD YEAR
2010	17:3	10:2	3:3
2011	30:2	12:2	3:2
2012	26:2	14:2	0:2
2013	40:2	20:2	1:2

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

POST SANCTIONED	POST FILLED
1	0

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG: **PG**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **NO**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NILL**

18. Research Centre /facility recognized by the University: **NO**

19. Publications:

- * a) Publication per faculty
- * b) Number of papers published in peer reviewed journals (national / international) by faculty and students
- * c) 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.)
- * d) Monographs
- * e) Chapter in Books
- * f) Books Edited
- * g) Books with ISBN/ISSN numbers with details of publishers
- * h) Citation Index
- * j) SJR
- * k) Impact factor
- * l) h-index

20. Areas of consultancy and income generated : **NILL**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....: **NO**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **NO**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **NO**

23. Awards/ Recognitions received by faculty and students: **NO**

24. List of eminent academicians and scientists/ visitors to the department: **NO**

25. Seminars/ Conferences/Workshops organized & the source of funding :**NO**

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)		Applications received	Selected	Enrolled *M *F	Pass percentage %
2010	I	50	37	10+7=17	95
	II			5+5=10	90
	III			2+1=3	66
2011	I	60	40	24+6=30	80
	II			6+6=12	100
	III			3+0=3	100
2012	I	75	62	18+8=26	RNP
	II			9+5=14	RNP
	III			0	0
2013	I	90	75	25+15=40	Examination yet to be held.
	II			13+7=20	
	III			1+0=1	

*M=Male F=Female

27. Diversity of Students

Name of the Course	YEAR	% of students from the same state	% of students from other States	% of students from abroad
B.Sc ZOOLOGY (Gen.)	2010	100	0	0
	2011	100	0	0
	2012	100	0	0
	2013	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? :**NO**

29. Student progression

Student progression	Against % enrolled
UG to PG	2010-NA 2011-NA 2012-70 2013-75
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	5
• Campus selection	(OFF CAMPUS)

Student progression	Against % enrolled
• Other than campus recruitment	
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

a) Library: **YES**

b) Internet facilities for Staff & Students: **NO**

c) Class rooms with ICT facility: **NO**

d) Laboratories **YES**

31. Number of students receiving financial assistance from college, university, government or other agencies:

YEAR	HALF FREE	FULL FREE
2010	-	1
2011	-	2
2012	-	2
2013	-	2

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :**NO**

33. Teaching methods adopted to improve student learning: **i. SLIDE SHOWPRESENTATION OF TOPICS**

ii. SHOWING LIVE SPECIMENS

iii. SHOWING ANIMATION OF DIFFERENT PRCEDURE

iv. SHOWING DIFF PICTURES OF DIFF. ANIMALS.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
NO

35. SWOC analysis of the department and Future plans:

From 1989 this is a general course dept. Now there is enough set up to run a Hons. Department. So, in very near future we want to start full time Zoology Hons. Course.

Evaluative Report of the Departments

1. Name of the department : **Political Science**
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) UG in (Honours), UG IN (General)
4. Names of Interdisciplinary courses and the departments/units involved-
„Economics, Commerce – foundation course in Human rights, „Sensitization programme on Human rights, Seminar on MGNREGA
5. Annual/ semester/choice based credit system (programme wise)-Annual
6. Participation of the department in the courses offered by other departments
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NA
8. Details of courses/programmes discontinued (if any) with reasons NA
9. Number of Teaching posts

	sanctioned	Filled
Professors	NA	NA
Associate Professors	NA	NA
Asst. Professors	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Subrata Paria	MA	Assistant Professor	Sociology and Political Anthropology	8years 8months	NA
Purnima Chatterjee	MA, M Phil	Assistant Professor	Publick Administration	5years 5months	NA
Debasish	MA, B ED	Part Time	Sociology	9years	NA

Deoghoria				2month	
Manoj Dey	MA,Bridge Course(History)	Part Time	Sociology	9years 4 month	NA
Probin Majee	MA,B ED		Publick Administration	1years 10month	NA

11. List of senior visiting faculty - NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- 30%
13. Student -Teacher Ratio (programme wise)

Session	1 st year		2 nd year		3 rd year	
	Hons	Pass	Hons	Pass	Hons	Pass
2009-10	21:5	599:5	19:5	594:5	13:5	385:5
2010-11	23:4	521:5	18:4	382:5	15:4	310:5
2011-12	21:4	623:5	18:4	388:5	12:4	319:5
2012-13	24:5	606:5	21:5	445:5	19:5	239:5

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled - NA
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. 3PG & 1 MPHIL
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received -NA
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received -NA
18. Research Centre /facility recognized by the University -NA
19. Publications:
 - * a) Publication per faculty
 - * 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 NA
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR NA
- * Impact factor
- * h-index
- *

20. Areas of consultancy and income generated -NA

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....NA

22. Student projects

a) Percentage of students who have done in-house projects including inter - departmental/programme -NA

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies – NA

Awards/ Recognitions received by faculty and students -NA

23. List of eminent academicians and scientists/ visitors to the department-Prof Manik

Chakroborty dept of Law,BU;Prof Tarun Banerjee,Prof Ambarish

Mukherjee,Vidyasagar University ;Prof Debnarayan Modok,Netaji Open University.

24. Seminars/ Conferences/Workshops organized & the source of funding

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA(H)-2009-10	30	25	37	21(all)	60%
BA(PASS)	1600	1600	866	703	60%
BA(H) 10-2011	40	30	41	20	75%
BA(P)10-11	1350	1313	784	529	60%

BA(H)-11-12	42	30	34	20	60%
BA(PASS)	1400	1330	825	505	70%
BA(H)-2012-2013	40	30	38	24	60%
	1350	1290	824	466	60%

a)National

_____SEMINAR ON MGNREGA2011_____

b)International

25. Student profile programme/course wise:

*M=Male F=Female

26. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG(Hons&Pass)	100%	NA	NA

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? NA

28. Student progression

29.

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
<ul style="list-style-type: none"> Campus selection Other than campus recruitment 	

Student progression	Against % enrolled
Entrepreneurship/Self-employment	NA

30. Details of Infrastructural facilities

- a) Library-Departmental library
- b) Internet facilities for Staff & Students –NA
- c) Class rooms with ICT facility-NA
- 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-1.Foundation course in Human Rights from 2008 -2010, lectured by prof Manik Chakroborty, dept of Law Burdwan University. 2.Seminar on MGNREGA, 2011.

33. Teaching methods adopted to improve student learning Lecture, Personal Counselling, Seminar, Tutorial Class, Guardians meeting, Student feedback.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities- Our student participate in blood donation camp, organized by NSS.

SWOC analysis of the department and Future plans-Audiovisual method of teaching, Interactive response system through Internet, Social research laboratory.

Evaluative Report of the Departments

1. Name of the department :**BACHELOR OF COMPUTER APPLICATION.**
2. Year of Establishment: **2009**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**UG/BCA**
4. Names of Interdisciplinary courses and the departments/units involved:**COMMERCE, MATHEMATICS, ENGLISH.**
5. Annual/ semester/choice based credit system (programme wise):**ANNUAL**
6. Participation of the department in the courses offered by other departments: **COMMERCE, MATHEMATICS, PHYSICS.**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NA**
8. Details of courses/programmes discontinued (if any) with reasons :**NA**
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors		
Contractual Teacher	3	3

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Sougata Mukherjee	MCA	Contractual Teacher	NA	4	
Sanchita Banerjee	M.Sc.(Computer Science)	Contractual Teacher	NA	2	

Subhashis Bhattacharya	MCA	Contractual Teacher	NA	Nil	
---------------------------	-----	------------------------	----	-----	--

11. List of senior visiting faculty : NA

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **90 %**.

13. Student -Teacher Ratio (programme wise):**10:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:**PG**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:NA

18. Research Centre /facility recognized by the University:NA

19. Publications: NA

- * a) Publication per faculty
- * 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:NA

21. Faculty as members in : NA

a) National committees b) International Committees c) Editorial Boards....

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **All 3rd year students.**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **30%**

23. Awards/ Recognitions received by faculty and students: NA

24. List of eminent academicians and scientists/ visitors to the department:NA

25. Seminars/ Conferences/Workshops organized & the source of funding:NA

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BCA(2009-2012)	25	17	14	3	100
BCA(2010-2013)	30	21	19	2	100
BCA(2011-2014)	15	9	9	0	100
BCA(2012-2015)	15	10	9	1	100
BCA(2013-2016)	50	20	19	1	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? 4 Students have been appointed in TATA CONSULTANCE SERVICES(TCS) during last two years.

29. Student progression

Student progression	Against % enrolled
UG to PG	60
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	i)4 students ii) 4 students
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- Library :250 books in departmental library.
- Internet facilities for Staff &Students :yes
- Class rooms with ICT facility:yes
- Laboratories:Hardware lab 1, Software Labs 8.

31. Number of students receiving financial assistance from college, university, government or other agencies:**2**.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:NA

33. Teaching methods adopted to improve student learning: **Interactive**

learning,Class teast etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: some students outside the dept. get helped from the students & teachers regarding computer related matters.
35. SWOC analysis of the department and Future plans: To flourish the department to its extreme point.

Evaluative Report of the Departments

1. Name of the department :ECONOMICS
2. Year of Establishment : 1984
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):U G
4. Names of Interdisciplinary courses and the departments/units involved: NIL
5. Annual/ semester/choice based credit system (programme wise) :Annual
6. Participation of the department in the courses offered by other departments:Participation of the department in taking classes of the Dept. of Commerce
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL
8. Details of courses/programmes discontinued (if any) with reasons :NIL
9. Number of Teaching posts

	sanctioned	Filled
Professors	NIL	NIL
Associate Professors	01	01
Asst. Professors	01	01
Approved Part-Time Teacher	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Srinibas Nandi	M.Sc. Ph.D	Associate Prof.	Advanced Eco. Theory	19+ Years	NIL
Mr.Joyoti Prakash Mondal	M.Sc.Thesis Submitted for Ph.D	Asst. Prof.	Statistics& Econometrics	09Years	NIL
Mr.Biswajit Chakraborti	M.A. ; B.Ed.	Approved P.T.T	Statistics&Econ ometrics	13+ Years	NIL

11. List of senior visiting faculty
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: There being no temporal faculty, it does not arise.
13. Student -Teacher Ratio (programme wise): 8:1 for Honours programmes and 20:1 for general course .
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: 3 (1with P.hD, 1 submitted Thesis for p.hD, 1with PG)
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 1
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil
18. Research Centre /facility recognized by the University: Nil
19. Publications:
 - * a) Publication per faculty : 8/3, (5+3+0)
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students : 8
 - * 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: 4,(3+1)
 - * Books Edited : 2, (1+1)
 - * Books with ISBN/ISSN numbers with details of publishers:
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated: Nil
21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards.... Nil
22. Student projects Nil
 - a) Percentage of students who have done in-house projects including inter departmental/programme
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in

Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students *

24. List of eminent academicians and scientists/ visitors to the department

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National : Seminar I- Jointly organized by the Dept. of Economics & Pol. Sc

Seminar II – Organized by Teachers’ Council. Whole teachers of the

Department actively participated in organizing the same.

b)International

26. Student profile programme/course wise: Nil

Name of the Course/programme (refer question no. 4) (2009-10)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.A. 1 st Year	6	6	4 2	100%
B.Sc. 1 st Year	4	4	3 1	100%
B.A. 2 nd Year	5	5	3 2	100%
B.Sc. 2 nd Year	4	4	3 1	100%
B.A. 3 rd Year	3	3	3 0	100%
B.Sc. 3 rd Year	0	0	0 0	-
Name of the Course (refer question no. 4) (2010-11)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.A. 1st Year	9	8	3 5	90%
B.Sc. 1st Year	7	7	2 5	100%
B.A. 2nd Year	6	6	4 2	100%
B.Sc. 2nd Year	4	4	3 1	100%
B.A. 3rd Year	5	5	3 2	100%
B.Sc. 3rd Year	4	4	3 1	100%
Name of the Course/programme (refer question no. 4) (2011-12)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.A. 1st Year	10	10	8 2	100%
B.Sc. 1st Year	8	8	5 3	90%
B.A. 2nd Year	7	7	3 4	100%
B.Sc. 2nd Year	7	7	2 5	85%
B.A. 3rd Year	6	6	4 2	87%
B.Sc. 3rd Year	4	4	3 1	100%
Name of the Course/programme (refer question no. 4) (2012-13)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.A. 1st Year	6	6	4 2	100%
B.Sc. 1st Year	4	4	3 1	100%

Name of the Course/programme (refer question no. 4) (2009-10)	Applications received	Selected	Enrolled *M *F	Pass percentage
B.A. 2nd Year	10	10	8 2	90%
B.Sc. 2nd Year	7	7	5 2	100%
B.A. 3rd Year	7	7	3 4	80%
B.Sc. 3rd Year	6	6	2 4	85%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG in Economics Honours	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	100%
PG to M.Phil.	—
PG to Ph.D.	—
Ph.D. to Post-Doctoral	—
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	—
Entrepreneurship/Self-employment	—

30. Details of Infrastructural facilities

a) Library: Common

b) Internet facilities for Staff & Students : Common

c) Class rooms with ICT facility : Nil

d) Laboratories : Nil

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: Special lectures arranged according to need.

Evaluative Report of the Department

1. Name of the department :Commerce

2. Year of Establishment: 8th July, 1961 (College); 1996 (B.Com. General); 2001 (B.Com Honours).

Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

(ii) UG: B.Com. (Hons) (ii) UG: B.Com.(General)

* Names of Interdisciplinary courses and the departments/units involved

1.	B.Com(Hons) with compulsory Bengali, English, Alternative English, Communicative English, Environmental Studies.
2.	B.Com(Gen) with compulsory Bengali, English, Alternative English, Communicative English, Environmental Studies.

* Annual/ semester/choice based credit system (programme wise)

Programme	Credit system
(A) UG: B.Com.(Honours)	(i) Unit test: [department (2+2+2)] (ii) Test: [college (1+1+1)] (iii) Annual [university (1+1+1)]
(B) UG: B.Com(Gen)	(I) Test [college (1+1+1)] (ii) Annual [university (1+1+1)]

* Participation of the department in the courses offered by other departments: **Nil**

* Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**

* Number of Teaching posts

	sanctioned (Total)	Filled
Professors	02	
Associate Professors		01
Asst. Professors		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
Supriyo Chakraborty	M.Com,	Associate	Finance.	16	

	CWA(Inter)	Prof.			
Abhash Kumar Basu	M.Com, Ph.D, CWA	Assistant Prof.	Finance.	13	

* List of senior visiting faculty NIL

* Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Session	% of Theoretical Classes		% of Practical Classes	
	Honours	General	Honours	General
2009-10	NIL			
2010-11	NIL			
2011-12	NIL			
2012-13	NIL			

* Student -Teacher Ratio (programme wise)

Session	Hons	Gen
2009-10	15:2=7.5:1	10:2 = 5:1
2010-11	10:2=5:1	5:2= 2.5:1
2011-12	25:2=12.5:1	5:2=2.5:1
2012-13	30:2=15:1	22:2=11:1

* Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Technical staff	2	2
Administrative staff	NIL	NIL

* Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Ph.D-1

PG-1

* Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

* Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

- * Research Centre /facility recognized by the University: **Nil**
- * Publications:
 - * a) Publication per faculty
 - * 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

List of publications by the faculty members

1) SUPRIYO CHAKRABORTY

Sl. No.	Title with Page Nos.	Journal, Publishing house	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any	Whether you are the correspondence author AND/OR first author
1	ENERGY AUDIT-A NEED, 56-62	PHYSICS DEPARTME NT, RAGHUNAT HPUR COLLEGE	978-81-925299-1-2		1 ST AUTHOR

2) Dr. ABHASH KUMAR BASU

Sl. No.	Title with Page Nos.	Journal, Publishing house	ISSN/ISBN No.	Whether reviewed. Factor, if any	peer Impact	Whether you are the correspondence author AND/OR first author
1.	Capital Employed Leverage-A Tool for Efficient Capital Management	The Management Accountant	ISSN 0972-3528	Yes		First & Sole Author
2.	Ethical Decision Making-A Utilitarian Approach	AJRSH	ISSN 2249-7315	Yes		First Author
3.	Value Added & Profitability-Role of Human Resource	Great Lakes	ISBN/ISSN-0973-9017	Yes		First Author
4.	Institutionalization of Labour Force Through Labour Contract Cooperatives.	DBM Social Science Reporter	ISSN 2347-1905	Yes		First & Sole

* Areas of consultancy and income generated: **Nil**

* Faculty as members in

b) National committees b) International Committees c) Editorial Boards....

Nil

* Student projects:STUDENTS OF THIRD YEAR ARE CARRING ON PROJECTS ON DIFFERENT TOPICS AS PER SYLLABUS OF S.K.B.U.

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**

* Awards/ Recognitions received by faculty and students: **Nil**

* List of eminent academicians and scientists/ visitors to the department: **Nil**

* Seminars/ Conferences/Workshops organized & the source of funding: **Nil**

a)National

b)International

* Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Academic Session	Applications received	Selected	Enrolled *M *F	Pass percentage
COMM.HONS.	2009-10	N.A.	15	10 5	
	2010-11		10	8 2	
	2011-12		25	19 6	
	2012-13		30	22 8	
COMM. Gen.	2009-10		10	9 1	
	2010-11		5	5 0	
	2011-12		5	5 1	

Name of the Course/programme (refer question no. 4)	Academic Session	Applications received	Selected	Enrolled *M *F	Pass percentage
	2012-13		22	19 3	

*M=Male F=Female

- * Diversity of Students: **All the students in COMM(H) come from the same state**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

- * How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

➤ **08**

- * 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
Employed	NIL
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	18

- * Details of Infrastructural facilities

a) Library: We maintain a departmental library enriched by books & journals bought by the teachers and specimen copies received time to time.

b) Internet facilities for Staff & Students: We have internet facility in our department.

ci) Class rooms with ICT facility:NIL

di) Laboratories: 1

- * Number of students receiving financial assistance from college, university, government or other agencies

➤ **04**

- * Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Participation of UG students in different Seminars presentation

Teaching methods adopted to improve student learning

Sometimes models, charts, projector, computers and internet facilities are used as teaching aids.

- * Participation in Institutional Social Responsibility (ISR) and Extension activities

Departmental teachers are involved in different Institutional responsibilities such as Academic affairs, Admission process, Sports, Construction works, all sorts of financial calculation and allied matters, bursar etc.

- * SWOC analysis of the department and Future plans

(i) Department is very willing to provide a space for project and research work

(ii) Department wants to extend its space by extending the existing general laboratory vertically

(iii) Department likes to introduce its own PG course affiliated by its mother university

(iv) Department is eager to organize a national seminar

(v) Department is keen to organize a workshop on how to prepare accounts in practical business world and how to get expertise in tax consultancy including teaching of different electronic mode associated with income tax calculations and income tax returns.

(vi) Department likes to held a departmental reunion

Evaluative Report of the Department of Botany

1. Name of the department : Botany
2. Year of Establishment: 8th July, 1961 (College); 1988 (B.Sc. With Botany General); 2007 (Botany Honours).
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
(iii) UG: B.Sc. (Hons) (ii) UG: B.Sc.(General)
4. Names of Interdisciplinary courses and the departments/units involved

1.	Botany Honours, Chemistry General, Zoology General.
2.	Chemistry General, Botany General, Zoology General.

5. Annual/ semester/choice based credit system (programme wise)

Programme	Credit system
(A) UG: B.Sc.(Honours)	(i) Unit test: [department (2+2+2)] (ii) Test: [college (1+1+1)] (iii) Annual [university (1+1+1)]
(B) UG: B.Sc. with Botany as General subject	(I) Test [college (1+1+1)] (ii) Annual [university (1+1+1)]

6. Participation of the department in the courses offered by other departments: **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts

	sanctioned (Total)	Filled
Professors	02	-
Associate Professors		-
Asst. Professors		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
Subrata Raha	M.Sc., Ph..D	Asst. Prof.	Mycology and Pl. Pathology	07	
Santosh Pandey	M.Sc.	Guest Lecturer	Pl. Physiology	04	
Harasourav Mallick	M.Sc.	Guest Lecturer	Taxonomy	02	

11. List of senior visiting faculty

Prof. Jayprakash Keshri, BU.

Late Prof. Prosenjit Sharma, B.B.College, ,Asansol

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Session	% of Theoretical Classes		% of Practical Classes	
	Honours	General	Honours	General
2009-10	20%	30%	10%	10%
2010-11	25%	40%	20%	20%
2011-12	25%	20%	20%	20%
2012-13	40%	40%	40%	40%

13. Student -Teacher Ratio (programme wise)

Session	Student:teacher		
	Hons	Gen	Remarks
2009-10	42:3=14:1	81:3 = 27:1	-

2010-11	49:3=16.3:1	101:3 = 33.6:1	-
2011-12	50:4=12.5:1	125:4=31.2:1	-
2012-13	53:3=18:1	118:3 =39.1	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Qualification	Number	
Ph.D.	1	
PG	2	
Technical staff	1	1
Administrative staff	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Dr. Subrata Raha of this department had been actively engaged in research and received grants from UGC.

Research Projects and Consultancies

Sl. No.	Title	Agency	Period	Grant/ Amount mobilized (Rs Lakh)
2.	Aeroallergens of Raghunathpur, Purulia district,W.B in relation to allergic rhinitis.(E.PHW-019/08-09(ERO) dt.05.12.2008)	UGC	2009-10	1.1 Lakh

--	--	--	--	--

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

- * a) Publication per faculty
- * 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

List of Presentations in State/National level seminar by the faculty members

1)Dr. Subrata Raha

- ❖ Delivered a lecture at Adra Ramakrishna Vivekananda Pathachakra on 10 th January, 2010 on “ Narimukti o Sri Ramakrishnadev”.
- ❖ Participated and Presented a paper at National Seminar on “Plant Diversity: Aspects and Prospects” held on 9th- 10th March, 2011 at Dept. of Botany. Vidyasagar University, Midnapore.
- ❖ Participated in National Seminar cum Workshop on “Application of Advance Techniques in Bio-Medical Laboratory Science on 25th- 29th March, 2011 at Vidyasagar University, Midnapore.

- ❖ Participated and Presented a paper at National Seminar on “Biodiversity, The natural wonder: Issues and Concern” held on 1st and 2nd December, 2011 at Dept. of Botany. Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hoogly .
- ❖ Presented a paper in UGC sponsored Two-day National seminar entitled Vivekananda: The multidimensional personality on February 1-2, 2012 at Khatra Adibasi Mahavidyalaya, Khatra, Bankura.
- ❖ Participated and presented a paper at National Seminar on “Evaluation of Ecosystem and Biodiversity with Economic compass” on February 3-4, 2012. At Panchakot Mahavidyalaya, Sarbari, Neturia, Purulia.
- ❖ Delivered a lecture at Adra Ramakrishna Vivekananda Pathachakra on 25 January, 2012 on “ Sri Sri Maa Saradmoni Devi O Biswa Nari Samaj”
- ❖ Presented a paper in UGC sponsored Two-day National seminar entitled “Literature and Religion : An interface between imagination and belief on February 22-23, 2012 held at Netaji Subhash Ashram Mahavidyalaya, Suisa, Purulia.
- ❖ Presented a paper in UGC sponsored Two-day National seminar entitled “In time of breaking the boundaries: Swami Vivekananda in the 21st century global village” February 21-22, 2012 held at Netaji Subhash Ashram Mahavidyalaya, Suisa, Purulia.
- ❖ Inaugurated and delivered a lecture entitled “The concept of Swami Vivekananda on Patriotism and National pride” in National integration camp at Nehru Yuva Kendra, Raghunathpur, Purulia, on 26.03.2012.
- ❖ A paper entitled “Exploration of ethno-medicinal information from different tribes of Purulia District, West Bengal, India.” has been accepted for oral presentation in International Conference on Advances in Plant Sciences-2012 (November 14-18, 2012) at Chiang Mai, Thailand.
- ❖ Participated and delivered lecture as a resource person in an action programme and workshop on biodiversity Register at Kustaur High School on 21st and 23rd November 2012, Organised by Purulia Polytechnic in collaboration with West Bengal Biodiversity Board.
- ❖ Presented a paper entitled “ Swami Vivekananda – The spirit of selflessness incarnated in flesh” in the National seminar on The Significance of Practical Vedanta in Modern times on 24.12.2012, jointly organized by the Department of Philosophy, S.K.B University and ICPR (MHRD, India).
- ❖ Presented a paper entitled “**STUDIES ON THE EFFECT OF VERMICOMPOST ON THE GROWTH, YIELD AND QUALITY OF CHRYSANTHEMUM (*Chrysanthemum coronarium* L. cv. *Kasturba gandhi*)**” in the UGC sponsored Two-day National seminar on Green Chemistry and Sustainable Agriculture Practices : A step towards better future held at Panchakot Mahavidyalaya, Sarbari, Purulia, on 1st and 2nd February, 2013.

- ❖ Presented a paper entitled “**My India, Arise**” in the UGC sponsored Two-day National seminar on Contribution of Swami Vivekananda to India’s National Reawakening: Present Relevance” held at Panchakot Mahavidyalaya, Sarbari, Purulia, on 13th and 14th February, 2013.
- ❖ Participated in the panel discussion entitled “Science and culture in views of Swamiji” and delivered a speech entitled “Scientific thoughts in Swamiji” on 1st October 2013.
- ❖ Presented a paper entitled “**Ethnomedicinally Important Pteridophytes from Joypur Forest, Bankura, West Bengal**” in the National seminar on Natural Resources and Heritage Conservation issues in India” organized by SEBA at Paribesh Bhavan, Salt Lake, Kolkata, on 8th September, 2013.
- ❖ Presented a paper entitled “**Vedanta is the Future Religion** ” in the UGC sponsored Two-day National seminar on “Reflection of Vedantic Thoughts in Swami Vivekananda” held at Raghunathpur College, Raghunathpur, Purulia, on 23th and 24th August, 2013.
- ❖ Read an article “Setu” written by Sw. Lokeswaranandaji in the UGC sponsored Two-day National seminar on “Reflection of Vedantic Thoughts in Swami Vivekananda” held at Raghunathpur College, Raghunathpur, Purulia, on 23th and 24th August, 2013.
- ❖ Delivered Lectures on Swami Vivekananda at different blocks namely Para, Kashipur and Raghunathpur in 2012 and Kashipur, Raghunathpur and Saturi in 2013 during Vivek Chetna Utsav organized by Department of Youth Affairs, West Bengal.

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in

c) National committees b) International Committees c) Editorial Boards....

Nil

22. Student projects :**Nil**

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

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: **Nil**

a)National

b)International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Academic Session	Applications received	Selected	Enrolled *M *F	Pass percentage
Chem. Hons.	2009-2010	N.A.	21	12 9	43.0
	2010-2011		15	9 6	86
	2011-2012		14	8 6	57
	2012-2013		25	17 8	68
Chem. Gen.					

*M=Male F=Female

27. Diversity of Students: **All the students in Chem.(H) come from the same state**

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

➤ **16**

29. Student progression

Student progression	Against % enrolled
UG to PG	45.7%
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	NIL
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- Library: We maintain a departmental library enriched by books & journals bought by the teachers and students of our department.
- Computer, LCD Projector.
- Microscope with MIPS.
- Laminar Flow
- Printer and Xerox.

- f) Herbal Garden
- g) Refrigerator
- h) Class rooms with ICT facility:01
- i) Laboratories: 2

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

Participation of UG students in the National Seminar

- ❖ Green Chemistry and Sustainable Agriculture Practices : A step towards better future held at Panchakot Mahavidyalaya, Sarbari, Purulia, on 1st and 2nd February, 2013.
- ❖ National seminar on Natural Resources and Heritage Conservation issues in India” organized by SEBA at Paribesh Bhavan, Salt Lake, Kolkata, on 8th September, 2013.

Teaching methods adopted to improve student learning

Sometimes models, charts, projector and smart board are used as teaching aids.

33. Participation in Institutional Social Responsibility (ISR) and Extension activities

Departmental teachers are involved in different Institutional responsibilities such as Academic affairs, Admission process, Sports, Construction works, etc.

34. SWOC analysis of the department and Future plans

- (i) Department is very willing to provide a space for project and research work
- (ii) Department wants to extend its space by extending the existing general laboratory
- (iii) Department likes to held a departmental reunion

THE EVALUATIVE REPORTS

Criterion-wise Evaluative Reports

CRITERION I

CURRICULAR ASPECTS

The goals and mission of the institution have more or less remained the same. They are only readjusted and redefined keeping in mind the changing needs of the students in the fast changing world of today. More focus is given on skill based learning and the courses that offer employment opportunities based on various technological expertise. Courses in B.C.A., Music and Physical Education are introduced accordingly. The B.C.A., however, is self-financed. The courses offered are also at times aimed at enabling the students for self-employment. Besides, during the last four years, Honours courses in Sociology, Geography, Sanskrit, Political Science and Botany have been introduced.

The academic calendar ensures a proper planning of the activities to be done throughout the year and the knowledge of the same for the students. The records of what are done in the college on each day are meticulously kept by each of the departments so far as the academic activities are concerned. Audio-visual aids are now more frequently used as part of the teaching-learning process. Through various other social and cultural activities, the all- round personality development of the students is now more focused upon. Along with the intermittently taken class tests, two unit tests are now introduced for ensuring continuous evaluation of the students.

The college recently got affiliated to the Sidho-Kanho-Birsha University and the teachers actively participated in the framing of the undergraduate syllabus for different subjects. The institution is actively engaged with beneficiaries like UGC, the Education Department of the Govt. of West Bengal and the SKB University on regular basis. The implementation of the objectives of curricula is assessed regularly in the Teachers' Council meetings, Departmental meetings and the entire thing is supervised by the IQAC of the College. For self-employment in different trades, two diploma courses on Masonry and Canteen Work have been done in recent times. Diploma courses in Human Rights and Blood Donation related aspects have

also been run in order to promote awareness regarding important social issues. The Career and Counselling Cell offer the students guidance regarding the employment opportunities available in different fields and career options by inviting professional from different fields to deliver lectures and offer their suggestions. NSS programmes are aimed at community orientation.

CRITERION II

TEACHING-LEARNING AND EVALUATION

The admission process is highly transparent and the informations related to admission are given in the local newspapers and the college website. The admission is done strictly on the basis of merit. The Admission committee supervises the entire process. Reservation in the admission process is done as per the guidelines of the state government.

The differently able students are specially taken care of. A ramp has recently been built for them with the grant received from the UGC. The relatively poor merited students are provided with extra classes by the teachers in the leisure hour to enable them to cope with the programme of their choice. On the other hand, the advanced students are encouraged to consult e- books, use internet, read relatively difficult critical books and to deliver talks in the symposia and group discussions to develop their leadership potentials.

The college carefully sees to it that no gender discrimination is encouraged. There is also effort at sensitization of the students and staff regarding creation and maintenance of a healthy environment.

Students from the disadvantaged sections of society, e.g. physically challenged, slow learners, economically weaker sections etc. are given extra care and their performance is assessed and they are helped for their improvement. In case of the possibility of a drop out, the teachers take special notice of the absence records of the students and connect to the guardian and discuss the matter. The college has its academic calendar published every academic year.

The syllabi for different years are distributed among different faculties for completion of the syllabi. Teaching aids like charts, diagrams, maps, computer, LCD projector, smart board are used by the teachers for effective teaching in the classrooms.

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. It also ensures timely, efficient and progressive performance of academic, administrative and financial tasks. The detailed IQAC reports are given in the body of the report (Annexure 2.3).

A huge number of books and many journals are available in the library. The internet facility is available in the library and many computers are provided by the college in different departments. All these are done to make the learning more student-centric. The faculty use 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, internet, infolibnet etc. for effective teaching.

Psycho- social support and guidance are offered to the students by the faculty. The President of the Governing Body of the College, himself a doctor, and another lady doctor make themselves available in the college one day per week for the health support of the students. A career and counseling cell is there in the college and its members offer counseling to the students regarding career opportunities and also look after their psychological well-being. The Cell arranges coaching classes for competitive examinations. Resource person are invited for deliberation. Sufficient number of journals is purchased for preparation.

The faculty members are encouraged to participate in National/International level seminars, workshops, symposia and conferences and they share their experience there with students and the faculty. They are also encouraged to carry on new researches in different fields of studies. The curriculum is usually completed within the stipulated timeframe. IQAC monitors the quality of the teaching and learning continuously.

The West Bengal College Service Commission appoints the teachers and the part time/ guest lecturers are recruited by the college as per the guidelines issued by the Sidho-Kanho-Birsha (SKB) University.

The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights etc, find an ample space when it comes to applying them positively into the curriculum. Some of the teaching faculty have delivered invited lectures in different institutes. The college encourages the teachers to pursue research works for further academic improvement and publish articles in journals.

Regular unit tests are held to assess the degree of advancement achieved by the students and the teachers take remedial measures accordingly. For the teachers' performance evaluation, students' feedback is taken at the end of each year. Performance of the students in the final examinations at different stages is analyzed before the students to help them recover from their deficiencies.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

The institute has a Research Committee to guide the students and faculty and encourage them in research activities. UGC sponsored National level seminars, science exhibitions, three minor research projects completed under UGC XI Plan, a major research project, recently two minor research projects sanctioned are some of the activities under the guidance of the Research Committee. If any project is sanctioned by UGC, full support is provided to the principal investigator to implement the research scheme within the time frame work.

For the development of scientific temper and research culture and aptitude among students, various departments of the college also organize National level UGC and other funding agency sponsored seminars to create curiosity among the students and enable them to interact with eminent dignitaries and researchers from all over India.

Most of the faculty members are involved in research activities of various sorts. They publish continuously in different journals. Most of them have completed their doctoral thesis. A large number of seminars have been organised by different departments in recent years. The College keeps on inviting experts on various subjects to deliver guest lectures to the students of both UG and PG level. Very recently, the department of chemistry and physics jointly have been trying to perform an experimental research project in material science.

For the development of research facility, UGC has sanctioned recently an equipment grant worth Rs. 25 lac. The gadgets and equipments like UV-Vis spectrophotometer, smart board, visualizer, audio systems and LCD projectors bought by using this grant are utilized by the faculties as well as students. Recently, Dr. B. Biswas of department of Chemistry, has been granted a major research project under “**FastTrack Scheme for Young Scientist**” by Department of Science and Technology (DST), Govt. of India and hence he is ready to enrol

a research scholar under Sidho-Kanho-Birsha University (SKB) University in Chemical Sciences. The library has around 35000 books and it subscribes to a number of journals. The library has been registered by INFLIBNET center. Moreover, there is a Network Resource Centre with internet facility. These help the researchers to carry on their research.

The college motivates the professionally qualified faculty to utilize their expertise for consultancy services with the permission of the institute. This helps in promoting liaison with industry/ companies.

The college has initiated a number of community development activities. These include blood-donation camps, allowing the people of the locality to utilise the college play ground outside the college hours, different developmental activities of the NSS units.

To promote citizenship roles and ensure students' involvement in various social movements / activities , the college has taken various measures. The college campus is made plastic free with the cooperation from the students. Environment Awareness campaign and Human rights awareness campaign are conducted by NSS unit every year.

The institute has evolved a stakeholders' web by combining different platforms like Research Committee, Alumni, Eco Club and Science Club with a fair representation of Students. The IQAC in the planning process considers feedback collected from the entire stakeholder to prepare perspective on development. The management has developed evaluation tools for stakeholders to record their opinions, suggestions and objections for constructive developments for future. The institute is highly concerned with the interest of its stakeholders i.e. students, parents, staff, alumni.

The college is continually organizing a number of outreach activities which relate to academic, social, cultural, community service, adventure etc and all culminating in building a healthy society contributing to nation building.

The institute has made a conscious effort to promote social justice as a value in learning process and administrative interactions. The objectives of the extension activities are to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges. The outreach and the

extension activities help in forging constructive relationships with other local institutions. For example, blood donation camps are organised with the help of the State Government Hospitals and local NGOs. In the Aids prevention seminars and activities, the local NGOs working on the Aids infected patients are collaborated with.

Prof. Samir Kr. Chanda, Teacher-in-Charge, Raghunathpur College was awarded with **Rastriya Vidya Saraswati Puruskar** by International Institute of Education and Management, New Delhi for outstanding achievements in the field of Education. He has also been awarded **Certificate of Education Excellence** by Indian Solidarity Council in association with G.A.F for individual excellence in recognition of Sterling merit – excellent performance and outstanding contribution for the progress of the nation and worldwide.

Dr. Bhaskar Biswas has published few papers in Inorganic Chemistry in association with some eminent scientists like Prof. Hui-Lien Tsai (Twain), Prof. Timo Repo (Finland), Prof. Yann Garcia (Belgium).

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

The infrastructural facilities for more effective teaching and learning in the college are funded by the UGC and the State Government. From time to time, local MP and MLA are also approached for financial assistance. The college, spread over 27.88 acres of land, has spacious seminar/conference halls, adequate number of classrooms, well equipped laboratories, chambers for the faculty and discussion room to facilitate the academic programs. It has a separate administrative block. The spacious central library is located in another block. The College has an out-door Sports Ground for sports activities and a Health Center for the medical treatment of students and staff. The College also has two fully furnished and equipped Computer Labs. Boys' and Girls' Common Room, a gymnasium and a hygienic canteen are also available here.

In a number of classrooms, the provision of OHPs, Multimedia learning, audio-visual system and visualizer is given. The Computer Department is situated in a separate independent block where the UG level classes of BCA are run. The college has twelve well equipped laboratories, four in Chemistry Department, three in Physics, two for the Botany Department, one for the Zoology Department, one for the Geography Department and one for the BCA

Department. Our college has a well maintained botanical garden where the students of botany study various plants. Apart from the internet facilities and other equipments available for the staff mentioned earlier, equipments like UV-Vis spectrophotometer, Laminar flow, advanced stereomicroscope, digital balance, telescope etc. also help in developing more interesting teaching- learning environment.

A spacious 2 acre play ground with stadium facilities and galleries is available for outdoor games i.e. football, cricket, athletics, Kabaddi, Kho-Kho etc. in college campus. In the Athletic and Football Meets, the college consistently performs well and offers the state some of the best sportsmen from the district. Facilities for the sports like Badminton, Table Tennis, Chess, Carrom etc, are provided to students in the college campus. An advanced technology enabled auditorium having seating capacity around 200 is in the making. Purified and safe drinking water is available in the college campus for the students and the staff . In emergency needs, the local hospital provides treatment to the students. Hostel facility is made available for 100 boys in the college campus. Recreational facilities are also available for the students in their common rooms.

The optimal use of the infrastructure for the academic growth is ensured and developmental strategies are evolved accordingly keeping in mind the need of the students. The computing facility is available and the details of it is given in 4.3. The UGC Network Resource Centre is also there for offering internet facility to the students and the faculty. Teachers at times download e-books and e-journals and sometimes use them for their classroom lecture through LCD projectors and programme-based papers.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

The updated prospectus is published annually with all the relevant information regarding admission procedure, programs offered and evaluation methods, fees structure, refund policies, financial aids and student support services. Approximately 400 students get freeship facility and the students from the minority communities receive financial assistance from the State and the Central Government in the forms of scholarships. To facilitate entrepreneurial skills among the students, courses in Canteen worker, Masonry work and First Aid training have been arranged.

Co-curricular activities such as outdoor sports, indoor games, Quiz competitions, debate and discussions, cultural activities are organized to promote social consciousness and leadership qualities and personality development of the students with full bloom of their talents. Many students have qualified in the various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc..The Career and Counselling Cell with its activities mentioned earlier help students in preparing themselves for the employment opportunities of various forms available to them.

A grievance redressal cell is there for the students and the teachers take due steps to redress grievances of any form, if any. A disciplinary committee is there to deal with any complain of sexual harassment. An Anti- Ragging committee has also been formed. But during last four years, there has been no specific complaint regarding these two aspects.

The Alumni Association formed in the year 2004 offer prizes for academic excellence and provide valuable suggestions for the improvement of the functioning of the college. A Convention on “Development of this College” has been held on 19th February 2005. Mr. Basudev Acharaya, a renowned teacher and our local M.P. illuminated the said convocation by his august presence and erudite deliberation. The students are encouraged to publish materials in Departmental Wall Magazine and Annual College Magazine (Srijani). The Student Council is elected by the students through Student Election. The elected members and office bearers arrange and participate in different cultural and social activities. Funding is managed through the Union fees which are collected at the time of admission.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

The college hopes to become a centre of excellence and seeks to provide quality education with modern infrastructural supports empowering students for their all round development which will contribute to the development of the society.

The Governing Body of the college which comprises of the members of Government nominee, University nominee, Principal, Teachers’ representatives, Non-teaching representatives, and Students’ Union representative and a person interested in higher education generally formulates the policies and plans in consultation with various committees

(24 in Nos.) The leadership frequently sits with the members of the various committees and invites their suggestions for the betterment of the academic environment. The leadership also considers students' views as regards the development of the college and incorporates the suggestions, if they are rational. They also seek suggestions from guardians and eminent people of the locality.

The Governing Body, in consultation with the other committees, formulates policies and take decisions related to the academic activities and the Principal/ Teacher-in- Charge implements them. The Governing Body also encourages the Departmental Heads to take decisions regarding the better management of the academic activities of the department. The operational autonomy is provided to the departments and the policies are implemented with the cooperation of the management. There are 24 committees, 17 departments, office employees union and the students' union. The suggestions are put to the Principal who in turn places these in the meeting of the GB to take ultimate decision(s).

The IQAC looks after the quality assurance of the teaching-learning process. The teachers provide sufficient time for class room teaching with audio-visual devices. Besides, they also meet the need of the students off the class by making themselves available to them and helping them in all possible ways. The college strives to encourage the students, office employees and faculty members by promoting friendly but competitive and development-oriented temperaments. The head of the institution always keeps contact with the teachers, employees, students, guardians to review the activities of the institution.

Departments provide feedback forms to the students to express their views. Though no specific performance appraisal system of the faculty is available, the departmental teachers sit in a meeting with the students' feedback forms received at the end of the Part III Examinations and make honest assessments of their performance and strive to improve. Members of the teaching and non-teaching staff are encouraged by providing them with computers for the professional development. Teachers are always encouraged in research works. They are also encouraged to participate in workshops, seminars, orientation and refresher courses for updating their knowledge.

Employees' Credit Co-operative Society is formed to extend help to the respective employees whenever required. Different committees are formed to monitor effective and efficient use of available financial resources.

For internal audit regular checking of accounts and allied activities are done by teacher-in-charge, bursar and convenors of different committees entrusted to handle respective funds. For external audit auditor is appointed from the office of the D.P.I from time to time. The last audit was done on 30.11.2012 for the F.Y. 2011-12. The major sources of institutional funding are fees received from the students from time to time, the UGC grants and the DPI grants.

The institution has its IQA Cell. It collects inferences from the learners and various committees through participatory interactions, based on which it proposes comprehensive perspective plan to the Governing Body for approval and implementation.

The academic quality of the institution is evaluated on the basis of the performance of the students in their examinations. The teachers also judge the student's academic abilities by way of question-answer and written tests. The administrative system also looks after the quality education in the institution. The academic quality of the institution is maintained by the teaching and learning processes. The administrative quality is maintained by the effective functions carried out by the various committees. The students play a major role in assuring quality of education imparted by the institution. The results of Outcome Assessment are used by the faculty to evaluate the effectiveness of academic programs and activities, and student services.

CRITERIA VII

INNOVATIONS AND BEST PRACTICES

There is no formal conducting of green audit in the institution .The use of solar cooker, solar heater and solar lamp, natural rainwater harvesting, certain preventive measures to check the emission of carbondioxide, organisation of Van Mahotsav for tree plantations are some of the measures to make the college campus eco-friendly.

The college has made several innovations in academics, administration and other levels of the college working for smoother and more effective functioning of the college. These innovations include feedback mechanism, computerization of the Administrative Block, computerization of library etc..Academic innovations include introduction of two unit tests each year.

Two of the best practices are introduction of a telescope in the Physics Department for sky-watching and use of video-clippings of lectures by eminent scholars in the classrooms for the benefit of the students.

EXECUTIVE SUMMARY

CRITERION I

CURRICULAR ASPECTS

More focus is given on skill based learning and the courses that offer employment opportunities based on various technological expertise. Courses in B.C.A., Music and Physical Education are introduced accordingly.

Besides, during the last four years, Honours courses in Sociology, Geography, Sanskrit, Political Science and Botany have been introduced.

The academic calendar ensures a proper planning of the activities to be done throughout the year and the knowledge of the same for the students. The records of what are done in the college on each day are meticulously kept by each of the departments so far as the academic activities are concerned. Along with the intermittently taken class tests, two unit tests are now introduced for ensuring continuous evaluation of the students.

The college recently got affiliated to the Sidho-Kanho-Birsha University and the teachers actively participated in the framing of the undergraduate syllabus for different subjects. The institution is actively engaged with beneficiaries like UGC, the Education Department of the Govt. of West Bengal and the SKB University on regular basis. The implementation of the objectives of curricula is assessed regularly in the Teachers' Council meetings, Departmental meetings and the entire thing is supervised by the IQAC of the College. For self-employment in different trades, two diploma courses on Masonry and Canteen Work have been done in recent times. Diploma courses in Human Rights and Blood Donation related aspects have also been run in order to promote awareness regarding important social issues.

CRITERION II

TEACHING-LEARNING AND EVALUATION

The admission process is highly transparent and the informations related to admission are given in the local newspapers and the college website. The admission is done strictly on the basis of merit.

The differently able students are specially taken care of. A ramp has recently been built for them with the grant received from the UGC.

The college carefully sees to it that no gender discrimination is encouraged. There is also effort at sensitization of the students and staff regarding creation and maintenance of a healthy environment.

In case of the possibility of a drop out, the teachers take special notice of the absence records of the students and connect to the guardian and discuss the matter.

Teaching aids like charts, diagrams, maps, computer, LCD projector, smart board are used by the teachers for effective teaching in the classrooms.

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. It also ensures timely, efficient and progressive performance of academic, administrative and financial tasks.

The internet facility is now available in the library.

Audio-visual aids are now more frequently used as part of the teaching-learning process. The faculty use 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, internet, infolibnet etc. for effective teaching.

The President of the Governing Body of the College, himself a doctor, and another lady doctor make themselves available in the college one day per week for the health support of the students. A career and counseling cell is there in the college and its members offer counseling to the students regarding career opportunities and also look after their psychological well-being.

The faculty members are encouraged to participate in National/International level seminars, workshops, symposia and conferences and they share their experience there with students and the faculty. They are also encouraged to carry on new researches in different fields of studies

The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights etc, find an ample space when it comes to applying them positively into the curriculum.

Regular unit tests are held to assess the degree of advancement achieved by the students and the teachers take remedial measures accordingly. For the teachers' performance evaluation, students' feedback is taken at the end of each year.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

The institute has a Research Committee to guide the students and faculty and encourage them in research activities. UGC sponsored National level seminars, science exhibitions, three minor research projects completed under UGC XI Plan, a major research project, recently two minor research projects sanctioned are some of the activities under the guidance of the Research Committee.

For the development of scientific temper and research culture and aptitude among students, various departments of the college also organize National level UGC and other funding agency sponsored seminars to create curiosity among the students and enable them to interact with eminent dignitaries and researchers from all over India.

The College keeps on inviting experts on various subjects to deliver guest lectures to the students of both UG and PG level. Very recently, the department of chemistry and physics jointly have been trying to perform an experimental research project in material science.

For the development of infrastructure for research facility, UGC has recently sanctioned an equipment grant worth Rs. 25 lac. The gadgets and equipments like UV-Vis spectrophotometer, smart board, visualizer, audio systems and LCD projectors bought by using this grant are utilized by the faculties as well as students. The library has been registered by INFLIBNET center to augment research facilities. Recently, Dr. B. Biswas of department of Chemistry, has been granted a major research project under “**FastTrack Scheme for Young Scientist**” by Department of Science and Technology (DST), Govt. of India and hence he is ready to enrol a research scholar under Sidho-Kanho-Birsha University (SKB) University in Chemical Sciences.

The college has initiated a number of community development activities. These include blood-donation camps, allowing the people of the locality to utilise the college play ground outside the college hours, different developmental activities of the NSS units.

To promote citizenship roles and ensure students' involvement in various social movements / activities , the college has taken various measures. The college campus is made plastic free with the cooperation from the students. Environment Awareness campaign and Human rights awareness campaign are conducted by NSS unit every year.

The institute has evolved a stakeholders' web by combining different platforms like Research Committee, Alumni, Eco Club and Science Club with a fair representation of Students. The IQAC in the planning process considers feedback collected from all the stakeholders to prepare perspective on development.

The outreach and the extension activities help in forging constructive relationships with other local institutions. For example, blood donation camps are organised with the help of the State Government Hospitals and local NGOs. In the Aids prevention seminars and activities, the local NGOs working on the Aids-infected patients are collaborated with.

Prof. Samir Kr. Chanda, Teacher-in-Charge, Raghunathpur College was awarded with **Rastriya Vidya Saraswati Puruskar** by International Institute of Education and Management, New Delhi for outstanding achievements in the field of Education. He has also been awarded **Certificate of Education Excellence** by Indian Solidarity Council in association with G.A.F for individual excellence in recognition of Sterling merit – excellent performance and outstanding contribution for the progress of the nation and worldwide.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

The infrastructural facilities for more effective teaching and learning in the college are funded by the UGC and the State Government. From time to time, local MP and MLA are also approached for financial assistance. The college, spread over 27.88 acres of land, has spacious seminar/conference halls, adequate number of classrooms, well equipped laboratories, chambers for the faculty and discussion room to facilitate the academic programs.

In a number of classrooms, OHPs, Multimedia learning, audio-visual system and visualizer

is given are available.

The college has twelve well-equipped laboratories, four in the Chemistry Department, four in the Physics, one for Mathematics, two for the Botany Department, one for the Zoology Department, one for the Geography Department and one for the BCA Department. Our college has an well maintained botanical garden where the students of botany study various plants.

Equipments like UV-Vis spectrophotometer, Laminar flow, advanced stereomicroscope, digital balance, telescope etc. also help in developing more interesting and useful teaching-learning environment.

A spacious 2 acre play ground with stadium facilities and galleries is available for outdoor games i.e. football, cricket, athletics, Kabaddi, Kho-Kho etc. in college campus. In the Athletic and Football Meets, the college consistently performs well and offers the state some of the best sportsmen from the district.

An advanced technology enabled auditorium is in the making. Purified and safe drinking water is available in the college campus for the students and the staff . In emergency needs, the local hospital provides treatment to the students. Hostel facility is made available for 100 boys in the college campus.

The UGC Network Resource Centre is also there for offering internet facility to the students and the faculty. Teachers at times download e-books and e-journals and sometimes use them for their classroom lecture with LCD projectors and programme-based papers.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

The updated prospectus is published annually with all the relevant information regarding admission procedure, programs offered and evaluation methods, fees structure, refund policies, financial aids and student support services. Approximately 400 students get freeship facility and the students from the minority communities receive financial assistance from the State and the Central Government in the forms of scholarships. To facilitate

entrepreneurial skills among the students, courses in Canteen worker, Masonry work and First Aid training have been arranged.

Co-curricular activities such as outdoor sports, indoor games, Quiz competitions, debate and discussions, cultural activities are organized to promote social consciousness and leadership qualities and personality development of the students with full bloom of their talents.

A grievance redressal cell is there for the students and the teachers take due steps to redress grievances of any form, if any. A disciplinary committee is there to deal with any complaint of sexual harassment. An Anti- Ragging committee has also been formed. But during last four years, there has been no specific complaint regarding these two aspects.

The Alumni Association formed in the year 2004 offer prizes for academic excellence provides valuable suggestions for the improvement of the functioning of the college.

The students are encouraged to publish their creative and researched writings in the Departmental Wall Magazines and the Annual College Magazine (Srijani).

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

The Governing Body of the college which comprises of the members of Government nominee, University nominee, Principal, Teachers' representatives, Non-teaching representatives, and Students' Union representative and a person interested in higher education generally formulates the policies and plans in consultation with various committees (24 in Nos.). Its decisions related to the academic and administrative activities are executed by the Principal/ Teacher-in- Charge. The operational autonomy is provided to the departments and the policies framed according to the suggestions of the faculties of different departments are implemented with the cooperation of the management.

The college strives to encourage the students, office employees and faculty members by promoting friendly but competitive and development-oriented temperaments.

Departments provide feedback forms to the students to express their views. Though no specific performance appraisal system of the faculty is available, the departmental teachers sit in a meeting with the students' feedback forms received at the end of the Part III

Examinations and make honest assessments of their performance and strive to improve.

Employees' Credit Co-operative Society is formed to extend help to the respective employees whenever required.

For internal audit regular checking of accounts and allied activities are done by teacher-in-charge, bursar and convenors of different committees entrusted to handle respective funds. For external audit, an auditor is appointed from the office of the D.P.I from time to time. The last audit was done on 30.11.2012 for the F.Y. 2011-12.

The academic quality of the institution is evaluated on the basis of the performance of the students in their examinations.

The results of Outcome Assessment are used by the faculty to evaluate the effectiveness of academic programs and activities.

CRITERIA VII

INNOVATIONS AND BEST PRACTICES

There is no formal conducting of green audit in the institution. The use of solar cooker, solar heater and solar lamp, natural rainwater harvesting, certain preventive measures to check the emission of carbon dioxide, organisation of Van Mahotsav for tree plantations are some of the measures to make the college campus eco-friendly.

Two of the best practices are introduction of a telescope in the Physics Department for sky-watching and use of video-clippings of lectures by eminent scholars in the classrooms for the benefit of the students.

POST ACCREDITATION INITIATIVES

The college had adopted several measures to promote academic activities along with the extracurricular activities after the 1st cycle of accreditation on 18/11/2005 and 19/11/2005. For these the grant received from the UGC and State Government along with the financial support from college fund were utilized. The followings are listed below.

1. Students' hostel was extended to provide more students hailing generally from rural zones.
2. A separate two-story library building was constructed. Now the number of books in the library exceeds thirty two thousands. The library was provided with a number of computers with internet facilities. Moreover, INFLIBNET has been introduced in the library for catalogueing. The two-story library having sufficient space provides lending and reading facilities for students and staff. One photocopying machine has been installed for the purpose of photocopy.
3. Network Resource Center was established in the college under UGC scheme.
4. Office space has been renovated. A number of computers have been provided to office staff. Moreover, duplicating machine, fax, photocopiers are installed for automation of the office.
5. A meeting room was constructed.
6. Keeping in mind, students are coming from distant place, the canteen is made more spacious. Different amenities have been provided in the canteen for staff and students.
7. Physical Education subject has been introduced for the benefit of the students. For this purpose a Gymnasium has been established from the UGC grant. Moreover, some sports and athletics-goods have been procured by the college.
8. The college has completed its fifty years in 2010-11. To commemorate this event an Auditorium has been constructed which is now nearing to completion. The UGC and the State Government are the main funding agencies.
9. The college has a beautiful play-field with a very beautiful natural picturesque. To keep intact the natural beauty, the stands of the stadium have been constructed in two sides of the field with the help from the UGC.
10. A ramp has been constructed for the differently abled students under the UGC scheme.
11. A Career Counselling Cell for the purpose of the benefit of the students has been established in the college.
12. A three-storied new academic building has been constructed.

13. A self-financing course Bachelor of Computer Application has been introduced in the college in the year 2009 keeping in mind the local demand for it. The very fact is that Raghunathpur College is the only Government-sponsored college in the district of Purulia which provides such course.
14. Seven Honours-subjects have been introduced/ upgraded after the Ist cycle of accreditation. The new subjects introduced are: Sociology(H), Geography(H), Music and Physical Education. The subjects upgraded to honours are: Political Science, Philosophy, Sanskrit, Botany, Zoology.
15. One medicinal plant garden named 'Jagadish Bose Herbal garden' and one floral garden have been made.
16. All the departments were provided with computers. Some departments have got projectors, visualizers.
17. Green Borads are set up in almost all the classrooms. Moreover, a smart board has been introduced in a gallery-cum-classroom.
18. A number of seminars has been organised by college [As stated in the relevant part in the text].
19. Some of minor projects of different departments have been completed, some are still running. Moreover, a major project in the department of Chemistry has come into being.
20. The NSS units of the college have adopted two villages and different programmes from time to time have been running successfully with the full co-operation from the students and teachers.
21. The college is introducing the unit-tests for checking the standards of the students and the remedial classes for students have been taken by different departments in time to time.
22. A medical unit was established and the renowned doctors visit on a regular basis.
23. A greenery development project has been taken by the college.
24. Two vehicle-stands for the students and staff have been constructed.

RAGHUNATHPUR COLLEGE

(GOVERNMENT SPONSORED)

PH. NO. : (03251) 255235

P.O. : RAGHUNATHPUR
DIST. : PURULIA (W.B.) PIN : 723133
RLY. STN. : JOYCHANDIPAHAR (S.E.RLY.)

Ref. No.

Date 18/5/2014

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and No part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.



18/5/2014
(Prof. Samir K. Chanda)
Teacher-in-Charge
RAGHUNATHPUR COLLEGE
Raghunathpur, Purulia

Signature of the Head of the institution

with seal:

Place:

Date:

Raghunathpur
18/5/2014