

SELF STUDY REPORT

ACCREDITATION, CYCLE: 2

JAWAHARLAL NEHRU COLLEGE, BOKO



SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALORE

PREPARED BY
INTERNAL QUALITY ASSURANCE CELL (IQAC)
JAWAHARLAL NEHRU COLLEGE
BOKO, KAMRUP, ASSAM
PIN - 781123

VISION

TO SET A HALLMARK IN THE FIELD OF EDUCATION AND TO PRESERVE, CREATE AND DISSEMINATE, KNOWLEDGE THROUGH TEACHING, LEARNING, INNOVATION AND EXPERIMENTATION, THUS CLINCHING NEW VISTAS OF OPPORTUNITIES FOR THE GENERATIONS TO COME SO THAT THEY MAY ACHIEVE, SELF-SUFFICIENCY AND IT MAY IMPART IN THEM, FAITHFULLY AND COMPREHENSIVELY, THE ACCUMULATED CONSCIENCE OF MODERN HUMAN CIVILIZATION IN TERMS OF CULTURAL, SCIENTIFIC AND TECHNOLOGICAL EXPERIENCES, THEREBY ENSURING COURAGE AND DETERMINATION IN THEM TO FACE THE CHANGING SCENARIOS OF THE SOCIO ECONOMICAL SITUATION CREATING RESPONSIBLE INDIVIDUALS LEADING A RESPONSIBLE SOCIETY TO CONTRIBUTE TO THE ADVANCEMENT OF THE REGION, THE STATE AND THE NATION AS A WHOLE AND THUS IDENTIFYING A COLLABORATION WITH THE EVER SOUGHT DESIRE FOR KNOWLEDGE AND PROGRESS OF THE HUMAN RACE.

Preface

Jawaharlal Nehru College, Boko was established on 3rd August' 1964. Some pioneers in the field of education of the locality having the vision to impart higher education were instrumental behind establishment of this premier institution of higher education in this backward region dominated by scheduled castes and scheduled tribes. The college is named after the hallowed memory of Pandit Jawaharlal Nehru, the first Prime Minister of India and the institute vows to follow his footsteps for realizing the goal of modern India through imparting quality education in this relatively backward area. Shri Achyut Chandra Adhikary was the founder principal of the college and under his stewardship the institution has taken remarkable strides in spreading the message of higher education in a vast area on the south bank of the mighty Brahmaputra. After that Sri Jatin Chandra Nath joined as first permanent Principal of the college. In spite of a humble beginning, having only 60 students in 1964, the college has grown in its strength and within a short time was accorded deficit grants-in-aid status, in 1969. It was granted permanent affiliation by the Gauhati University in the year 1989. Realizing the importance of science education, the college started the science stream in 1986 which was granted deficit grants-in-aid in the year 1998. Presently there are a total of 14(fourteen) departments, of which 9(nine) are within the Arts stream and 5(five) are included in the science stream respectively. All the departments offer both major and general courses of study. There are 2017 students in the college including the +2 and the under-graduate levels. There are 44(forty four) permanent teachers and 19(nineteen) teachers appointed on contractual basis. The non-teaching and library staff includes 19(nineteen) permanent and 10(ten) temporary members.

The college is situated at a distance of 60 kilometres west of Guwahati, the capital of Assam and well connected by road and railway services. It has a sprawling land area of 110 bighas adjacent to the National highway No.37. The college campus consists of the Arts section, the Science section, the three-storied(RCC) Administrative building, the Students Union Hall, an Auditorium, the digital conference Hall, Botanical Garden, Rubber Plantation Mini-stadium, Girls' Hostel a Swimming Pool and an Indoor Stadium, which is under construction and two vast playgrounds. The college has great scenic beauty and has a picturesque setting of peaceful greenery all around, which is conducive to expansion of knowledge.

Since its inception the college is making a sincere effort for the cause of higher education in the region and achieved its goal to a considerable extent. Though adequate funding has always been a problem the college has been favouring the formulation of a strategic plan to develop itself and further improve its strengths to be able to cater to the needs of the people and better equip the changing environment of the knowledge society. To identify its strengths and weaknesses the college has got itself accredited by the NAAC in the year 2004. During the first visit, the NAAC peer team pointed out the advantages and failings of the college and objectively offered

their recommendation. Following these suggestions and recommendations the college has strived to fulfil them and remove those shortcomings in the subsequent period of time.

As per our perception we have prepared an account of our strengths and weaknesses which has been compiled according to the specific criteria prescribed by the NAAC.

Highlights of Significant Quality Sustenance and Enhancement Measures

The following are the significant quality sustenance and enhancement measures in the last four years:

CRITERIA I. Curricular aspects

- i. Introduction of Semester System and credit base evaluation.
- ii. Open access library facility is introduced.
- iii. Internet facility in Network Resource Centre.
- iv. More journals are incorporated in the central library.
- v. More interaction with research bodies such as UGC, DBT, DST etc.
- vi. Course introduced in Montessori Method.
- vii. ICGC of the college has introduced UGC sponsored programme- Entry to the Services.
- viii. The study centre of K. K. Handique State Open University is established.

CRITERIA II. Teaching- Learning and Evaluation

- i. Establishment of a Grievance Redressal Cell against Sexual Harassment.
- ii. Eco Club has been established.
- iii. Annual Eco Audit has been introduced.
- iv. Computerised Admission process has been introduced.
- v. Language Lab has been established.
- vi. E-Classroom has been established.
- vii. Teacher quality has improved due to active participation in research.
- viii. New training programmes are introduced.
- ix. Some members of the faculty have obtained guide ship.

CRITERIA III. Research and Consultancy

- i. The college has developed laboratory through various major projects.
- ii. More faculties involved in research works through research projects.
- iii. More than 12 faculty member have been awarded PhD. And eight faculties have been awarded MPhil.
- iv. Consultancy and training programmes have been organised for teachers from schools.
- v. Reach out programmes have been organised.
- vi. Establishment of GIS lab and Bio-Tech Hub is established.
- vii. More research publication.
- viii. MOA signed with Central Rubber Board.

CRITERIA IV. Infrastructure and Learning Resources

- i. Network Resource Centre has been established.

- ii. E-Class room has been installed.
- iii. GIs Lab has been established.
- iv. Language Lab has been established.
- v. A 35 KVA generator has been set up.
- vi. An institutional Bio-Tech has been established.
- vii. Incorporation of more books and journals in the Central Library.
- viii. Construction of Girl's Hostel
- ix. Construction of Swimming pool.
- x. Construction of Indoor Stadium.
- xi. New Seminar Hall is constructed.
- xii. Day Care Home has been established.
- xiii. Drinking Water facility has been installed.

CRITERIA V. Student Support and Progression

- i. Introduction of UGC sponsored programme- Entry to the Services.
- ii. New free ship facility from various different units and departments.
- iii. Spoken English and soft skill development course have been introduced.
- iv. Improved student progression.
- v. More achievement in various sports and cultural competitions.
- vi. Introduction of wall magazine competition.

CRITERIA VI. Leadership and Management

- i. Master plan for the college is developed.
- ii. New policy is developed to open new courses.
- iii. Automation of office.
- iv. Transparency of the Account of the college.
- v. De centralised administrative and management system.

CONTENTS

	Page No.
Preface	i-ii
Highlights of Significant Quality Sustenance and Enhancement Measures	iii-iv
Executive Summary-The SWOC Analysis of the Institution	1 - 3
Profile of the Institution	4 - 11
Criteria-wise Analytical Report	
Criteria I: Curricular Aspect	12 - 21
Criteria II: Teaching- Learning and Evaluation	22 - 37
Criteria III: Research, Consultancy and Extension	38 - 61
Criteria IV: Infrastructure and Learning Resources	62 - 77
Criteria V: Student support and Progression	78 - 89
Criteria VI: Governance, Leadership and Management	90 - 109
Criteria VII: Innovation and Best Practices	110 - 113
Evaluative Report of the Departments	114 - 198
Declaration	
Annexure	

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name :	JAWAHARLAL NEHRU COLLEGE	
Address :	BOKO, KAMRUP, ASSAM	
City :	Pin :781123	State :ASSAM
Website :	www.jncollegeboko.com	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Nripen Goswami	O:03623-217366	94352 42784		Principaljnc13@gmail.com
Vice Principal	Sri Bhabesh Ch. Goswami	O:03623-217366	98643 25331		
Steering Committee Co-ordinator	Dr. Susanta Bhuyan	O:03623-217366	98640 79796		

3. Status of the institution :

Affiliated College	√
Constituent College	
Any Other (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. Is it recognized minority institution?

Yes	
No	√

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

6. Sources of Funding:

Government	√
Grant- in- aid	
Self financing	√
Any other	√

(a) Date of establishment of the college: 03/08/1964.

(b) University to which the college is affiliated / or which governs the college (if it is a constituent college):

Gauhati University, Guwahati, Assam

(c) Details of UGC recognition:

Under Section	Date	Remarks
i. 2(f)	26-09-1969	
ii. 12(B)	26-09-1969	

(Enclose the certificates)

(d) Details of recognition/approval by statutory/regulatory bodies other than UGC: Does not arise.

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

Yes	
No	√

9. Is the college recognized?

(a) by UGC as a college with potential for excellence(CPE)?

Yes	
No	√

(b) for its performance by any other Governmental agency?

Yes	
-----	--

No	√
----	---

10. Location of the campus in sq. meters:

Location	
Campus area in sq. mts.	33 Acre
Built up area in sq. mts.	7,220

(Rural)

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

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities
 - [√] play ground - Two Playgrounds with a Mini Stadium.
 - [√] swimming pool - One, under construction.
 - [√] gymnasium - One, under construction.
- Hostel [] Boys' hostel
 - i. Number of hostels
 - ii. Number of inmates
 - iii. Facilities (mention available facilities)
- [√] Girls' hostel
 - i. Number of hostels - One
 - ii. Number of inmates - will be started in next academic session with a capacity 70
 - 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 — cadre wise) Not available.
- Cafeteria — One college canteen.
- Health centre — Only first aid facility is available.
- Facilities like banking, post office, book shops - Nil
- Transport facilities to cater to the needs of students and staff - Nil
- Animal house - Nil
- Biological waste disposal - Nil

- Generator or other facility for management/regulation of electricity and voltage – One generator of 35 KV and one mini generator of 1KV.
- Solid waste management facility - Nil
- Waste water management - Nil
- Water harvesting- Nil

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

SL.N o	Program Level	Name of the program/Course	Duration	Entry Qualifica tion	Medium of instructi on	Sanction ed/appro ved student strength	No. Of students admitted
1	Under Gradu ate	BA & BSc (Semester system)	3 years	H S	English and Assame se	BA- 1500 BSc-300	BA-849 BSc-111
		BA under KKHSOU				600	412
2	Post Gradu ate	MA in Assamese and Education under KKHSOU	2 years	BA	English and Assame se	Ass-50 Edn-50	Ass-22 Edn-24
3	Integr ated Progra me PG	Nil					
4	Ph.D	Nil					
5	M. Phil	Nil					
6	Certifi cate Cours e	DTP, Tally, Networking, C- Programming	1-3 months	HS	English	DTP-25 Tally-50 NW-50 C-prog- 25	DTP-20 Tally-10 NW-00 C-prog- 05
7	UG Diplo ma	DCA	3&6 months	HS	English	DCA- 100 BPP- 200 D.El.Ed -200	DCA- 60 BPP-56 D.El.Ed -190
		BPP, D.El.Ed under KKHSOU	1 & 2 years				
8	PG Diplo ma	Nil					
9	Any other	Certificate course in Mushroom cultivation and Montessori methods	3 months	HS	English	Mash- 10 Mont-20	Mash- Mont-

13. Does the college offer self-financed Programmes?

Yes [☒] No [☐]

If yes, how many? - [01]

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

Yes	<input checked="" type="checkbox"/>	No		Number	PG-2, Cert-6 Dip- 2
-----	-------------------------------------	----	--	--------	---------------------------

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

Particulars	UG	PG	Research
Science	Physics, Chemistry, Mathematics, Botany, Zoology		
Arts	Economics, Education, Political Science, Anthropology, Geography, History,		
Commerce	Nil		
Any other	Nil		

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 - [01]

(c) Any other (specify and provide details)

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

Yes [☒] No [☐]

If yes

(a) Year of Introduction of the programme(s) 01/07/2012

and number of batches that completed the programme [Nil]

(b) NCTE recognition details (if applicable) Not applicable.

(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 [✓]

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

Position	Teaching Faculty						Non-teaching stuff		Technical stuff	
	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>	Nil	Nil	16	06	19	08	21	01	Nil	Nil
<i>Yet to recruit</i>	Nil	Nil	03	Nil	01	Nil	03	Nil	Nil	Nil
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>	Nil	Nil	Nil	Nil	09	10	09	02	Nil	Nil
<i>Yet to recruit</i>										

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.	00	00	Nil	Nil	Nil	Nil	Nil
Ph.D.	00	00	05	01	09	01	16
M.Phil.	00	00	01	01	04	03	09
PG	00	00	07	04	04	04	19
Temporary Teachers							
Ph.D.	00	00	00	00	00	00	00
M.Phil.	00	00	00	00	00	00	00
PG	00	00	00	00	00	00	00
Part time teachers							
Ph.D.	00	00	00	00	00	00	00
M.Phil.	00	00	00	00	00	00	00
PG	00	00	00	00	09	10	19

22. Number of Visiting Faculty /Guest Faculty engaged with the College [Nil]

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

Categories	2008-09		2009-10		2010-11		2011-12	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	19	08	15	07	35	28	50	42
ST	113	95	92	97	132	130	174	216
OBC	59	37	54	45	68	95	52	68
General	21	41	24	42	56	46	75	80
Others	12	36	23	35	27	26	22	23

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

Type of students	UG	PG	M.Phill	Ph.D	Total
Students from the same state where the college is located	960				
Students from other states of India	02				
NRI students	00				
Foreign students	00				
Total	962				962

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

2011-12 - UG [16.56] PG []
 2012-13 - UG [18.24] 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. 21,588/- - Approx.]

(b) excluding the salary component [Rs. 1,611/- Approx]

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.

K K Handique State Open University, Assam

c) Number of programmes offered: 04

d) Programmes carry the recognition of the Distance Education Council. Yes [☒] No [☐]

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

Course	Ratio
MA	1 : 6
BA	1 : 51
BPP	1 : 12
D. El. Ed.	1 : 38

29. Is the college applying for

Accreditation : Cycle 1 [] Cycle 2 [☒] Cycle 3 [] Cycle 4 []

Re-Assessment: []

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

Cycle 1: 15&16/12/2004 Accreditation Outcome/Result C⁺⁺

Cycle 2: (dd/mm/yyyy) Accreditation

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

Accreditation Outcome/Result.....

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

31. Number of working days during the last academic year. [264]

32. Number of teaching days during the last academic year [183]

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

33. Date of establishment of Internal Quality Assurance
Cell (IQAC) IQAC - 20/06/2006

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

AQAR (i) **28/12/2012** (for the session 2005-06 to 2010-11)

AQAR (ii) (dd/mm/yyyy)

AQAR (iii) (dd/mm/yyyy)

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)

EXECUTIVE SUMMARY: SWOC ANALYSIS OF THE COLLEGE:

Jawaharlal Nehru College, Boko is located in a beautiful natural environment in Kamrup District of Assam and on the South bank of the mighty river Brahmaputra came in to existence on 3rd August, 1964 as a result of untiring efforts of some luminaries of this locality. The college was started only with Arts faculty and came under deficit grant-in-aid system in 1969. Subsequently, realizing the need of science education, the science faculty was opened in 1986 and this stream came under deficit grant-in-aid system in 1998.

Since the first accreditation the college has been trying its best to for its development and to make it a centre of excellence. As a part of sincere efforts the college has opened a study centre of KKHSOU, Contact centre of IDOL under Gauhati University to provide opportunity for higher education. For development of skill of the students and faculty members, the college has established a DBT, Govt. of India sponsored Institutional Biotech-Hub, UGC sponsored Network Resource Centre, GIS Lab, Language Lab and a Tribal Research Centre under different Schemes. The college has also received financial assistance from UGC to open two Career Oriented Certificate Programmes (COCP) on Mushroom cultivation and Montessori Method which will be started from this session.

The college has also laid stress on the physical and all round development of the students and for this purpose an Indoor Sports facilities and a swimming pool is also under construction under UGC Scheme. A Girls' Hostel has also been constructed under UGC Scheme for the convenience of the poor and backward girl's students of the college.

The college is making utmost effort to fulfill the recommendations of the NAAC as well as quality development of the students and college as a whole.

Strength: The strength of the college may be described in terms of

- (i) Physical resources
- (ii) Human resources
- (iii) Learning resources

Physical Resources:

Physical resources of the college includes its own land measuring 110 bighas (Hundred and ten bighas only) , RCC 3 (three) storied Administrative Block, separate Science and Arts Buildings, Well equipped library, RCC 2 (two) storied Girls' Hostel within the college campus, College Auditorium with capacity

approximately 500, modern Digital seminar hall, Teachers' conference hall, meeting hall, college canteen with required facilities, two big size play grounds for outdoor games, mini stadium, Botanical garden with large numbers of medicinal plants, Rubber garden comprising three acres of land, Anthropological Museum, separate well furnished Boys' and Girls' common room, Modern sanitary facilities, indoor stadium and swimming pool (under construction), running cool water facilities, considerable number of teak and Sal trees and a 35 KVA generator for uninterrupted power supply.

Human Resources:

Human resource of the institution includes its Governing Body, the statutory body of the college; Principal, the head of the institution; teaching staff, 44 numbers of permanent faculty members and 19 number of temporary faculty member; office staff, 19 numbers of permanent non-teaching staff and 10 number of temporary office staff; laboratory and library staff, security in the gate of the college to restrict the entry of outsiders. Present student strength of the college is two thousand four hundred and seventeen (2417) comprising of students of Science and Arts stream (H.S-1459; UG-958).

Learning Resources:

Learning Resource of the college comprise —

- (a) Modern library with plenty of reference and text book, periodic journals and news papers, separate reading facilities for students and faculty members.
- (b) Central computer laboratory with free internal access for students. Internet facilities are also available in all the departments.
- (c) Language Lab in the Department of English to develop the communicative ability of the students and faculty members. The facility may also be used in research related to comparative language analysis in near future.
- (d) Well equipped Bio Tech-Hub sponsored by DBT, Govt. of India.
- (e) Centralized E- class room consisting computer, LCD over head projector, OHP projector and
- (f) Well equipped GIS laboratory in the Department of Geography.

Weakness:

Following are the some weakness in teaching- learning methods in the institution—

- (a) Insufficient numbers of class rooms and shortage of permanent faculty members in majority of the departments,

- (b) Inadequate research laboratories and facilities for enthusing faculty members
- (c) Insufficient recreation facilities for faculty members
- (d) Incomplete boundary wall throughout the campus
- (e) There is a need to improve facilities to the students both in academic and co-curricular activities.
- (f) Limitation of opening job oriented and skill development courses for the students.
- (g) Lack of campus recruitment facilities

Opportunities:

- (a) To introduce job oriented and skill development, self employed courses and other emerging subjects
- (b) To open Post Graduate classes in some selected departments
- (c) Research and extension activities in the field of local culture natural recourses and its utilization
- (d) Huge scope of plantation
- (e) Opening of commerce stream
- (f) Opening of Pisci culture

Challenges:

- (a) To provide job opportunities to the degree holders
- (b) As the college is situated in an area which is well connected with Guwahati city, so it is somewhat difficult to check the meritorious students from migrating to the city to pursue higher education
- (c) Due to the poor economic back ground of the locality it is difficult to open self- financed job oriented courses
- (d) To provide hostel facilities to all the needy students
- (e) To start research activities for the development of the faculty members with available facilities in collaboration with nearby Universities and research institutes.

Future Plan:

- (a) Development in infrastructure facilities
- (b) Opening of job oriented and self finance programmes
- (c) To start commerce stream
- (d) To start Boys' Hostel
- (e) Stress on research especially in the field of local culture and socio-economic problems of the neighboring local communities.

.....

CRITERION - I

CURRICULAR ASPECTS

1.1 Curriculum Planning and implementation.

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

- To set a hallmark in the field of education and to preserve, create and disseminate, knowledge through teaching, learning, innovation and experimentation, thus clinching new vistas of opportunities for the generations to come so that they may achieve, self-sufficiency and it may impart in them, faithfully and comprehensively, the accumulated conscience of modern human civilization in terms of cultural, scientific and technological experiences, thereby ensuring courage and determination in them to face the changing scenarios of the socio economical situation creating responsible individuals leading a responsible society to contribute to the advancement of the region, the state and the nation as a whole and thus identifying a collaboration with the ever sought desire for knowledge and progress of the human race.

The college had its humble beginning way back in the year 1964, when it started with a handful of students, however in due course of time it gradually developed and blossomed in to a complete institution. Today it can proudly claim as an institute having immense potentiality for excellence.

The objectives of the college are-

- i) To become a leading academic institution in North East India by setting high standard of education in the line of Preservation, Creation and dissemination of knowledge through teaching, learning, research, innovation and experiment.
- ii) To serve as an effective platform for development and social change of the locality.
- iii) To preserve and develop the rich heritage of ethnic, cultural and linguistic diversity of the region.
- iv) To work for the elimination of social evils and prejudice of the locality.
- v) To work hard to expose the latent and inherent resources of this locality for the advance researchers so that the institute can render service for the progress and prosperity of the Nation.

The mission, vision and objectives of the institute are communicate to the students, teachers, staff and other stakeholders of the college by holding public meeting, parent guardian meeting and the students are

make aware about the aims and objectives of the college through the prospectus of the college at the beginning of the every academic year.

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).

- Means for effective implementation of curriculum is a pre requisite for the transaction of the courses in the institute for which the college develops and deploys a specific action plans every year so that the education in the institute become meaningful to the learner and convenient for the teachers to impart education effectively. For this purpose a timetable covering all subjects is prepared and lay stress upon timely completion of the courses allotted to the faculty members.
 - To assess the imparted knowledge of the courses, regular feedback from students is sought.
 - Besides the regular classes there is the provision of tutorial and extra classes for the benefit of weaker and slow learners.
 - Students are allowed to browse free Internet for academic purpose in the network resource centre.
 - Open access library facility is offered to the students.
 - Apart from these initiatives, seminar, workshop, popular talk, exhibition, lecturers etc are organized by departments and college as a whole on academic aspects of the curriculum from time to time.
 - Faculty members of the college prepare their teaching plans in the beginning of the academic session.

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

- For effective translation of curriculum and improvement of the teaching practice, the teaching faculty of the college receives support from both University and Institution from time to time.

The college imparts education as per the syllabus prescribed by Gauhati University. The curriculum and all academic programmes are designed and controlled by the University to face the challenges of real life by the students. The University provides curriculum and syllabus of different subjects to the college and the college follows the norms and rules prescribed by the University.

1. The college encourages participating the faculty members in different CAS organized by University through UGC-Academic Staff College.
2. Provide moral and financial support to the different faculty to organizes Seminar, symposium workshop etc in the department.
3. Provides books, journals, and necessary teaching aids to the departments.

4. Recreational facility to the teacher.

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 College ensures the effective delivery and transaction of curriculum through the following measures-
 - i) The teacher takes their allotted classes' timely completion of both theory and practical classes as per the curriculum.
 - ii) Continuous evaluation i.e. Sessional test, Pre final examination test, Unit test etc are example for the effective implementation of curriculum.
 - iii) Seminars, workshop, popular talk, Debate, Field Study etc are arranged to meet the expectation of the students.
 - iv) The college arranges remedial classes, special classes, tutorial classes, free coaching classes for weaker and slow learners.

1.1.5 How does the institution network and interact with beneficiaries such as industry research bodies and the University in effective operationalization of the curriculum.

- The college regularly works in tandem with organization like UGC, DBT, DST, BRNS and ASTEC etc. to effectively implement the curriculum. The Governing Body of the college has an academic advisor nominated by Gauhati University to look after all academic matters. Besides, we invite expert from the University to get advises regarding the implementation of curriculum.

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 feed back, teacher feed back, stakeholders feedback provided , specific suggestion.

- The University Solicits Suggestion from the institutions at the time of framing of new curriculum. In this regards, Mr. B. C. Goswami, HOD, Department of Anthropology, Dr. D. Sarma and Dr. N. J. Das, Department of Mathematics are invited to participate in the process. In this respect, feed back from students and teachers are collected.

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.

- The college has developed curricula of two career oriented programmes i.e. Mushroom cultivation and technology and Montessori

Method of teaching and submitted to the Gauhati University for necessary approval.

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

- The Internal Quality Assurance Cell of the college analyzes the stated objectives of the curriculum of Gauhati University and ensures that the same are implemented.

1.2 Academic flexibility

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

- The goals and objectives of certificate and skill development course offered by the college are-
 - To increase the employability of the student and trainee.
 - To build up the self confidence of the student in the employment market.
 - To develop soft skills of the students.
 - To encourage the student to contribute to the socio economic development of the locality through self employment.

Courses offered by the college are mentioned below-

Table 1 (a): Career oriented course sponsored by the college and UGC

Career oriented course sponsored by the college and UGC				
Course Duration		Course Name		Base Department
Three Month Certificate Course		Computer Basics		CNC
Six month certificate Course		Montessori Method		Education
Six Month Certificate Course		Mushroom Cultivation		Botany English
One Month Certificate Course		Spoken English		

1.2.2 Does the institution offer programmes that facilitate twining/ dual degree? If “yes”, give details.

- No, this college does not offer programme that facilitate twining/ dual degree.

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

skill development, academic mobility, progression to higher studies and improved potential for employability.

- Range of Core/ Elective options offered by the University and those offered by the college

Table 1 (b): Core Subject offered by the University

Core options offered by the University and those opted by the college			
Arts		Science	
Offered by the University	Opted by the College	Offered by the University	Opted by the College
English	English	English	English
Assamese(MI L)	Assamese(MI L)	Assamese(MI L)	Assamese(MI L)
Alt English	Alt English	Alt English	Alt English
Anthropology	Anthropology	Anthropology	Anthropology
Education	Education	Physics	Physics
Economics	Economics	Chemistry	Chemistry
History	History	Math	Math
Political Science	Political Science	Botany	Botany
Geography	Geography	Geography	Geography
Bodo	Bodo		
Environmental Studies	Environmental Studies		

Table 1 (c): Elective Subject offered by the University

Elective options offered by the University and those opted by the college			
Arts		Science	
Offered by the University	Opted by the College	Offered by the University	Opted by the College
Alt Assamese	Alt Assamese		
Alt English	Alt English	Alt English	Alt English
Anthropology	Anthropology	Anthropology	Anthropology
Education	Education	Physics	Physics
Economics	Economics	Chemistry	Chemistry
History	History	Math	Math
Political Science	Political Science	Botany	Botany
Geography	Geography	Geography	Geography
Bodo	Bodo		

The college offers the following courses

B.A /B Sc.

i) English

ii) M.I.L. (Assamese/Bodo/Alternative English)

Table 1 (d) Core Subject offered (English/MIL) by University

Core options offered by the University and those opted by the college			
Arts		Science	
Offered by the University	Opted by the College	Offered by the University	Opted by the College
Alt Assamese	Alt Assamese	Alt Assamese	Alt Assamese
Alt English	Alt English	Alt English	Alt English
Assamese	Assamese	Assamese	Assamese
Bodo	Bodo	Bodo	Bodo
Elective options offered by the University and those opted by the college			
Arts		Science	
Offered by the University	Opted by the College	Offered by the University	Opted by the College
Economics	Economics	Physics	Physics
Education	Education	Chemistry	Chemistry
Political Science	Political Science	Mathematics	Mathematics
Mathematics	Mathematics	Biology	Biology
History	History	Anthropology	Anthropology
Anthropology	Anthropology	Geography	Geography
Geography	Geography		
Advance Mathematics	Advance Mathematics		

- Choice Based credit system and range of subject options
 - J.N. College, Boko maintains a credit and grading system designed and developed by the Gauhati University. The range of subjects' option is as mentioned above in the table.
- Course offered in modular form.

➤ J.N. College, Boko does not offer any course in modular form.

○ Credit transfer and accumulation facility.

➤ None.

○ Lateral and Vertical mobility within and across programmes and courses.

➤ Limited to certain extent.

○ Enrichment courses.

➤ None

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.

- Yes. The college has been conducting the following self finance computer courses

Table 1 (e): Self Financed Courses in Computer

Sl. No.	Courses	Duration	Total Fees in Rs.
1	TALLY	Two months	1200/-
2	DTP	Three months	1050/-
3	DCA	Three/Six months	1050/- & 2100/-
4	Networking	One month	1000/-
5	C-Programming	Two months	1000/-

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

- The college provides one month skill oriented programme in Spoken English. The faculty members of the Department of English are running the course and the students are the beneficiaries.

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 course/combination of their choice? If 'yes', how does the institution take advantage of such provision for the benefit of students?

- No the University does not provide any flexibility of combining the conventional face to face and distance mode of education for students to choose the course / combination of their choice.

1.3 Curriculum Enrichment.

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

- The college has been making earnest efforts to reflect the objectives and goals of the college through the adopted curriculum of the affiliating university. To ensure the best performance of the students in their career, a numbers of supplementary wings have been developed in the college, so that student can learn more about moral and ethical values of life and their responsibility to their respective society. Such wings of the college are NSS, Scout and Guide, Women Cell, Tribal Study centre, Science Forum, Information and carrier guidance cell etc. These fraternities of the college have been continuously guiding the students in extracurricular activities. The Information and carrier guidance cell has been introducing various career options to the student by organizing different programmes at different times. Remedial classes are also arranged for the slow learners so that they are not lagging behind in the learning process.

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 the needs of the dynamic employment market?

- Since the college is an affiliated institution of Gauhati University therefore the college does not any option to modify the curriculum. However, considering the experiences of students and to the dynamic employment market, we place our suggestion obtained from our feedback system to the concerned body of Gauhati University so that the suggestion can be reflected in the revision process of the curriculum. Beyond these, the college organizes field study, departmental seminar, symposia and workshop on the topic of the syllabus so that students can acquire a self generated knowledge which helps them in the dynamic employment market.

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

- The above mentioned issues are well reflected in the curriculum. The college is quite sensitive regarding these issues. The Women Cell of the college look into the matter to make students aware about the

issue of gender discrimination. To keep the students aware about the various aspects of human rights and gender issues, seminar, popular talks were organized from time to time. Integration of issues relating to Climate and Environment changes, the college observe world Environment Day every year in collaboration with local NGO's. The college has also provided Computer with Internet facility to every department.

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

- The college various enrichment programmes to ensure holistic development of the students.
 - Moral and ethical values.
Blood Donation Camp organized by NSS and Yoga Training.
 - Employable and life skills
ICGC Training on entry to the services, Free Football Training Camp organized by IQAC.
 - Better carrier options
Annual Consultancy.
 - Community orientation
Various programmes arrange by Rover/Ranger/NSS/Women Cell/JNCSF.

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

- The IQAC of the college collect the feed back from the students and other stakeholders in a specific format. Te collected feed are analyze and intimated to Gauhati University through the academic adviser of G.U., Principals' Council and our teachers' Representative of G.U. syllabus committee.

1.3.6 How thus the institution monitors and evaluates the quality of its enrichment programme.

- The respective coordinator of the various unit and committees monitor the enrichment programmes and ensures their quality.

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 feedback received from academic peers and other stakeholders are processed by the monitoring and evaluation committee of the college and the inferences drawn from the analysis routed to the curriculum design and development committee of GU for enrichment of the curriculum.

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?

- Yes, The Monitoring and Evaluation Committee, headed by Principal along with five members from teaching faculties, two from non teaching staff and General Secretary of the student Union takes the feedback from different stakeholders and analyzed the inputs properly. The outcome of the feedback shared with the IQAC and in consultation with it. Proper measures are adopted for continuous development of the teaching and learning processes. The monitoring and evaluation committee routes the outcome of the feedback to different SSC of the GU for curriculum enrichment and introducing changes.

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?

- The K.K. Handique State Open University Study Centre of the college offers various courses in the year 2008. The courses/ programmes offered under this study centre are B.A., B.C.A., B.B.A., B.M.C., B.P.P. and M.A. Any other relevant information regarding curricular aspects which the college would like to include.

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?

- The college ensures the publicity and transparency in the Admission process by different methods. Admission notice is published in the Notice Board of the college immediately after H.S and CBSE result. Notification is also displayed in the Public places. Process of admission and various important dates relating to admission are also uploaded in the college website which is accessible to all. After receiving the application form the merit list is prepared by the respective admission committee as per Central Government norms and displayed in the College Notice Boards. Besides these the College Prospectus provides all relevant information about the Admission Process.

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.

- Students' are admitted as per the merit list prepared by the Admission Committee. For admission to the major Courses, the respective departments conduct screening test/interview.

2.1.3. Give the Maximum and Minimum percentage of Marks 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.

- Regarding admission in the under graduate courses there is no limit of maximum and minimum marks in any programme at entry level but cutoff marks differs every year as per merit list. The minimum cutoff percentage for the major subjects is 45% and it may vary from year to year.

A comparison of cutoff mark with other colleges of the District (Neighboring colleges) are furnished below.

Table 2(a): Information of Neighboring colleges

Name of College with stream	Location & distance from this college.	% of Marks	
		General	Major
B.P. Chaliha College (Arts & Science)	Nagarbers. 35 KM	30%	40%
Chaygaon College(Arts & Commerce)	Chaygaon 20 KM	30%	40%
D.K.College(Arts & Science)	Mirza 40 KM	30%	40%

D.K.Girls College(Arts)	Mirza 40 KM	30%	40%
Sontali College (Arts)	Sontali 45 KM	30%	40%
Chamaria Anchalik College(Arts)	Chamaria 20 KM	30%	40%
F.A Ahmed College(Arts)	Garaimari 40 KM	30%	40%

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

- Yes. The institution review the admission process and student profile annually by IQAC and Admission Committee, and frame necessary rules to make the system more scientific, less time consuming and above all more transparent. Earlier the admission process was performed manually without any prior notice to the selected candidates whereas computerized admission process is in practice at present with prior notice to the selected candidate for admission. Counseling and screening test for admission in major courses are also introduced with the revision of the admission process. The major outcome of the review of the admission process and admission profile really contributed to the improvement of the admission process.

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

*SC/ST

*OBC

*Women

*Differently abled

*Economically Weaker

*Minority Community

*Any other

- In the process of admission, the admission committee always adhere to the prescribed norms of reservation to the SC,ST, OBC, Women, Differently abled, Economically weaker sections, Minority community etc. in order to increase the student from the above categories.

Table 2 (b) : Category wise break -up of students for the Session 2011-12

Sl. No.	Category	No of Students during 2011-12 session
1	SC	39
2	ST	311
3	OBC/MOBC	118
4	Women	385
5	Differently abled	01

6	Economically Weaker	452
7	Minority Community	123

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

•

Table 2(c): Programme wise student enrolment

Programmes	No of Applications				No. of students Admitted			
U.G	2009	2010	2011	2012	2009	2010	2011	2012
B.A (1 st Year Sem I &II)	311	329	417	380	298	294	394	368
B.Sc (1 st Year Sem I &II)	15	39	43	45	9	34	33	43
P.G	-	-	-	-	-	-	-	-
M.Phil	-	-	-	-	-	-	-	-
Ph.D	-	-	-	-	-	-	-	-
Integrated PG	-	-	-	-	-	-	-	-
Ph.D	-	-	-	-	-	-	-	-
Value added	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-
Certificate	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-
Diploma	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
PG Diploma	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-
Any other	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-

It is observed that the admission to Science stream is very low according to availability of seat. In order to increase the number of students in Science various outreach programme is being conducted to attract the students.

2.2. Catering to diverse needs of students

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

- The College adheres to the Government policies for differently abled students in terms of reservation and financial assistance.

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

- There is no such provision of assessment of students' need in terms of knowledge and skills before the commencement of the programme since most of the programmes are designed by the affiliating University.

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 Course, etc)

- To minimize the knowledge gap among the enrolled students, the college conducts remedial classes, Extra theory and practical classes. Personal counseling is provided by the faculty members of the concerned departments. Unit test are conducted after completion of every two month on the syllabus covered and their timely evaluation are strictly practiced for the better understanding of the students about their course of studies. Through this process slow learners are detected and coaching is given to them by organizing remedial classes.

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

- To sensitize its staff and students on issues such as gender, inclusion, environment the college has established different cells or committees. On issues related to gender the college has established Women Cell. This particular cell conducts various programmes from time to time to create awareness to issues related to women and gender. As per the directives of UGC the college has established a Grievance Committee against Sexual Harassment. Furthermore the Grievance Redressal cell works as an umbrella unit for any grievances. The college maintains all the Government norms in terms of Quota, scholarships regarding inclusion. The college has an Eco-Club which holds awareness programmes regarding environmental issues. Annually an eco audit is conducted by the department of Botany. Environmental Science is a compulsory subject in UG courses. The college conducts field visit and students are asked to prepare project on environmental issues. There are other cells like Anti-Ragging Committee, NSS, Rover -Ranger group, Science Forum which organize various sensitization programmes on social, economical and political issues.

2.2.5. How does the institution identifies and responds to special educational/ learning needs of advanced learners?

- Advance and slow learners are identified by organizing periodical and unit tests and accordingly different steps are taken for further up gradation of advanced learners as well as of the slow learners. Advance learners are provided with reference books and reading materials from by the faculty members and they are encouraged to address departmental seminar on class topics. Slow learners are provided with additional classes, remedial classes, and consultancy.

2.2.6. How does the institution collect, analyze and use the data and information on the academic performance (through the programme duration) of the student at risk of drop out (Students from disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc)

- Through the programme duration students are subjected to appear Unit test, periodical test, pre final test and evaluation of these test are done on timely basis. Records of probable drop out students are collected by the academic cell of the college and they are advised accordingly to do well in the final examination. Necessary counseling and remedial classes are also arranged for such students. Students from economically weaker sections of the society such as SC,ST, and OBC are encourage with ITDP scholarship, library books ,fees relaxation to check the risk of drop out.

2.3. Teaching Learning Process

2.3.1 How does the college plan and organize the teaching learning and evaluation schedules?

- For effective and smooth running of the teaching learning and evaluation schedule, the college has a well defined academic calendar prescribed by the affiliating university which is followed strictly in class management of the college. Each faculty member of the college has to submit annual teaching plan and accordingly they have to prepare monthly progress report. Evaluation of the students is done through different means like periodical test, Unit test, departmental seminar and regularity in classes. Further at the end of the semester students examination scripts are centrally evaluated by the final exam conducting authority. The faculty members of the college are involved directly at different stages of evaluation process like examination at the college centre, in the capacity as Invigilator, Scrutinizer, External examiner in practical examinations, supervisor at other college centre etc.

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

- IQAC of the college has been playing a pivotal role integrating all the components involved in the teaching learning process. Since its inception in 2006, IQAC of the college has been exerting its efforts towards the improvement of quality and achieving excellence. Collecting information about the loopholes and drawbacks in teaching and learning process in the college, it formulates strategies to minimize the issues and forward necessary suggestions to the authority of the college and played vital role in the execution of the strategies. The

IQAC of the college mainly pay heed on the following aspects towards the improvement of quality and achieving excellence.

1. Clarity and transparency in the admission process
2. Timely submission of teaching plan by the faculty members.
3. Timely submission of monthly progress reports
4. Regularity in the commencement of examinations, evaluation and announcement of result.
5. Discussion on the outcome of feedback and adoption of necessary measures on different issues as well as execution
6. Monitoring different aspects of the students' support system
7. Allocation of fund for each department to purchase new books and other articles.
8. Provision of computer in each department with internet facility.
9. Monitoring the development of Skills and co-curricular activities of both the teachers, supporting staff and the students.

Some of the important achievements of the IQAC in the last few years are

1. Setting up of the Language lab
2. Construction of a e-class room/ Digital seminar hall.
3. Arrangement of uninterrupted power supply
4. Extension of computer and internet facility to the department
5. Construction of New classrooms.

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 student?

- It is an obligation to the college authority to impart student-centric learning and the authority emphasize on it to the level best. To make the teaching learning process more meaning full and teachers are encouraged to participate in different seminars, symposia, training, and faculty improvement programme. The college tries its best t provides audio-visual and other aids to the teachers to make the learning more interactive and student centered. The teachers are encouraged to involve themselves in active research. During the last few years 12 no. of teachers have been awarded PhD degree by different universities. The experiences gathered during research have helped the teachers to make the teaching more student centered. Computer with internet facilities in each department open has been provided for the teachers. An E-Class room has recently installed in the college. A formal understanding have been signed with Chhaygaon College for student and faculty exchange programme so that our teacher and student can compare themselves and can get encouragement for further development.

- 2.3.4. How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them in to life- long learners and innovators?
- Critical thinking, creativity, and scientific temperament among the students are always encouraged and adorn by the college authority. Students get regular exposure to new ideas through seminars and work-shops. Home assignments are given to the students to develop critical thinking. Students are encouraged to participate in various scientific and other exhibitions to develop unique ideas. The units like Mathematics Study Circle, literary forums, Science forum, History Society etc. work after developing aptitudes of the students so that they can transform themselves into life long learners.
- 2.3.5. What are the technologies and facilities available and used by the faculty for effective teaching? e.g. : Virtual laboratories, e-learning-resource 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 teaching of the college is still dominated by traditional lecture method. Almost 60% of the teaching is imenparted by lecture method assisted by board, chalk, models, maps, charts etc. General practical classes are conducted in the departmental well equipped laboratories. In some departments power point presentation is also in practice for the effective teaching of the students. However in the recent past the college has established a Bio- Tech Hub for the students of life Science a GIS lab for the student of Earth science, an automatic weather station for all earth, life and environmental science and a language lab for effective English teaching of the general student. Besides these each department is equipped with computer, printer with internet facilities and the student can have the course and reading materials from the department in both digital and analog form. Recently an E- Classroom has been installed in the college.
- 2.3.6. How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lecturers, seminars, workshop etc.)?
- Students and faculties get exposure to advanced level of learning thrugh:
 1. Popular talk, Local level and National level seminars where experts are invited to the college from different fields
 2. Provision of new books and journals in the library
 3. Journals
 4. Internet facility.
 5. Fellowship exchange programme 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?

- ICGC of the college organizes counseling session for the graduates annually. Besides this for the benefit of student as well as of faculty members the following programmes on professional counseling, mentoring and academic advise were organized and conducted during the last few years. Details are as follows-

Table 2(d): Programmes conducted by different Cells

Sl No	Name of Programme	No of participants	Expert/Guide/ Resource person	Organized by	Date
1	Workshop on Air-hostage as a career	30	Faculty from Horizon Aviation Academy	ICGC	5-5-2009
2	Bamboo craft Seminar cum workshop	75 students	Mr M.T. Naidu, Deputy Director, Ministry of Micro, Small and Medium enterprise, Govt. of India; Dr Ranjit Barman, Sr. Scientist ASTEC; Sri Dharmeswar Rabha, expert of bamboo craft	J N College Science Forum	
3	Entry to the services for SC,ST,OBC,Minority (UGC Sponsored)	50-60	IMS, Ghy	ICGC	Annually for the last three years.
4	Football Training Camp	100	Mr Hem Das, Sec. of AFA	IQAC in collaboration with Boko Sports Association	3 rd July to 13 th July, 2012
5	Entry to defence service		Major Anil Sirohi Sikhli Regiment, Indian Army	IQAC & Indian Army	8 th Aug, 2011
6	Dance workshop Rabha Folk Dance	30	Guru Kushal Rabha	Cultural Unit of JNC Boko	5-12-09 to 15-12-09
7	Dance workshop Bodo Folk Dance	30	Guru Kushal Rabha	Cultural Unit of JNC Boko	8-1-10 to 20-1-10

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 students learning?

- Though traditional lecture method has been occupying a pivotal role in teaching, of-late some new methods are also started in the college in order to make the teaching livelier. Though not entirely, some departments adopted computer aided technology in the teaching. In the departmental seminar power point presentation is prove to be more fruitful. With the financial aid from the UGC more sophisticated equipments have been made available to the departments which are fruitfully utilized in the teaching practice.

In order to encourage the faculty to adopt innovative practice in teaching the authority has made arrangement of a smart class room. To improve the skill of creative writing and spoken English among the students a language laboratory is also setup. In the newly installed Bio-tech hub, provisions for advance practical works are also made available both for students and faculty member.

Field study and report writing on field observation under the guidance of faculty member is also in practice among the students of the college which enable them to observe the various aspects of the society and environment.

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

- The library of the college has been playing a commendable role in the teaching and learning process. Each student is provided with the open access facilities in the library. They are allowed to borrow books for a period of fifteen days and for subsequent necessity they are to renew the issue. Student with major course provided with additional library cards for their particular subject. Besides borrowing of books library reading room facility is also there where student, teacher and supporting staff can avail. The library is equipped with Text books, Reference books, Periodicals, Journals, Newspapers and Magazine along with documentation facility. In addition to the central library every department has their on departmental library which is accessible to the students.

2.3.10 Does the Institution face any challenges in completing curriculum with the plan time frame and calendar? If 'yes', elaborate on the challenges encountered and the Institutional approaches to overcome these.

- The college is located in a rural tribal dominated area. It is well known to all that the agitation launched by different ethnic groups like Rabha, Boro, Garo, Koch, Rajbongshi exerted negative impact on the academic environment of the college. The lost in academic status of the college due to agitations of the aforesaid groups is attempted to compensate by the college taking extra classes which are not sufficient some times.

- Though the college is competing its 50 years of existence by this year but the numbers of teachers in different departments are below the requirement level. Some of the departments are running with much lower number of permanent teachers. Of course the authorities attempted to mitigate the problem by appointing contractual teachers.

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

- For the smooth maintenance of teaching learning process of the college has adopted a number of process to monitor and evaluate the system
 - i) Installation of Bio-matrices machine to ensure the attendance of teacher and supporting staff
 - ii) Provision of submission of teaching plans to the authority
 - iii) Mandatory provision of submission of monthly report of the individual teacher
 - iv) Maintenance of work log book in the department which is monitored by the Head of the Department
 - v) Maintenance of attendance of individual teacher in the department.
 - vi) Taking of student feedback on the performance of individual teacher and of the department
 - vii) Timely supervision of Principal and Vice principal on the proper functioning of the classes

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.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./ D. Litt.	Nil		Nil		Nil		Nil
Ph. D.			05	01	09	01	16
M. Phil.			01	01	04	03	09
PG			07	04	04	04	19
Temporary Teachers							
D.Sc./ D. Litt.	Nil		-				Nil
Ph. D.							
M. Phil.							
PG							
Part-time Teachers							
D.Sc./ D. Litt.	Nil		Nil				Nil
Ph. D.							
M. Phil.							
PG	Nil		Nil		09	10	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 (Bio-technology, IT, Bio-informatics etc)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- The college has limitation regarding opening new programmes and courses as it is controlled by DHE regarding opening new full-time courses and appointing new teachers. But the related departments are encouraged to open courses on emerging areas. Department of Botany has established a Bio-Tech Hub for advance study in the field. In the field of IT, the college has established a computer network centre. The college has a plan to develop it in the near future as a full fledged department.

2.4.3. Provide 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
Refresher courses	26
HRD programmes(STC)	12
Orientation programmes	04
Staff training conducted by the University	02
Staff training conducted by other institution	02
Summer/Winter schools, workshops, etc.	22

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

- ❖ Teaching learning methods/ approaches
 - a. The IQAC organizes brain storming session among teachers to make teaching learning process more students centric and fruitful time to time.
 - b. A Short Term Training Programme on Biological Instrumentation was arranged by Bio-Tech Hub from 30-6-2011 to 2-7-11.
- ❖ Handling new curriculum

Whenever new curriculum is introduced experts from GU are invited to explain and elaborate on it. For example when semester system was introduced the deputy controller from GU was invited to throw light on it.
- ❖ Content/knowledge management

The meetings of the teachers unit and the academic cell hold discussions on content/knowledge management when needed.
- ❖ Selection, development and use of enrichment materials

The academic cell of the college selects, develops materials and ensures the use of enrichment materials.
- ❖ Assessment

The academic cell of the college holds annual meet to assess various issues related to academic issues.

- ❖ Crosscutting Issues
The IQAC and academic cell of the college deals with various crosscutting issues.
- ❖ Audiovisual aids/ multimedia
The college provides audiovisual aids like LCD projector to the faculty. A well equipped E- Class has been installed recently.
- ❖ OER's
Nil

c) Percentage of faculty

- * Invited as resource persons in workshops/Seminars/Conferences organized by external professional agencies.
 - 30% faculty members are invited as Resource Person.
- *participated in external workshops/Seminars/Conferences organized by National/international professional bodies.
 - 85% faculty members participated.
- *Presented papers in workshops/ Seminars/Conferences conducted or recognized by National/international professional agencies.
 - 50% faculty members presented their Research papers in workshops, Seminars and Conferences sponsored by various agencies.

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

- The authority of the college always extend support to the faculty members by granting necessary leave for conducting research work under minor and major research project of UGC and other research organization. Teachers are also encouraged to publish their research findings in both National and International referred journals.

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.

- Till date no awards/ recognition have been received by the faculty at state, National or International level.

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

- Yes, the college has the practice of taking feedback from the students on both the teacher and course curriculum. The randomly taken feedbacks are collected and evaluated by the IQAC and the results are discussed in the meeting to take appropriate measures in this regards. Regarding evaluation by external peers, the college is visited by both

State Governmental Officials as well as College Development Authority of Gauhati University from time to time.

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?

- The academic programme of the college follows a curriculum designed by GU. Led by the academic cell various departments make the evaluation process transparent.

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

- Since July, 2011 GU has introduced semester system of evaluation. The college has been following the new format accordingly. The following changes has been made in the process of evaluation:
 - a. Internal evaluation of 20% marks for each paper, which includes the class unit test, home assignment, seminar, class attendance.
 - b. External evaluation of 80% marks by the University at the end of semester examination on both theory and practical.
 - c. Announcement of result by grade point average (CGPA) system of Gauhati University (GU).
 - d. Clearance of all the six semester within 5 years is a mandatory. Since the college is affiliated to GU, therefore does not pose the liberty to change, or modify the existing curriculum.

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?

- It is mandatory on the part of the affiliated colleges to abide by the course curriculum, examination system and evaluation designed by GU. The Academic Cell of the college ensures proper implementation of evaluation reforms. At the introduction of the new reforms, the college organized a seminar on the Introduction of Semester system where expert from GU was invited. A number of colleges were also invited to the seminar. All the pros and cons of the newly introduced system were discussed and made understand to all the faculty members.

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

- To measure the student's achievements the following parameters are taken: Sessional test, Unit test, periodical class test, departmental assignment, laboratory experiment, home work, project submission and report writing etc. These formative evaluation processes have positively impacted the final summative examinations.

2.5.5. Enumerate how the institution monitors and communicates the progress and performance of students through the duration of course/ programme? Provide an analysis of the student's results/ achievements (Programme Course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/ courses offered.

- The Academic Cell monitors and communicates the evaluation process to the students. The Examination Committee under it holds various examinations like Sessional test and ensures that every department holds their unit tests. The results are conveyed to the students and the examined answer scripts are returned to the students with recommendations from the examiners.
- The Final Exam results of different courses under Gauhati University are as follows-

Table 2 (e): Final Exam results of different courses under Gauhati University.

Year	Class	Total Student	Students Appeared	Total Pass	Pass Percentage	University Percentage
Arts Stream						
2008-09	B.A-I	283	280	123	43.4%	41.89%
	BA –II	100	82	53	64.5%	58.41%
	BA-III	47	47	40	85%	65%
2009-10	B.A-I	368	368	137	37.2%	46.28%
	BA –II	170	170	107	63%	61.86%
	BA-III	62	62	40	64.45%	62.38%
2010-11	BA. Sem.-I	394	363	180	49.7%	52.20%
	B.A-I	294	290	170	59%	52.20%
	BA –II	173	173	133	77%	56.27%
	BA-III	127	127	100	78%	74.33%
2011-12	B.A. Sem.-I	394	339	250	73.74%	48.79%
	B.A. Sem.-II	325	321	229	71.33%	71.02%
	B.A .Sem.III	310	305	241	79.01%	69.48%
	B.A-I(old)	81	81	35	43%	54.19
	BA –II	209	206	99	42%	72.79%
	BA-III	170	166	129	77%	72.79%
Science Stream						
2008-09	B Sc I	34	32	15	46.8%	46.80%
	B Sc-II	13	13	07	53.8%	70.22%
	B Sc-III	04	04	04	100%	77.18%
2009-10	B Sc- I	19	19	09	47%	57.79%
	B Sc-II	18	18	07	41%	79.85%
	B Sc-III	12	12	09	75%	76.79%
2010-11	B Sc I	34	27	08	29%	57.79%
	B Sc-II	05	05	05	100%	67.34%
	B Sc III	07	07	06	85%	76.31%
	B Sc Sem.-I	34	34	24	70.5%	82.35%
2011-12	B Sc I	10	12	07	58%	42.74%
	B Sc II	16	12	10	83%	52.02%
	B Sc III	17	10	09	90%	83.88%
	B Sc. Sem. I	34	33	16	48.4%	41.36%
	B Sc. Sem. II	33	31	23	74.19%	66.24%

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

- The introduction of semester system in the year 2011 has significantly changed the internal assessment system. Then internal assessment system has become more rigorous and transparent. The home assignments given to students have encouraged independent learning of the part of the students. Significant weightage is given to behavioral aspects and communication skill. Still the college has not been able to develop a mechanism to measure weightage assigned for over-all development of the students.

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.

- Yes, the assessment/evaluation of students' performance is taken in to active consideration for evaluating students' performance, achievement of learning objectives and future planning for excelling in good academic environment. Answer given in the Unit Tests, Sessional tests and Pre final tests and marks obtained by individual student indicate their capacity of adaptation to courses. On the basis of their performance, the teachers and the college authority also take necessary steps for achieving learning objectives. For example the former rigid rules in library utilization are made simple in the year 2008 and the same has been made accessible to all the students and teachers.

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

- In redressing grievance of students at college level with reference to evaluation process, the concerned teacher or the department takes immediate steps so that no student become dissatisfied with the process. It is worth mentioning that we have provision to return their answer scripts so that they can understand their mistakes and can rectify the same. There is provision and specific format for reevaluation at the university level in the final examinations. Besides this there is a provision to obtain photo copy of the answer scripts from the university under RTI Act 2005

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 Academic Cell of the college tries to gauge the learning out comes of the students based upon the performances of the students in the formative and summative examinations.

- 2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?
- The teaching, learning and assessment are structured in such a fashion that intended learning outcome is achieved. Regular assessment is done through unit tests and Sessional tests. Also the syllabus is unitized and teachers are asked to propose annual teaching plan and has to submit monthly progress reports. Remedial classes are taken for the weaker section of the students.
- 2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality job, entrepreneurship, innovation, research aptitude) of the course offered?
- The college offers courses designed by GU. The university tries to include topics in the courses to make it socially and economically relevant. The IQAC and ICGC of the college organize workshops and seminars to develop entrepreneurial skill among students. Counseling is provided to the students about various career prospects in different courses. Units like ICGC, Science Forum, and Bio-Tech Hub etc. organize programmes to develop research aptitude.
- 2.6.4 How does the institution collect and analysis data on student learning outcomes and use it for planning and overcoming barriers of learning?
- The Academic Cell collects data from various departments about learning outcomes. And in consultation with IQAC chalks out plan to overcome barriers of learning.
- 2.6.5 How does the institution monitor and ensure the achievement of learning out comes?
- The Academic Cell monitors and ensures the achievement of learning out comes.
- 2.6.6. What are the Graduate attributes specified by the college /affiliating university? How does the college ensure the attainment of these by the students?
- The motto of the college is taken from Bishnupuran: *Sa Vidya Ya Vimuktaye* which means true education is that which liberates. Thus the college wishes to inculcate in the students freedom from fear in consistency, uncertainty, biasness, prejudices, superstitions etc. so that they can contributes to the society and nation as a whole as a responsible and efficient citizens. The institution with the helps of various units tries to ensure the attainments of these attributes.

Criterion III

Research, Consultancy and Extension

3.1 Promotion of Research

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

- Department of Mathematics and Assamese have got recognition for research leading to Ph.D. Degree under Gauhati 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.

- There is no any provision for research committee as the college is affiliated under Gauhati University.

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

- To carry out the research project as per design and direction the authority of the college provides necessary arrangement to the investigator in terms of accommodation, release of funds and insisted upon the timely completion of the project. The college authority also emphasized on the publication of the research findings in reputed journals and other publications.

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

- The college is permitted only to carry out under graduate classes and according to syllabus there was no any provision to go for research activities by the students. However minor syllabus based practical activities and drawing of inferences is taught in the departmental laboratories. Different methods of scientific observation like inductive logic, deductive logic etc is taught in the field surveying so that in higher studies the student can apply those methods in pursuing research activities. Presentation of seminar paper by the student on some local issues also boosts up the scientific temper and research culture among the students.

Oblate in the recent syllabus of under graduate course a research based project is in corporate in major course particularly for the students of sixth semester and the departments are preparing for inculcating research culture among the student.

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.)

- The details of faculty involved in active research are shown in the following table-

Table 3 (a) : Faculty involved in Active Research

(A) Guiding Students for Ph. D./M. Phil.			
Name of Faculty member	Nature of the Project	Field	University/ Agency
Dr. Alok Das	Guiding students for Ph.D.	Fluid Mechanics	GU
Dr. Lalit Ch. Rabha	Guiding students for Ph.D.	Assamese	GU
Dr. Praneswar Nath	Guiding students for M. Phil	Political Science	V. M. University
(B) Major Research Project			
Dr. Ranjit Baishya.	Major Research Project	Theoretical High Energy Physics	DAE-BRNS
Dr. Tapan Kr. Deka	Major Research Project	Fishery	UGC
	Major Research Project	Microbiology	DBT
	Major Research Project	Wildlife	ICSSR
Dr. Rekha Chetry.	Major Research Project	Wildlife	ICSSR
Dr. Tapan Dutta.	Research Project	Medicinal Plant	ASTEC
	Major Research Project	Wetland Ecology	UGC
(C) Minor Research Project			
Dr. Ranjit Baishya	Minor Research Project	Theoretical High Energy Physics	UGC
Dr. Susanta Kr. Bhuyan	Minor Research Project	Pharmacology of Medicinal Plant and Biodiversity.	UGC
Dr. Rekha Chetry	Minor Research Project	Wildlife	UGC
Mr. Abani Kr. Das	Minor Research Project	Forest Ecosystem	UGC
Dr. Praneswar Nath	Minor Research Project	Voting Behavior	UGC
Dr. Kamaleswar Thakuria	Minor Research Project	Literature and Culture	UGC
Dr. Habibur Rahman	Minor Research Project	Biodiversity, Ethnobotany.	UGC
Dr. J. P. S. Baruah	Minor Research Project	Water analysis	UGC
Dr. Apurba Kr. Goswami	Minor Research Project	Algal Chemistry	UGC
Mrs. Ratnamala Sarma	Minor Research Project	Gender Studies	UGC
Dr. Alok Das	Minor Research Project	Non-Newtonian Fluids	UGC
Dr. Dipankar Sarma	Minor Research Project	Algebra	UGC
Dr. Nabajyoti Das	Minor Research Project	Dynamical System	UGC
Dr. Lalit Ch. Rabha	Minor Research Project	Literature	CIIL, Mysore

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

- In order to cultivate and accelerate the research culture among the faculty member, the college has been organizing seminars, workshops and other sensitizing programmes on different topics at an sporadic interval. Both teachers and student of the college could acquire new knowledge on different aspects and induced to pursue research culture among themselves. The following table shows the details of such organised programme in the college from the period of last NAAC visit-

Table 3 (b): Details of Workshops/ Training programmes/Sensitization programmes etc.

Year	Name of the Programme (Workshop/Training/Sensitization programme)	Organizing Department/ Body	Sponsored by
2007	Seminar on “Future Industrial prospects of Bamboo”, Mr. N. T. Naidu, Dy. Director, Ministry of Micro, Small & Medium Enterprises, Govt. of India and Dr. Ranjit Barman, Sr. Scientist, ASTEC.	J.N. College Science Forum	ASTEC
2008	Popular Talks on “Discovery of New Particle” delivered by Prof. Dilip Kr. Chowdhury, Renowned Scientist of Gauhati University.	J.N. College Science Forum	Self
2008	UGC Sponsored National Seminar on “Wetland and Livelihood”	College	UGC
2008	National Children Science Congress	J.N. College Science Forum	ASTEC
2011	Popular Talk on “Conservation Biology in the 21 st Century: Global Partnership in Research, Training and Outreach” delivered by Prof. Randall C. Kyes of University of Washington USA	Zoology	College
2011	Lecture on “Japanese Nature, Society and Disaster” delivered by Prof. Haruhisa Asada of Kyoto University, Japan	Geography	College
2011	“Traditional household practices among the women folk of Boko Area”.	Tribal Study Centre	College
2011	Short Term Training on Biological Instrumentation”	Biotech Hub	DBT
2011	Workshop on “Capacity Building of Science Teachers’ at Secondary Level.”		
2012	National Seminar on Literature, Culture and Philosophy of Sankardeva on 30 th November, 2011.	Department of Assamese	Self

3.1.7 Provide details of prioritized research areas and the expenditure available with the institution?

- The institute is not a research body as such no such provision of priority research is in practice. However some of the faculty members of the college pursue both major and minor research projects funded by different organization. So far the college has 15 no of faculty from both Science and Humanities background who pursued their research in different fields and has been carrying out major and minor research projects.

3.1.8. Enumerate the efforts of the institution in attending researchers of eminence to visit the campus and interact with teachers and student.

- In spite of limited facilities the college ventured to organized lecture programmes inviting eminent Professor, researchers and academic activists from different organization during the last few years.

Details of such programmes are mentioned below-

Table 3 (c) : Eminent Professor, Researchers and Academicians visit.

Date	Programme	Resource Person	From University/Organization
09.02.2011	Popular Talk on “Conservation Biology in the 21 st Century: Global Partnership in Research, Training and Outreach”	Prof. Randall C. Kyes	University of Washington USA
08.12.2011	Lecture on “Japanese Nature, Society and Disaster”	Prof. Haruhisa Asada	Kyoto University, Japan
30.11.2011	National Seminar on Literature, Culture and Philosophy of Sankardeva	Prof. Kishori Mohan Pathak.	Former Vice-Chancellor, Central University, Tezpur.
17.06.2012	Interactive Session with staff members	Prof. Madhukar	NAAC

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

- The number of teachers availed Sabbatical Leave for research is very few. Most of the teachers prefer to go for research on lien leave. Of course one teacher has gone for research on Sabbatical Leave under UGC CAS scheme.

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 or elsewhere to students and community (lab to land)

- In spite of limited resource the college has organized several programmes towards the creation of awareness /advocating /transfer of findings of research.
- The College authority encourages the faculty members to participate in various Seminars, Workshops and Conferences etc. thereby contributing to the welfare of the students and community through disseminating their knowledge.
- The Bio –Tech Hub of the College conducted a short term training Programme on Biological Instrumentation for the faculty members including neighboring institution from 30th June to 2nd July, 2011 in order to develop understanding the principles of operations of Advance Biological Instruments.
- The Bio –Tech Hub of the College conducted a Workshop on “Capacity Building of Science Teachers’ at Secondary level” from 27th to 29th September, 2011.
- The faculty members of the college launched several outreach programmes at neighboring institution from time to time.
- For creating awareness of scientific temperament among the students, field visit including Advance Laboratories were conducted.
- Research papers of some faculty members were published in several National and International Referred Journals.

3.2. Resource Mobilization for Research:

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

- Since the college is not a research organization therefore there is no any provision of financial allocation towards the research related activities.
- Of course the college authority provides a nominal financial assistance to each department for seminar and research related activities.

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?

- Does not arise.

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

- Though the institute does not have provision for financial assistance for student research project but the authority provides financial assistance for conducting field study for major course students where field report is necessary and also for environmental studies

3.2.4. How does the various departments/ Units/ Staff of the institution interact in undertaking interdisciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

- Does not arise.

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

- The Bio-Tech Hub with few Advance Instrumentation facilities was established in 2nd May, 2011 and both faculty members & science students avail the facility.
- The instruments procured from Major and the Minor Projects are also accessible for all.
- The departmental laboratories of science departments, departmental libraries, college libraries, Computer and internet facilities are allowed by the principal for optimal use by students, researcher and the faculty members.

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.

- ❖ The Institution received special grants from both UGC and DBT.

Table 3 (d) : Special Grants received from different Agency

Funding Agency	Particulars of Grants	Year	Grants received (Rs)
UGC	Books and Equipments	2007	1,95,000/-
Govt. of Assam	Library Development	2008	4,98,250/-
UGC	Books and Equipments	2009	82,000/-
Govt. of Assam	Book Grants	2010	49,825/-
DBT	Biotech Hub	2010	19,00,000/-
UGC	Additional Grant	2011	22,10,581/-
UGC	Additional Grant	2012	24,79,000/-
DBT	Biotech Hub	2012	10,68,000/-

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

Table 3 (e) : Details of Ongoing and Completed Research Projects

Nature of the Project	Duration Year From To	Title of the Project	Name of the Funding Agency	Total Grant		Total Grant Received till date
				Sanctioned	Received	
Minor Projects						
Dr. Dipankar Sarma.	2006-08	Determination of the Minimum Genus and Genera of Riemann Surfaces with A Class of Metacyclic Group as Group of Automorphism.	UGC	50,000/-	50,000/-	Completed
Dr. Rekha		Man Elephant Conflict : A case study in the Fringe				

Chetry	2008-10	Village of Gibbon Wild Life Sanctuary in Assam, India	UGC	50,000/-	50,000/-	Completed
Dr. Susanta Kumar Bhuyan	2008-10	Effect of <i>Clerodendron colebrookianum</i> Walp Glycoside on Hepatic Lipid Profile and Blood Magnesium level in Mice.	UGC	90,000/-	90,000/-	Completed
Dr. Ranjit Baishya	2008-10	Method of characterizations and solution of GLDAP evolution..... Structure function.	UGC	1,00,000/-	1,00,000/-	Completed
Dr. J. P. Sharma Baruah.	2008-10	Quality assessment of drinking water in the tribal area of Boko, Assam	UGC	75,000/-	75,000/-	Completed
Dr. Alok Das.	2008-10	The study on the flow behavior of Elastico Viscous fluids.	UGC	40,000/-	40,000/-	Completed
Dr. Habibur Rahman	2009- 11	Reassessment and Diversity of Rare and Endangered Rattan Species of Assam	UGC	1,40,000/-	1,40,000/-	Completed
Dr. Tapan Dutta.	2009-11	Ethnobotanical Studies on the Garo Tribes of Assam with Special reference to Wild edible plants.	UGC	1,50,000/-	1,50,000/-	Completed
Mr. Abani Kumar Das	2011-13	Processes of Deforestation and its Environmental Impact in the Foothill Zone of South Kamrup.	UGC	1,25,000/-	1,25,000/-	Completed
Dr. Kamaleswar Thakuria	2011	Ciyagit: Eti Alochana	UGC	50,000/-	50,000/-	Ongoing
Dr. Susanta Kumar Bhuyan	2012	A Study on Habitat Ecology and Diversity of Freshwater Turtle of Chandubi Beel.	UGC	1,00,000/-	-	On going
Major Projects						
Dr. Ranjit Baishya	2007-11	Studies on Hadron Structure Functions by Unique Solution of Evolution Equations	DAE BRNS	6,71,250/-	6,71,250/-	Completed
Dr. Tapan Kr. Deka	2007-11	Conservation of threatened Mahaseer in the Jia Bhorali, Assam.	UGC	7,00,600/-	7,00,600/-	Completed
Dr. Rekha Chetry	2009-12	Assessment of Socioeconomic status of fringe villages around Chakrasila wild life Sanctuary, Assam.	ICSSR	4,28,925/-	4,28,925/-	Completed
Dr. Tapan Kr. Deka	2009-12	Bio – pesticidal controls of red Spider mit (<i>Oligonychus coffeae nitetner</i>) a Major pest of Tea.	DST	17,25,600/-	10,93,100/-	
Inter Disciplinary Projects.	-	-	-	-	-	-
Industry Sponsored	-	-	-	-	-	-

Students' Research Project	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-

3.3 Research Facilities

3.3.1. What are the research facilities available to the students and research Scholars within the Campus?

- ❖ This Institution is not a research organization, yet the Institution has limited research facilities which includes- Bio-Tech Hub, GIS Laboratory, Weather Station, Departmental laboratories, Central Library, Departmental Libraries, Network Resource Centre and Instruments procured from various Research Projects.

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?

- ❖ The Institution has a plan to enhance the instrumentation facility through various Research projects from different agency to meet the needs of researchers.

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.

- ❖ The Institution received special grants from UGC, DBT, DAE and ICSSR. The financial assistance for procuring Instruments from agencies and Research Projects during last four years are given below-

Table 3 (f) : List of Instruments of Biotech Hub with financial assistance from DBT.

Sl. No.	Instruments	Quantity	Agency
1.	Vertical SLABGEL Electrophoresis apparatus , Model: GEL-02-02(ZENITH)	01	DBT
2.	All glass Double Distillation Unit(Quartz Heater) Cat:3362-4.01, cap -4 ltr (BOROSIL)	01	
3.	Analytical Electronic Balance(Min display 0.1mg), BEL's	01	
4.	Vertical Laminar Air Flow Cabinet(work space 3'x2'x2') Model no: LV-22 (MAC)	01	
5.	B.O.D Incubator , Model: LTI-4 (455x410x610 mm), (MAC)	01	
6.	Oven – Hot Air, Stain less steel chamber. Model:EL-02, (MAC)	01	
7.	Autoclave Portable, Model: PASW-20 (MAC)	01	
8.	Centrifuge Machine ,(REMI)	01	
9.	Inverted Trinocular Microscope with Digital Photomicrographic attachment (OLYMPUS)	01	
10.	Magnetic Stirrer, Model: MS-2(SAD), (MAC)	01	
11.	Muffle Furnaces, Delux (ZENITH)	01	
12.	Microprocessor controlled visible Spectrophotometer, Type-166 (SYSTRONIC)	01	
13.	Kjeldahl Distillation and Digestion combined Unit(Unit of 6 tests) Model: 151-C MKOW	01	
14.	Digital P ^H Meter , Model: MK VI(SYSTRONIC)	01	
15.	Hot Plate Round : Model: HPRS- 8 (MAC)	02	

16	Heating Mantle (450 watt) Cap: 2 ltr(JSGW)	02	
17	Sterioscopic Binocular Microscope, Model: MS-TIL with light system(OLYMPUS)	01	
18	Soxhlet Extraction Unit(MKOW)	01	
19	Soil Testing kit(CRAFT)	01	
20	Micro slide cabinet(ZENITH)	01	
21	Fixed Volume Pipettes, 100,200, 1000 UL	03	
22	Thermostate Controlled Waterbath (MAC)	01	
23	Computer (Desktop), HP	02	
24	Printer (Desjet), HP	01	
25	Air Conditioner (1.5 Ton), LG	02	
26	Micro-centrifuge (TARSONS)	01	
27	Submarine gel electrophoresis	01	
28	UV trans-illuminator	02	
29	All clear vacuum dessicator 8 ^{1/2} (TARSONS)	03	
30	Ice bucket (TARSONS)	02	
31	Quick freezer (TARSONS)	01	
32	Aspirator bottle 10 L (TARSONS)	02	
33	Spinix vortex shaker (TARSONS)	02	
34	Pipette accupipete, 0.2-20; 20-200 micro lt. (TARSONS)	01	
35	Refrigerator(Godrej)	01	
36	Vacuum cleaner (UREKA FORBES)	01	
37	Aquaguard (AquaSure, EUREKA FORBES)	01	

Tab 3 (g) : List of Instruments of Physics Department

SI No.	Equipments	Quantity	Agency
1	Cathode Ray Oscilloscope dual trace (30 MHz)	02	UGC
2	Function Generator (0.1 Hz – 1 MHz)	02	
3	Spectrometer – circle 22.5 cm	01	
4	Digital Balance (Sistonix)	01	
5	Diffraction Grating (50X40 mm) Imported	02	
6	Polarimeter	01	
7	Traveling Microscope	01	
8	Newtons Ring Experiment Set	01	
9	Bi-prism Experiment Set	01	
10	Sodium Light Source with Transformer (Imported)	03	
11	Ne, Ar, He, Hydrogen, Mercury etc. Sources	06	
12	Induction Coil (Spark 100mm)	02	
13	DC Regulated power supply (30 Volt) 1 Amp	01	
14	Eliminator (0- 12 volt, 4 amp)	04	
15	G. M. Counter Set	01	
16	Photo Cell Characteristic apparatus	01	
17	Anderson Bridge Set	01	
18	Reading Telescope	02	
19	RF Oscillator (3 – 8 MHz)	02	
20	Capacitance Boxes (4 dial 0.001, 0.01, 0.1, 1)	02	
21	Stefan's Constant apparatus	01	
22	Platinum Resistance Thermometer Set	01	
23	Calendar and Barnes Apparatus	01	
24	Thermocouple Apparatus	01	
25	Linear Expansion Apparatus (Optical Lever)	01	
26	Searl's apparatus for Young Modulus	02	

27	Rigidity Modulus	02	
28	Bar and Kater's Pendulum	02	

Sl.No.	Equipments	Quantity	Agency
1	ELICO-LI 120, Digital pH Meters	1	UGC
2	ELICO-CM 180 Digital Conductivity Meter	1	
3	ELICO- LI 126 Ion analyzer	1	
4	ELICO- 1013 AB Digital M.P.apparatus	1	
5	Melting Point apparatus	2	
6	968/3, Heating Mantle	1	
7	968/4, Heating Mantle	1	
8	989, Hot Plate	1	
9	Rotary Val Evaporator	1	
10	Vacuum Pump	1	
11	PERFIT - 937/08 Chromatography Chamber	1	
	„ - 937/09 „ „	1	
	„ - 937/10 „ „	1	
12	915 Magnetic Stirrer without hot plate	1	
	916, „ „ with hot plate	1	
13	894, Polarimeter with Sodium lamp	1	
14	DAB -220 Digital Balance	1	
15	Rough Balance, (Common)	1	
16	3363, Mono Quarts Distillation Unit	1	
17	6550, 1000ml Borosil Kipps apparatus	1	

29	Melde's Apparatus	01	
30	Electronics Kits (Zeener Diod, Trangistor, IC, Bread Board, multimeters etc.)	01	

Tab 3 (h) : List of Instruments of Chemistry Department

18	WASM-8 (TP) Mac made wrist action Shaking Machine with timer	1	
19	Diamond stop watch	1	
20	ELICO CL 220 Flame Photometer	1	

Table 3 (i): List of Instruments of Botany Department

Sl. No	Equipments	Quantity	Agency
1	Compound Microscope (Olympus) .	05	UGC
2	Simple Microscope (Olympus) .	03	
3	Photo electric Colorimeter(Systronics).	01	
4	Chromatography Chamber(20 x 12x 10) .	02	
5	PC based Research Microscope(Trinocular) Model – CH-20i –Tr.(Olympus).	01	
6	Single Pan Electric Balance	01	
7	REMI Revolutionary centrifuge .	01	
8	Stage Micrometer. ERMA, Japan	02	
9	Ocular Micrometer. ERMA Japan	02	
10	GPS GARMIN USA.	01	

Tab e 3 (j) : List of Instruments of Zoology Department

Sl. No.	Equipments	Quantity	Agency
1	Olympus Student Monocular Microscope Model HAS. .	3	UGC
2	Paraffin Bath, 6 hole (MKOW) .	1	
3	Voltage Stabilizer 1KVA(Vertex) .	1	
4	Binocular, Model: H20, Make: Bushnell .	1	
5	GPS Germin, Model GPS-72 .	1	
6	Craft Secci Disc I BSW 24 for Transparency of Water	1	
7	Slide Cabinet for Histological Slide.	1	
8	Macro, Rectangular Hot Plate, Model MSW421 .	1	
9	Yorco Microtome Knife, Model YSI136 for Microtome	1	
10	Systronics Microcontroller Visible Spectrophotometer Type 104 .	1	
11	LCD Projector(SHARP) with Screen .	1	
12	Micropipette Model: 7012 .	1	
13	TLC Chamber (Rectangular Jar) .	1	
14	Max/Min Thermometer (Zeal) .	1	

Table 3 (k) : List of Instruments of Anthropology Department

Sl. No.	Equipments	Quantity	Agency
1	Sliding Calliper	3	
2	Spreading 12aliper (Blunt end)	4	
3	Spreading 12aliper (Pointed end)	4	
4	B.P. measuring Machine (Mercury)	2	
5	Antrhopometer	1	
6	LCD projector Model PCLD-1(EA)	1	
7	Freeze (Godrej)	1	

Table 3 (l): List of Instruments of Geography Department

Sl. No	Equipments	Quantity	Agency
1	Super Map Desk Pro-6(Basic GIS+Spatial Analysis+3D Analysis+Network Analysis Functionalities) and super Map Express-6(Basic GIS)	1 SMD + 4SME	UGC
2	GPS Map 276 c	1	
3	National Precision Direct	1	
4	Digital Plani Meter	1	
5	National Drawing Board pre	20	
6	Wireless Auto Weather	1	
7	Binocular Ranging 10×50	1	
8	Tangent Climometer	1	
9	Pocket Stereoscope	1	
10	Telescopic Alided	1	
11	Prismatic Compass	1	
12	Pantograph 60cm	1	
13	Mineral set	30	
14	Rocea set	20	

Table 3 (m) : List of Instruments of Mathematics Department

Sl. No	Equipments	Quantity	Agency
1	Smart Power Online UPS for Computer Lab (Capacity:5KVA)	01	UGC

Table 3 (n) : List of Instruments of Education Department

Sl. No.	Equipments	Quantity	Agency
1	Memory Drum, Electrical, 4 variable speed	02	UGC
2	LCD Projector-SHARP, PCLD-1(EA)	01	
3	Human Maze learning Appt. With 6 digit digital error counter	01	
4	Mirror drawing Appt. With 6 digit digital error counter	02	
5	Tachistoscope Fall Door Type, Heavy	01	
6	Stop watch, 1/10 Second	01	

Table 3 (o) : List of Instruments of English Department

Sl.No	Name of the Equipment	Quantity	Agency
1	CLARITY SNETCLASS Language lab Platform for 1 Teacher and 30 student	01	UGC
2	Tense Buster Compilation Software	01	
3	Computer set with Head phone for language Lab	05	

Table 3 (p) : Instrument procured from Research Project:

Sl.No	Name of the faculty	Name of the Equipments	Quantity	Agency
1	Dr. Rekha Chetry	Digital Camera(Kodak – C1013)	01	UGC
		Laptop Computer (DELL INSPRION, N 4010)		ICSSR
2	Dr. S. K. Bhuyan	Centrifuge (REMI)	01	UGC
		Distillation Unit(JSGW)	01	
		Computer	01	
3	Dr. Tapan Dutta	Water Bath (MAC)	01	UGC
		Glass Desiccators (BOROSIL)	01	
4	Dr. Tapan Kr. Deka	Laminar Air Flow	01	
		Autoclave : Vertical Model YSI-402	01	
		Water Distillation Assembly,JSGW, NPL DESIGN	01	
		JSGW Make Hot Plate Size	01	
		Metzer Trinocular Inverted Microscope Model-VFM 9050	01	
		Shimadzu Japan Make Electronic Balance Capacity:120gm	01	
		REMI Make Magnetic Stirrer : Model C5ML	01	
		Vertex Voltage Stabilizer 2KVA	01	
		Digital Ph Meter with Electrode Type 335	01	

		Hot Air Oven Model YSI-431	01	
		Metzer Biomedical BOD Incubator Model MBE-4055	01	
		Digital Still Camera, SONY DSC-5600	01	
		Pentium IV Computer with Accessories'	01	
		AC		
18	Dr. Ranjit Baishya	Laptop	01	
		Printer	01	

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

❖ Does not arise.

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

❖ Already mentioned in the point 3.3.1.

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

❖ Such collaborative research facilities are not available in the college.

3.4 Research, Publication and Awards.

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

- ❖ Patents obtained and filed(Process and product)
- ❖ Original research contributing to product improvement
- ❖ Research studies or surveys benefitting the community or improving the services
- ❖ Research inputs contributing to new initiatives and social development.
 - The research paper published by the faculty members in both National and International Journals (Referred Journals) has significant contributions towards the first hand knowledge and information. Faculty member, published books and research papers, are considered to be the relevant references for higher studies.

3.4.2. Does the Institutes publish/ 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?

❖ Nil.

3.4.3. Give details of publications by the faculty and students:

❖ Publication per faculty.

- ❖ No of papers published by faculty and students in peer reviewed journals(national and International)
- ❖ No 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

Table 3 (q): Details of Publications by the Faculty

Sl. No.	Publications by the faculty	Total No
1	International Journal	35
2	National Journal	28
3	Chapter in Books	12
4	Books Edited	01
5	Books with ISBN/ISSN No	02
6	Text Books	03
7	Books without ISBN/ISSN No	11

- ❖ Most of the research paper published in both National and International Journals are listed in Database and a few research papers have impact factor.

3.4.4. Provide details (if any) of

- ❖ Research awards received by the faculty
- ❖ Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
- ❖ Incentives given to faculty for receiving state, national and international recognitions for research contribution.
 - Till now 16 No of Faculty members have been awarded Ph. D. Degree.
 - Till now 08 No of Faculty members have been awarded M. Phil Degree.

3.5 Consultancy

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

- The institute proposed to establish a relationship with the Rubber Industry in the near future, since the college has already started a collaborative programme with Central Rubber Board and planted rubber plant in the college campus.

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

- The college has no any policy in this regard.

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

- Some faculty members of the college are engaged in the “Induction Training for Newly recruited TET qualified Teachers ” organized by J. N. College Study center of K K Handique State Open University from 25th March to 8th April, 2013.
- Some faculty members of the college are engaged in the “Workshop for Primary Teachers pursuing Diploma in Elementary Education” (Under Sarba Siksa Abhijan, Assam) organized by the J. N. College Study center of K K Handique State Open University from-

I. 23rd Dec., 2012 to 4th Jan., 2013.

II. 3rd July to 14th July, 2013.

III. 2nd July to 14th July, 2013

- Some faculty members of the college are engaged every year for Career Counselling through ICGC.

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

- During the last four years no revenue is generated through major consultancy services.

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

- Nil.

3.6 Extension Activities and Institutional Social Responsibility (ISY)

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 various efforts of the Institution in this regards are as follows-

- a. The Study center of K. K. Handique State Open University of this Institution has been contributing educating the people of this neighborhood, who can not afford higher education through the conventional system because of their various constraints.
- b. Distribution of 34 Number of Smokeless Chullah to the members of Jarapara Mahila Samiti by the J. N. College Science Forum on 11.11.2006.
- c. The ICGC of the College organized a programme for the Girl Students of our institution to motivate them towards the carrier in Air Hostage in collaboration with the Horizon Aviation Academy, Guwahati Centre on 5th May, 2009.
- d. The NSS, Rover/Ranger and different Cell/Units of the institution rendering various service for both students and community in the neighboring areas are-
 - Six NSS Volunteers Participated in the National Integration Camp (NIC) from 17th to 24th May, 2009 at Prajapita Brahma Kumari Education and Research Foundation, Gurgaon under the Ministry of Sports, Govt. of India.
 - The Ranger Team conducted Health Awareness Programme among “Prochesta Women SHG” at Shakhati M.V. School on 08.07.2008.
 - Sixteen (16) Rangers rendered their services in the Youth Integration Cycle Rally with German Karma Riders on 18.08.2008.
 - The Ranger Team provided their Services in the National Seminar on “Wetland and Livelihood” at College premises on 24th and 25th Oct. 2008.
 - Five NSS Volunteers (three girls and two boys) participated in the “National Integration Camp-2009” from 17th to 24th May, 2009 at Prajapita Brahma Kumari Education and Research Foundation, Guwahati.
 - Engaging the NSS Volunteers on Campus cleaning of the college on 15th Sept. 2008.
 - Observation of the NSS Day on the 24th of September 2008.
 - Awareness programme on Earthquake among the NSS Volunteers to aware the People regarding preventive steps to be taken during the Earthquake on 24th September, 2009.
 - The Ranger Team organized public meeting on Protection of Public Property, campaign for literacy development and Population Education on 14th July, 2009 at Junior College, Boko among the Students of Local Schools and peoples of Jarapara Village.
 - The Ranger Team rendered service at Free Health Checkup Camp at J .N. College, Boko, organized by the IQAC and Women’s cell on 25.11.2009.
 - The Ranger Team Rendered services at the 11th All Assam Scouts and Guides Rally at Gitanagar High School from 13th to 17th Feb, 2010.
 - The Women’s Cell in Collaboration with IQAC of the college organized a “Free Health Check up Camp” on 25th November, 2009 for the college fraternity and neighboring Villagers. Doctors and the Paramedical Staff of Boko PHE made this Camp a successful one with their full support and their Cooperation.
 - The Women Cell Organized a “Yoga Training Camp” from 10th to 13th December 2010 at College premises for both Students and the people of the neighboring areas. Mr. Narakanta Adhikari was the Resource Person for the said events.
 - The NSS Unit Organized a Blood Donation Camp in Collaboration with 9th Sikhli Regiment of Indian Army on 12th Feb. 2011 at the College Premises. Few Army Jowans, Teachers’ and Students donated Blood in the said events.

- Six Rangers with Ranger Leader Mrs. Bijaya Deka participated in the State Level Rover/ Ranger Meet at samatapathar, Guwahati from 29th Oct. to 1st Nov. 2010. The team obtained 11 prizes in various events and Miss Jyotiprabha Adhikari stood as **Best Ranger** in the event.
- The Ranger Team rendered their valuable service as volunteers at “Swaviman Jatra” of Baba Ramdev on 7th Feb. 2011 at Gandhi Maidan, Boko.
- Five Rangers participated at “Witch Hunting Awareness camp” and rendered their service on 7th Aug. 2011 at Boko High School, organized by Sangrami Nari Sangha, Kamrup.
- The Ranger Team participated and rendered their valuable service in the 65th Independent Day Celebration at Gandhi Maidan, Boko.
- On 2nd October 2011, on the eve of “Gandhi Jayanti” The Ranger Team of the College along with Guide Team of Boko Girls High School conducted a cleanness drive in Jamuswery Mandir at Nagopara Village and Siv Mandir Premises of Jarapara Village in the morning half. In the afternoon an Awareness Campaign about Drinking Water and Family Welfare was also organized in the Siv Mandir Campus for the locality.
- The Ranger Team with Ranger Leader Mrs. Bijaya Deka rendered services in the Suwari Satabarsha Festival from 17th to 19th April 2012 at Boko Gandhi Maidam.
- Aryabhatta Science Centre distributed 28 no. Solar Lanterns to the Poor meritorious students of the localities on 9th Jan. 2012.
- The Biotech Hub organized few Outreach programme in time to time.
- The IQAC in collaboration with Boko Sports Association organized a Workshop on Free Football Training Camp for the Students of the College and Youth of the locality from 3rd July to 13th July, 2012

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

- Though the institution has no any specific mechanism to track students’ involvement in various social movements, every year the college administration arranges Election to the Students’ Union democratically to involve them in different activities concerning the welfare of the student community as well as introduce them to the democratic process. Being the member of the Students’ Union they acquire the skills of policy making, discipline maintenance, abiding rules and regulation and the courage to protest against all sorts of prejudice and injustice afflicting the society.

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

- The institution solicits stakeholder perception on the overall performance and quality of the institution through participation in various events of the college viz- Foundation Day, Freshman Social, Guardian meeting, Seminar, Workshop, Festivals, Cultural events etc. Eminent persons/Social activists of the locality are generally included in various bodies like Governing Body, IQAC and Examination Committee etc.

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.

- Every year different Cell/Units of the college devise different plans and programmes in consultation with the Principal and IQAC. The major extension and Outreach programmes are listed in the following-

Table 3 (r) : Extension and Outreach programmes

Sl No.	Unit/Cell	Budget	Major Extension and Outreach programmes
1	Students' Union	1,04,000/-	<ul style="list-style-type: none"> • Participated in the Youth Festival of Gauhati University every year. • Participated in the Inter-college Sports & Cultural competition.
2	Biotech Hub	1,00,000/-	<ul style="list-style-type: none"> • Organized a three day long Workshop for School Teachers from 27th – 29th September, 2011 in order to create scientific temperament among the students. • Outreach programme at Singra High on 29th October, 2011. • Visit to IIT Guwahati (15 No. Students') to gather knowledge about emerging areas of Biotechnology on 10th January, 2012. • Hands on training on advanced laboratory equipments for students at undergraduate level from 19th – 21st March, 2013. • Workshop on Natural Dying of Eri Silk for Students and Local Community on 18th March, 2013. • Popularization of Science/Bioscience & Biotechnology at Jatiya Vidyalaya, Ranguli n 5th April, 2013. • Exposure visit (Undergraduate Student) to State Biotech Hub, Assam on 30th April, 2013. • Exposure visit (Undergraduate Student) to Centre of Plasma Physics, Sonapur, Assam on 2nd May, 2013.
3	NSS	1,07,630/-	<ul style="list-style-type: none"> • Engaging the NSS Volunteers on Campus cleaning of the college on 15th Sept. 2008. • Observation of the NSS Day on the 24th of Sept. 2008. • Five NSS Volunteers participated in the "National Integration Camp-2009" from 17th to 24th May, 2009 at Prajapita Brahma Kumari Education and Research Foundation, Guwahati. • Awareness programme on Earthquake among the NSS Volunteers to aware the People regarding preventive steps to be taken during the Earthquake on 24th September, 2009. • The NSS Unit Organized a Blood Donation Camp in Collaboration with 9th Sikhli Regiment of Indian Army on 12th Feb. 2011 at the College

			Premises. Few Army Jowans, Teachers' and Students donated Blood in the said events.
4	Rover/Ranger	67,630/-	<ul style="list-style-type: none"> • The Ranger Team conducted Health Awareness programme among "Prochesta Women SHG" at Shakhathi M.V. School on 08.07.2008. • Sixteen Rangers rendered their services in the Youth Integration Cycle Rally with German Karma Riders on 18.08.2008. • The Ranger Team provided their Services in the National Seminar on "Wetland and Livelihood" at College premises on 24th and 25th Oct. 2008. • The Ranger Team organized public meeting on protection of public property/campaign for literacy development/ Population Education on 14th July, 2009 at Junior College, Boko among the Students of Local Schools and peoples of Jarapara Village. • The Ranger Team rendered service at Free Health checkup Camp at J .N. College, Boko, organized by the IQAC and Women's cell. • The Ranger Team Rendered services at the 11th All Assam Scouts and Guides Rally at Gitanagar High School from 13th to 17th Feb, 2010. • Six Rangers with Ranger Leader Mrs. Bijaya Deka participated in the State Level Rover/ Ranger Meet at samatapathar, Guwahati from 29th Oct. to 1st Nov. 2010. The team obtained 11 prizes in various events and Miss Jyotiprabha Adhikari stood as Best Ranger in the event. • The Ranger Team rendered their valuable service as volunteers at "Swaviman Jatra" of Baba Ramdev on 7th Feb. 2011 at Gandhi Maidan, Boko. • Five Rangers participated at "Witch Hunting Awareness camp" and rendered their service on 7th Aug. 2011 at Boko High School, organized by sangrami Nari Sangha, Kamrup. • The Ranger Team participated and rendered their valuable service in the 65th Independent Day Celebration at Gandhi Maidan, Boko.

			<ul style="list-style-type: none"> On 2nd October 2011 on the eve of “Gandhi Jayanti” The Ranger Team of the College along with Guide Team of Boko Girls High School conducted a cleanness drive in Jamuswery Mandir at Nagopara Village and Siv Mandir Premises of Jarapara Village in the morning half. In the afternoon an Awareness Campaign about Drinking Water and Family Welfare was also organized in the Siv Mandir Campus for the locality. The Ranger Team with ranger Leader Mrs. Bijaya Deka rendered services in the Suwari Satabarsha Festival from 17th to 19th April 2012 at Boko Gandhi Maidam.
6	Aryabhatta Science Centre, Boko.		<ul style="list-style-type: none"> Aryabhatta Science Centre distributed 28 no. Solar Lanterns to the Poor meritorious students of the localities on 9th Jan. 2012.
			<ul style="list-style-type: none">

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 authority encourages the students and faculty members to participate in various extension activities through NSS, Rover/Ranger and different Cells/Unit
- (Details mentioned in 3.6.1).

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?

- Though the Institution has not undertaken any social survey and Research but some extension works meant for the benefit of the weaker section of the society have been done. The Aryabhatta Science Centre distributed 28 numbers of Solar Lanterns to the Poor meritorious students of the localities on 9th Jan. 2012. Since a considerable portion of the society is dependent on sericulture as a source of their livelihood, a day long workshop on Natural Dying of Eri Silk for Students and Local Community was conducted by Biotech Hub on 18th March, 2013.

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.

- The college authority encourages the students to participate in different extension activities conducted by NSS, Rover/Ranger, and different Cells/Unit of the college through which both students and the neighboring communities are benefited. It inculcates the habits of Service to the community and social responsibility and at the same time it helps them to become good citizens. These programmes definitely go a long way in character building of the students’. It plays a significant role in developing network between institution-neighborhood-community.

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?

- J. N. College Science Forum distributed 34 Nos. Smokeless Chullah to the beneficiaries of Jarapara Mahila samity
- The Ranger Team conducted Health Awareness programme among “Prochesta Women SHG” at Shakhati M.V. School on 08.07.2008.
- Awareness programme on Earthquake among the NSS Volunteers to aware the People regarding preventive steps to be taken during the Earthquake on 24th September, 2009.
- The Ranger Team organized public meeting on protection of public property/campaign for literacy development/ Population Education on 14th July, 2009 at Junior College, Boko among the Students of Local Schools and peoples of Jarapara Village.
- The Women’s Cell in Collaboration with IQAC of the college organized a “Free Health Check up Camp” on 25th November, 2009 for the college fraternity and neighboring Villagers. Doctors and the Paramedical Staff of Boko PHE made this Camp a successful one with their full support and their Cooperation.
- The Women Cell Organized a “Yoga Training Camp” from 10th to 13th December 2010 at College premises for both Students and the people of the neighboring areas. Mr. Narakanta Adhikari was the Resource Person for the said events.
- The NSS Unit Organized a Blood Donation Camp in Collaboration with 9th Sikhli Regiment of Indian Army on 12th Feb. 2011 at the College Premises. Few Army Jowans, Teachers’ and Students donated Blood in the said events.
- Five Rangers participated at “Witch Hunting Awareness camp” and rendered their service on 7th Aug. 2011 at Boko High School, organized by Sangrami Nari Sangha, Kamrup.
- On 2nd October 2011 The Ranger Team of the College along with Guide Team of Boko Girls High School conducted a cleanness drive in Jamuswery Mandir at Nagopara Village and Siv Mandir Premises of Jarapara Village in the morning half. In the afternoon an Awareness Campaign about Drinking Water and Family Welfare was also organized in the Siv Mandir Campus for the locality.
- Aryabhatta Science Centre distributed 28 no. Solar Lanterns to the Poor meritorious students of the localities on 9th Jan. 2012.
- The IQAC in collaboration with Boko Sports Association organized a Workshop on Free Football Training Camp for the Students of the College and Youth of the locality from 3rd July to 13th July, 2012.
- Workshop on Natural Dying of Eri Silk for Students and Local Community on 18th March, 2013.

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 cordial relationship with neighboring educational institutions and already some of our faculty members visited most of the neighboring educational institutions and conducted various outreach programmes. Also Teachers and students from these institutions visited and participated in various Seminars, Workshops, Training courses etc. organized under the banner of J. N. College Science Forum, Biotech Hub and different Cells/Unit from time to time.

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.

- Till date no such awards received by the institution in this field.

3.7 Collaboration

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

- The college has established a research linkage with Gauhati University. Under a Major Research Project (2009-2012) sponsored by DST, Govt. of India entitled “Bio–pesticidal controls of red Spider mit (*Oligonychus coffeae*) a Major pest of Tea”, Professor D. K. Jha of Department of Botany of Gauhati University is working as Co-investigator with Dr. Tapan Kumar Deka (PI) of this institution.

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.

- The College has signed a **MOA on 25th Feb. 2011** with Central Rubber Board with a view to develop a Commercial Nursery of Rubber Plant, Development of a Rubber Garden within College Campus (4.00 hector area) and awareness for feasibility of Rubber Cultivation in the area. Already the programme is implemented.

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.

- The institution has received Financial Grants from DBT for setting up a Biotech Hub and installed few sophisticated instruments that enhanced the research facility.

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.

- Prof. Randall C Kyes of University of Washington, USA visited our institution and presented a Popular Talk on “Conservation Biology in the 21st Century: Global Partnership in Research, Training and Outreach” On 9th February, 2011.
- Prof. Haruhisa Asada, Kyoto University, Japan delivered a lecture on “Japanese Nature, Society and Disaster” on 8th December, 2011.
- Prof. Kishorimohan Pathak Former Vice-Chancellor, Central University, Tezpur delivered the Keynote Address in the National Seminar on “Literature, Culture and Philosophy of Sankardeva” on 30th November, 2011.

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

- Only one collaboration with Central Rubber Board. The College has signed with Central Rubber Board a MOA on 25th Feb. 2011.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

- After completion of 7 years Central Rubber Board will hand over the rubber garden to the college administration as per MOA and we have a plan to produce Rubber from this rubber garden in commercial basis as income generating source.

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?

- The IQAC of the college develops policies regarding infrastructure and learning resources for enhancement of infrastructural facilities for effective teaching and learning resources :

The policies are-

- (i) Library automation development of reading room in library.
- (ii) Development and renovation of class room.
- (iii) Laboratory augmentation.
- (iv) Construction of Girls' Hostel.
- (v) Incorporation of more books and journals in the Library
- (vi) Development of advance Lab facility.

For the fulfillment of the above policies and ensure quality education the college has carried out following activities.

- a) The college installed Interactive Board, Green Board, Audio-Visual system like Overhead Projector, LCD projector in some departments and is planning to install the same in all the departments in the next two years.
- b) A well equipped seminar cum E- class room has been constructed for holding departmental seminar, workshop etc.
- c) The science laboratories are renovated with advanced equipments.
- d) An institutional Biotech-Hub is established for enhancement of science education.
- e) A GIS Lab has been established.
- f) A Language Lab is established.
- g) A 35 KVA generator has been set up for uninterrupted power supply during the college hour.

4.1.2 Detail the facilities available for

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial space, laboratories, Botanical Garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.
- The college campus has- two academic buildings with 24 numbers of well equipped class room for conducting classes and examination, 10 numbers of laboratories for practical classes, 14 numbers of departmental rooms, one well equipped computer laboratory with internet facilities, GIS lab, Biotech-Hub, research Lab language Lab, one museum. The college has also a central library which is accessible to all the faculty members and students. Besides every department have also its departmental library and computer facilities. To expose the students and faculties to modern teaching learning aids the college

has a well equipped seminar hall with modern facilities like interactive board, audio visual system, visual scanner and adequate sitting facilities. The college has also a spacious auditorium to provide facilities for co-curricular activities in the campus. Under UGC Scheme College has also initiated to start two carrier oriented certificate courses from the current academic session on Mass room Cultivation under Botany department and Montessori Methods under Education department. Within the college campus there is patch of a natural Sal forest and large number of other economically important trees with identification and naming which helps the science students especially from biology, geography and anthropology for their field practical. The college has also a small Botanical Garden and a large Rubber Garden. The college has developed its infrastructure facilities, laboratories, equipments funded by UGC, DBT, DST, KKHSOU, and State Govt. etc.

b) Extra –curricular activities- sports, outdoor and indoor games, gymnasium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

J.N. College is well equipped with some of the facilities for outdoor activities of the students. The college has two big play grounds within its campus one is well equipped with a Mini stadium of about 1500 sitting capacity for outdoor games like, cricket, football, volleyball and other athletics activities.

The college is also under process to construct an athletic ground in the collaboration with Sports Authority of India (SAI), Assam. Two important projects for development of sports infrastructure facilities in the college is going on under UGC scheme, i.e. one well equipped swimming pool and a indoor stadium with well equipped gym facilities.

The college has its own position in the field of Volley ball and can able to beg 2nd position in the inter institutional tournament held in IIT, Guwahati in 2012. The team has many state level players and have been representing the college in Inter college Volleyball meet under Gauhati University as well as in other professional tournament.

One of the landmark for the college in the field of sports is formation of a girls football team of the college in the year 2013 after successful completion of a 12 day long football training camp organized by the college in collaboration with Boko Sports Association with the participation of few state level and train football coach. The team has been showing consistently good performance in different district level tournament

These adequate facilities have encouraged our students which resulted in the form of two bronze medals in the 13th national games 2007 at Guwahati in “Wushu” out of which one is a girl’s member.

Our college also occupies a distinguished position among the colleges under Gauhati University in the inter college meets for cultural activities. As a result of encouragement of teachers and college authority, adequate infrastructure and financial support of the college the students can able to beg many prizes in the areas of music and

literature both in individual and group level. The cultural unit of the college constituted with teachers, staff and student members has also been working to preserve and uplift the traditional tribal cultures by organizing workshops on tribal dance form and song of this locality from time to time. The unit also working for the overall development in extracurricular activities of the students

The National Service Scheme (NSS) of the college plays an important role for development of extracurricular activities of the students. A total of 50 student Volunteers have been enrolled for rendering social services inside and outside the campus. A Red Ribbon club is also constituted under NSS unit and organized different awareness programmes as well as blood donation camp in the college campus. The members of the unit participated in NSS National Integration Camp from time to time organized by different national and state agencies.

The college has also a Ranger team namely “Amrit Prabha” under Bharat Scout and Guide which also rendering social services inside and outside the campus. About forty (40) girl students have been enrolled as an active member of the team. The team also able to beg the best state award in the Rover Ranger meets for their excellent services. The team also submitted their activity report for “Upa Rastrapati Award”, 2012.

For public speaking like lectures, meetings, seminars, workshop etc., the college has modern and adequate infrastructures in the form of an auditorium with 500 sitting capacity, a well equipped seminar hall with 150 sitting capacity, a mini stadium with open field, own sound system, public address system , LCD etc.

For development of better communication skills among the students the college has ICT facilities in the form of a computer networking system. The department of English also conducted spoken English classes for development of vocal skill for the students. At the same time the language lab also contributing a lot towards the developments of communication skills of students as well as faculty members.

Yoga camps have been organized in the college campus from time to time in the supervision of the women’s cell of the college in collaboration with Patanjalli Yoga Kendra, Boko.

Free health check up camps have been organized time to time in the college by NSS unit in collaboration with State Health Department, AIDS control society, Indian Army and other NGO’s. The unit also organizes blood donation camps time to time for large scale awareness and make the student social responsible. The NSS unit , science forum, women cell of the college organizes different awareness programmes on AIDS, women and health care , women and child care, women empowerment, health and hygiene, environmental protection time to time in the college. Social service camps are also held inside and outside the college under social service wing of the college and Ranger group to motivate the students towards social responsibilities and health and hygiene.

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 of any).

- The infrastructure facilities established in the college regarding library, computer center, laboratories, Aryabhatta Science Centre, sports facilities etc. are optimally used by the college fraternity for academic growth of the institution and also made available for other stakeholders. Increased number of students and faculty member in the reading room of the library, increased number of students in the computer network center, better results of the students, increase number of research projects conducted etc. are the best examples of optimal utilization of available academic infrastructure for the academic growth of the college. The external agencies like KKHSOU, District and State Administration (for conducting training, meetings, seminars, workshop, Exhibition etc.) etc have been using the infrastructure and learning resources of the institution is one of the strength of the college.

The college has a total land area of 110 bigha (aprox. 13 acres) , of which 60 bighas are in main academic campus, Hostel, Garden, Play ground, Stadium, Swimming pool and Indoor stadium(Under construction) and 35 bighas under Rubber nursery and cultivation. For academic growth the following infrastructure are developed and renovated in the last four years-

Table 4 (a): Financial assistance received for development of Infrastructure

Sl. No	Infrastructure	Developed/ Renovate	Funding Agency	Amount spent (Rs. In lakh)
1.	New Administrative Block	Developed	Own Fund	18.00
2.	New Library building	Developed	Own Fund and fund from State government	15.00
3.	New Seminar Hall	Developed	Govt. of Assam & Study Centre of KKHSOU	13.00
4.	Biotech Hub	Developed	DBT, Govt. of India	29.68
5.	Language lab	Developed	UGC Additional grant (XI plan)	03.00
6.	Network resource Centre	Developed	UGC XI plan	05.00
7.	GIS Lab	Developed	UGC XI Plan	08.00
8.	Girls Hostel	Developed	UGC Special assistance	57.00
9.	Day care Room	Developed	UGC XI Plan	01.00
10.	New Class room(Three numbers)	Developed	UGC and State Govt.	20.00

11.	Power supply	Developed	UGC Additional grant	06.00
12.	Inside Road of the College Campus	Developed	State Govt	12.00
13.	Mini Stadium	Developed	Rabha Hashong Autonomous Council grant	50.00
14.	Laboratory	Augmented	UGC Additional grant	25.00
15.	Swimming Pool(Under Construction)	Under construction	UGC(Sanctioned 100.00 lakh)	50.00
16.	Indoor Sports facilities(Under Construction)	Under construction	UGC(Sanctioned 70.00)	35.00
17.	Toilets for Teachers and Students	Developed	UGC and State govt.	02.00

Master Plan of the college enclosed in Annexure IV (i). Following are the plan for expansion of infrastructure.

- Construction of a Boys' hostel.
- Construction of a multi -storied Science Block(Proposal already Submitted to DoNER)
- Expansion and up gradation of existing library.
- Future development of the playground in to a synthetic athletic ground.
- Construction of Principal's and staff quarter.
- Construction of a guest house.
- Car parking for faculty member.
- Opening of a Vocational training centre
- Installation of Solar Power system (Proposal submitted to MnNRE, Govt. of India.
- Opening of new Career oriented courses.
- Construction of a Water supply plant
- Construction of Boundary wall.
- Up gradation of existing classrooms and laboratories.

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

- The college has no specialized infrastructure facilities to meet the requirement of students with physical disabilities.

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

- Hostel Facility :
Accommodation available: The College has constructed a Girls' hostel with 60 seat capacity funded by UGC.
- Recreational facilities, gymnasium, yoga center etc.:
The gymnasium and yoga centre is under construction with the indoor sports facilities and will be completed shortly.

- Computer facility including access to internet in hostel:
As the hostel will be functional from this year only necessary facilities will be provided accordingly.
- Facilities for medical emergencies:
The CHCFRC (Community Health Center First Referral Unit) is very near to college hence in any emergency ambulance service and doctor facility is accessible. However the college has a medical care room with fast aid facilities for primary hospitality.
- Library facility in the hostels:
Library facility will be provided in the hostel.
- Internet and Wi-Fi facility:
The college has a Network Resource Centre with internet facilities.
- Recreational facility-common room with audio-visual equipments:
The college has a faculty common room and common room for both boys' and girls' with sufficient recreational facilities. The faculty common room is well furnished with dish TV connection.
- Available residential facility for the staff and occupancy:
The college has no residential facilities except the Hostel warden Quarter. But the college has submitted a proposal to UGC for construction of Principal's quarter and staff quarter.
- Constant supply of safe drinking water:
College has installed a deep tube well in the college campus with a water tank of 5000 liter capacity with filter to supplement the drinking water facility and for running to the departments and to the laboratories. A water cooler and purifiers have been installed in the college.
- Security:
The College has a big campus with 110 bighas of land with a sizable physical structure in campus. A sufficient amount of Security personal is essential to look after the different areas. Due to financial constrain only two security personals have been deployed in the day time and two during night time. But college is in a process to recruit more security personal in the next year considering the open campus of the college. Same time focus has been given to complete the boundary wall soon and to install CCTV camera in certain points of the college to ensure 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?

- The college has a primary first aid center in the campus with minimum facilities to provide emergency first aid services to the teaching, non-teaching staff and students. With the cooperation of Boko CHC and the NSS unit of the college health checkup programmes are done time to time by Physicians.

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 one IQAC cell with its own separate working room equipped with computer, internet connectivity the cell guide the college authority in all important matter of the college. The cell is also responsible for keeping all the educational and other service information and records of the teaching and non teaching staff. The cell also keeps records of various activities done in the college time to time.

A Grievance and Redressal cell was formed in the college as per UGC guideline and a general awareness have been generated regarding grievance and redressal system of the college among the students and other staff. Any form of grievances are collected through a grievance collection box and the committee sits time to time for finding out possible solutions of the grievances through effective discussion.

The women cell was form in the college in the year 2003 and from the date of its inception it has been organizing regular seminar, lectures, public meetings to address different women related problems and to empower women's through awareness and skill developments. A separate office room is provided to the cell for functioning their activities smoothly.

The college has an active information and carrier guidance cell which have been organizing different training and coaching programmes for the students of the college to help them for preparing for competitive examination like public examination, Bank, SSC, railway etc in the collaboration with reputed professional intuition like IMS, IIE, and also by inviting experienced faculties and academicians from different fields. This ICGC is also working as a placement cell of the college by highlighting different advertisements of job vacancies in the central and state government agencies as well as private sectors. The cell also organizes different counseling sessions to motivate students to involve in various entrepreneurial activities.

The college has also a science forum which has been working for popularization of science inside and outside the college campus and for development of science spirit among the school as well as college students of this area by holding popular talk, organizing seminars, trainings and workshops etc.

The college has a canteen within the campus for providing healthy foods and other services to the faculty members as well as to the students.

For recreation of students and teachers the college has separate boys' common room, girls' common room (with attached toilets) along with all necessary facilities. For teachers a well equipped common room is available with audio visual system with disc TV connection, attached lavatory and water purifier .Besides the college has ample number of pollution free open space with natural plantation which provides a beautiful ambiance for the college fraternity to enjoy the leisure times within the college campus.

The college authority has made necessary arrangement for pure and safe drinking water by installing water tank with filter, water cooler and water purifier etc in the college campus.

The college has also an auditorium with a stage and a sitting capacity of 500 persons for holding different activities. A well equipped conference hall with 150 sitting capacity has also constructed recently the college.

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?

- Yes. The college has a five member library advisory committee comprising with Principal as chairmen, librarian as member secretary, vice principal and two teaching staff as members.

The committee considers the development proposals of the library and budget allocations and policy decisions. The committee have been taken the responsibility to equal allocation of available library funds amongst the various departments and laid down policy regarding purchase of books and journals. The committee also responsible for look after the other matters related to the maintenance of working environment of the library to meet the requirements of the library users.

4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.)

➤ The library occupies an area of 236 sq.mt.

- Total seating capacity:

➤ 50 seats for students and 12 seats for teachers.

- Working hours (on working days, on holidays, before examination days, during examination days, during vacation):

➤ On working days: from 10.00 AM to 4.30 PM (During Summer) From 10. AM to 3.30 PM (During Winter)

During vacations the library remain open from 10.30 AM to 3.00 PM

The library remain open during examination period as in the working days and remain closed in the holidays.

- Layout of the library (individual reading carrels, lounge are for browsing and relaxed reading, IT zone for accessing e-resources):

➤ The college library has individual reading carrels for teachers and students which can accommodate 50 students and 12 teachers at a time. The library has also a small lounge area to read news papers and for searching of books and to access necessary photo copy of reference book and journals. The library staff monitors the proper control over the safety of library materials.

At this point of time there is no provision for browsing of e-materials and relax reading for students in the library. But there is facility for internet browsing with the librarian only. The college is planning to

expand the library building with a provision of separate reading room and IT zone for accessing e-resources for students and teachers.

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.

- The college purchases books and journals through the library committee. The committee invite demand list from each department and as per the requisition submitted by the departments the committee based on latest catalog, placed order to the different publishers. The procurement procedures have been simplified to avoid delay. The other reading materials such are usually subscribed by the librarian with the consultation of advisory committee. The amount spent on new books and journals during the last four years is given below (amount in Rupees)

Table 4 (b): Library Expenditure

Library holdings	2008-2009		2009-2010		2010-2011		2011-2012	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books & Reference Books	1103	2,97,033	409	53,293	590	1,44,102	391	1,01,030
Journals/ periodicals	11	2676	19	2611	28	44315	28	44315
e-resources	nil	Nil	nil	nil	Nil	Nil	Nil	nil
Any other (newspaper daily & weekly)	07	5182	07	6168	07	9960	07	9960

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

- * OPAC
 - Till date no OPAC is available in the library.
- * Electronic Resource Management package for e-journals
 - Till date no electronic resource management package is available in the library.
- * Federated searching tools to search articles in multiple databases
 - It is only available through internet facility with the librarian only.
- * Library Website
 - The library link is provided in the college website.
- * In-house/ remote access to e-publications

- No
- * Library automation
 - The library automation is under process. But manual cataloging and classification of books and journals have been completed.
- * Total number of computers for public access
 - At present there is no computer system in the library for public access. But the student can access the internet in the computer center of the college.
- * Total numbers of printers for public access
 - The library has only one printer for library use only. But all the academic departments have internet and printer for e-access.
- * Internet band width/ speed □ 2mbps □ 10mbps □ 1gb (GB)
 - BSNL Broad band with 2 mbps speeds.
- * Institutional Repository
 - The college has a functional website where all information about facilities and resources available in the college in different form have been uploaded and upgraded time to time.
- * Content management system for e-learning
 - No
- * Participation in resource sharing networks/ consortia (like Inflibnet)
 - No

4.2.5 Provide details on the following items:

- * Average number of walk-ins:
 - Average 200 walk-ins daily during pick session.
- * Average number of books issued/ returned
 - Average 100 numbers of books issued and average 50 return daily daily
- * Ratio of library books to students enrolled
 - 1:8 approximately
- * Average number of books added during last three years
 - Around 1390 books have been added in last three years
- * Average number of login to opac (OPAC)

- Not available
- * Average number of login to e-resources
 - Not recorded till date.
- * Average number of e-resources downloaded/ printed
 - No system of records till date.
- * Number of information literacy trainings organized
 - Nil
- * Details of “weeding out’ of books and other materials
 - As per necessity the weeding out system has been manage by the library staff with the consultation of advisory committee.

4.2.6 Give details of the specialized services provided by the library

- * Manuscripts
 - No
- * Reference
 - A large numbers of reference book and journals are available in the library on various subjects and disciplines.
- * Reprography
 - The library and college has few photocopiers and student can access the facilities in a measure prices. The library has the provision of reproduce the reading material like text books and reference books etc for students and teachers in very reliable prices.
- * ILL (Inter Library Loan service)
 - No
- * Information deployment and notification (Information Deployment and Notification)
 - Various informations considered to be beneficial for students are displayed in the library, departmental and main notice board regularly.
- * Download
 - Yes, it is available in the computer center

- * Printing
 - Yes, it is available only for teachers in the computer center and in the department.
- * Reading list/ Bibliography compilation
 - Yes
- * In-house/ remote access to e-resources
 - No
- * User Orientation and awareness
 - Yes
- * Assistance in searching Databases
 - Yes
- * INFLIBNET/ IUC facilities
 - No

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

- The library staff encourages the faculties and students to use the library to their advantage by providing positive respond in all the time and also help to access the facility like cateloge box and Photostat machine etc. They maintain the books and journals systematically and kept records correctly for the benefit of the students. They also encourage students and faculties by displaying of new arrivals, information on special events etc.

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

- No special facilities available in the library for the physically challenged students.

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

- Till date there is no such provision of feedback collection from students but student opinion and faculty advices are considered for improvement of the library activities. However considering the importance of students feedback the library advisory committee is in a process to introduce feedback collection system shortly.

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)

- There are 42 computers in the college most of them with internet connectivity. The configuration of the computers are HP - Pentium IV with dual core, HCL- Pentium IV with dual core, Lenovo- Pentium IV with dual core (Laptop) , CHIRAG- Pentium IV with dual core.

The following are the software available-

Tally, MS-Office 2007, Windows 2007, Quick Heal, XP, C++, SPSS, MATLAB, MATHMATICA, Active inspire (Interactive Board) , College automation with server, Super Map Express-6 (GIS Lab), Tense Buster Compilation (Language Lab), CAS (College Attendance System)

- Computer-student ratio
1:25
- Stand alone facility
Yes, only 18
- LAN facility
LAN facility is available in the office of the principal, Computer lab, language lab and GIS lab only.
- Licensed software
Windows 2007, Quick Heal, Active inspire, College automation, Super Map Express-6, Tense Buster Compilation, CAS
- Number of nodes/ computers with Internet facility
22 numbers
- Any other
The college authority feels that the present IT infrastructure is not quite enough to meet the growing need of the college and decided to extend the IT facilities by increasing numbers of computer with internet facilities.

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

- The computer and internet facility is made available for the teachers and students in all the departments including computer center, IQAC cell and library. There is no off campus facilities for computer and internet.

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

- The college has already started a self financing certificate courses in computer application and applied for permission to open PGDCA course to Gauhati University to educate the student in the field of

information technology. Already a digital conference hall is developed as a preliminary step towards up gradation of the IT infrastructure. A separate building is plan to be constructed for opening of a full fledged computer lab and a with Video conference facility. For up gradation of library IT facilities a proposal are submitted to UGC under XII plan grant.

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

- There is no fixed annual budget allocation for procurement and up gradation of computer system. The college Procured computer and accessories as and when necessary but college has AMC services for website and computer hardware and software maintenance with unique solution, Guwahati, STEP 2 SOLUTION,Guwahati.

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?

- The college has installed few interactive boards and computer added teaching learning material in some departments used in conducting regular class room teaching and learning. The college also uses ICT resources in some works i.e. admission, examination, documentation etc. The teachers use ICT resources in research works, project works, laboratory works and various activities of the department.

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

- The college has a computer lab with internet facility which the teachers and students can browse with free of cost for their academic purpose. The college has also a digital conference hall with adequate learning resources for extensive use of students and teachers.

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?

- The institution has not yet connected with national Knowledge network or affiliating university directly.

4.4 Maintenance of Campus Facilities

4.4.1` How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the

following facilities (substantiate your statements by providing details of budget allocated during last four years)?

- Budget for allocation and utilization of the financial resources for construction, purchase and maintenance has been shown in the following

Table 4 (c): Budget allocation and utilization of financial resources (in rupees)

Category	2008-09	2009-10	2010-11	2011-12
Building	12,16,217/-	22,59,137/-	37,27,014/-	10,99,329/-
Furniture	Nil	nil	2,46,863/-	1,76,950/-
Equipments	3,595/-	83,115/-	2,38,300/-	23,32,269/-
Computers	Nil	nil	2,53,200/-	2,15,137/-
Vehicles	Nil	nil	nil	nil
Any other	1,09,129/-	23,651/-	47,870/-	51,920/-

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

- The college has both technical and non technical staff for maintenance and upkeep of the infrastructure and equipments. The college has also signed Annual Maintenance Contract (AMC) agreement with unique solution, Guwahati, S.S Technologies, Guwahati, for maintenance and up gradation of various equipments of the college. The college has one construction committee and some monitoring committee to supervise and monitor the infrastructure of the college.

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

- The college has taken effective measures from time to time by appointing professional personal on temporary basis.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- College has the facility of cold drinking water, deep tube well for constant running water supply. The college has a generator with 35 KVA for power supply setup in protective location. The college has

good earthing system for maintenance of voltage of power supply and for other sensitive equipments.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The college intends to include the following infrastructure and learning resource in near future –

- a) Principal's quarter & staff quarter
- b) One guest house
- c) One Garden with fountain
- d) Film studies center
- e) Subscribe of national and international journals.
- f) Science Block
- g) Boy's Hostel
- h) Purchase of laboratory equipments.
- i) ICT resource- Computer, scanner cum printer, digital board, online UPS etc.

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 prospectus of the college is published annually. The prospectus provides all relevant information about the college e.g. admission procedure, eligibility criteria, academic calendar, various facilities like scholarship, library facility, Information and Career Guidance Cell, NSS, and others.

The commitment and accountability is ensured by the Governing Body in consultation with the faculty and representatives of various sub-committees. Internal Quality Assurance Cell plays a pivotal role in ensuring commitment and accountability to a great extent. Regarding various grievances the college has set up a Grievance Redressal Cell which addresses to various grievances. Other Cells like the Woman Cell, Guardian Committee also ensures accountability.

- 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?

The college provides various types of scholarship and freeships to the students. As the college is situated in tribal dominated area most of the students get government scholarships provided for ST/SC students. Other than that the Student Aid Fund of the college provides freeships for meritorious students belonging to financially weak background. Besides these, various departments also provides financial assistance to meritorious students.

Table 5(a): Scholarship and freeships to the students.

Session	Total No. of students	Total Sanctioned amount	Amount disbursed	Amount returned
2008-2009	49 (OBC)	41,195/-	40,410/-	785/-
2009-2010	06 (SC)	23,916/-	23,916/-	Nil
	753 (ST)	16,98,655/-	16,43,530/-	55,125/-
	176 (OBC)	2,28,800/-	2,21,680/-	7,120/-
	02 (Minority)	3,240/-	3,240/-	Nil
2010-2011	414 (ST)	9,47,735/-	9,03,135/-	44,600/-
	129 (OBC)	1,79,110/-	1,72,390/-	6,720/-
	01 (Minority)	3,000/-	3,000/-	Nil
2011-2012	699 (ST)	18,00,395/-	17,80,615/-	19,780/-

Other Financial Support to the student from different agencies are -

a. UGC Grant for Conveyance

Year	No of Students	Amount
2010-11	12(T.D.C.Science)	7320.00 /
2010-11	350(SC.ST.OBC)	1,20000.00/
2011-12	779	11,20,000.00/

b. Freeship from Bio-Tech Hub.

Year	Name of Students
2011-12	i. Shyamolima Das ii. Azizur Rahman

c. Students Aid Fund of College.

Year	Name of Students
2008-09	i. Rudra Mandal ii. Nayan Moni Das iii. Devishree Seal iv. Kanicka Boro v. Niva Rani Boro vi. Rita Bodo vii. Mamoni Boro
2011-12	i. Bipul Biswas
2012-13	i. Pranab Pathak ii. Bipul; Biswas

d. Department of Chemistry, J. N. College

- i. Jagadish Kalita : Finance assistance for Higher Study(2009-10)
- ii. Kaveri Boro : Freeship (2010-11)
- iii. Gobinda Boro: Medical Assistance (2010-11)
- iv. Gajin Rabha: Sports Assistance (2010-11)
- v. Sanjoy Boro: Sports Assistance (2011-12).

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

Table 5(b): Financial Assistance to students

Session	No. of students	Assistance received	Received %
2008-2009	441	49	11.11
2009-2010	512	937	*
2010-2011	643	544	84.60
2011-2012	792	699	88.25

*Included Ex-students.

5.1.4 What are the specify support services/facilities available for

- ✓ Students from SC/ ST, OBC and economically weaker sections
- Students from SC/ST, OBC get government scholarship and other facilities available. The college provides special support to deserving students from weaker sections in terms of waiver of tuition fee and free library facility. There is provision for meritorious students from economically poor background to get financial assistance in need.
- ✓ Students with physical disabilities
- Students with physical disabilities get special support during examinations or in the classes. At times the college provides them free commutation.
- ✓ Overseas students
- The college does not yet have overseas students, yet over seas students are welcome if they visit the provided website and contact us.
- ✓ Students to participate in various competitions/ National and international
- The college provides special help for the students who compete in national or even international competitions in terms of financial assistance and coaching through local or outside coaches in arrangement with SAI.
- ✓ Medical assistance to student: health centre, health insurance etc.
- Time and again health camps are organized by NSS or Women Cell to provide medical assistance to students and community. The college has special understanding with the local hospital for immediate treatment for students in need.
- ✓ Organizing coaching classes for competitive exams
- The ICGC of the college arranges coaching for entry to the services through UGC grant. Besides this various organizations visit our college to make awareness on career building. In the session 2012 – 2013 a coaching class was organized in coordination with Rabha Jatiya Parishad on Civil Services examination.
- ✓ Skill development (spoken English, computer literacy etc.)
- Spoken English classes are organized by the Department of English. Last year a language laboratory has been installed for making language learning more dynamic and fruitful. The Network resources centre of the college provides computer education to the students with the help of a fulltime instructor.
- ✓ Support for “slow learners”
- Remedial courses are regularly organized for slow learners. Judging by the performances in the unit examinations special classes are organized for weak students.
- ✓ Exposures of students to other institution of higher learning/ corporate/ business house etc.
- Educational excursions and Encourage Visit to Advance laboratories & Institution are arranged for the students to introduce them to higher learning centers like IIT, GU, State Biotech Hub and others. The college avails the various government programs like Udgog Jyoti for corporate exposure.
- ✓ Publication of student magazines
- The college magazine is published annually for the students to hone their literary and creative skill. Every department has its own wall magazine where students contribute with their articles and etchings. An annual competition during the Freshmen Social is held to adjudge the best wall magazine and they are duly awarded.

- 5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.
- The college has an MOU with Indian Institute of Entrepreneurship, Guwahati, who provides the guidelines of entrepreneurship for willing students. Time and again workshops are organized in association with IIE or KVICC to build awareness on entrepreneurship.
- 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 completions, debate and discussions, cultural activities etc.
- The students are encouraged to participate in various co-curricular activities such as sports, games, quiz etc. They are provided with financial assistance through the budget of the Students Union. Each year students participate and usually get award in Gauhati University Youth Festival. Various competition organized on college level is attended by our students and perform satisfactorily. The annual College Week encourages the students to participate in sports, Cultural and literary events. The College Week also adjudges the best performances in every field. For every department teacher advisors are assigned to guide the students. Additional academic support is provided for performers in various fields. Flexibility in the college examinations are provided too. Sports Uniform and other requirements and equipments are provided for the students representing the college.
- 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.
- Since college is an Undergraduate college UGC examinations like NET are not attended by our students. For the last few years coaching classes are being organized through ICGC for entry to the services under UGC scheme. Many students are enrolled in defense services, teaching positions and other sectors. But yet a full grown mechanism is not developed to track the students entering into various professions.
- 5.1.8 What type of counseling services are made available to the students academic, (personal, career, psycho-social etc.)
- The college has an Information and Career Guidance Cell for student counseling and guiding. The Women Cell provides special attention to physical and psychological problems for girl students. The Grievance Redressal Cell is very much attentive towards the grievances of students. The teachers on their personal capacity counsel the students on the matters regarding personal, career, and psycho-social matters.
- 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 interviews by different employers (list the employers and the programmes).
- The college has established a Career Guidance Cell in the year 2002. Since then the Cell has been regularly aiding the students concerning career

guidance and counseling. It exhibits advertisements, notices and posters related to careers and higher education. Yet the college has not been able to develop a placement cell in proper sense of the term.

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.

- The college has established a Grievance Redressal Cell as per UGC guideline. The Cell adheres and resolves any grievances if reported. The following table represents the grievances in the last four years and actions taken.

Table 5(c): Activities of Grievance Redressal Cell

Year	Nature of Grievance	Action taken
2008-09	Demand for separate room for major subjects.	Arranged different rooms for most of the departments.
2009-10	i. Less sitting arrangement in the Canteen. ii. Less Urinal for boys	Increased sitting capacity. New urinals are built.
2010-11	Scarcity of drinking water	Installed new water cooler
2011-12	Demand for open access to library	Started open access system.

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

- The Woman Cell of the college and the Grievance Cell against Sexual Harassment particularly look into any matter regarding sexual harassment and abuses. It is a matter of great pride for us that till date no such report have been lodged.

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?

- The College Anti Ragging Committee, headed by the principal with 10 members, promptly considers any complain of ragging brought to notice. During the admission students have to provide undertaking not to engage in ragging. Therefore ragging is strictly restricted in our college. No instances of ragging have been noticed in the last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

- Apart from the scholarship received by the students from central and state government as per rule, the institute itself offers various scholarships and help to the meritorious and weaker students in different ways .The College has some welfare schemes for the benefit of the students. These are -
 - Student Aid Fund
 - Provision for scholarship.
 - Fees relaxation for deserving students.
 - Canteen Facility.
 - Internet Facility.
 - Certificate Courses in computer learning.
 - Sports facility.

- NSS, Rover Ranger unit.
- Free health services with the help of local public health center.
- Career Counseling Cell

4.1.14 Does the institution have a registered Alumni association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

The College has an Alumni Association, but it is not duly registered.

5.2 Student Progression

5.2.1 Provide the percentage of students progressing to higher education or employment (for last four batches) highlight the trends observed.

Table 5(d): Students' Progression of last four years

Session	Stream	Percentage (%)
2008 - 09	Arts	19.29%
	Science	22.22%
2009 - 10	Arts	21.74%
	Science	52.94%
2010 - 11	Arts	33.9%
	Science	27.27%
2011 - 12	Arts	43.29%
	Science	100%

Since the college doesn't have a specific cell for placement therefore it is hard to track the students employed in various sector. Yet a list is enclosed herewith the report of students employed in various sectors. It is seen that many students are employed in teaching, defense, health and other sector.

5.2.2 Provide details of the programme wise pass percentage and competition 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 Collage of the affiliating university within the city/ district.

Table 5(e): Pass Percentage of Students

Year	Class	Total Student	Students Appeared	Total Pass	Pass Percentage	University Percentage
Arts Stream						
2008-09	B.A-I	283	280	123	43.4%	41.89%
	BA -II	100	82	53	64.5%	58.41%
	BA-III	47	47	40	85%	65%
2009-10	B.A-I	368	368	137	37.2%	46.28%
	BA -II	170	170	107	63%	61.86%
	BA-III	62	62	40	64.45%	62.38%
2010-11	BA. Sem.-I	394	363	180	49.7%	52.20%
	I	294	290	170	59%	52.20%
	B.A-I	173	173	133	77%	56.27%
	BA -II	127	127	100	78%	74.33%
2011-12	B.A.	394	339	250	73.74%	48.79%
	Sem.-I	325	321	229	71.33%	71.02%

	B.A.	310	305	241	79.01%	69.48%
	Sem.-II	81	81	35	43%	54.19
	B.A	209	206	99	42%	72.79%
	.Sem.III	170	166	129	77%	72.79%
	B.A-I(old)					
	BA –II					
	BA-III					
Science Stream						
2008-09	B Sc I	34	32	15	46.8%	46.80%
	B Sc-II	13	13	07	53.8%	70.22%
	B Sc-III	04	04	04	100%	77.18%
2009-10	B Sc- I	19	19	09	47%	57.79%
	B Sc-II	18	18	07	41%	79.85%
	B Sc-III	12	12	09	75%	76.79%
2010-11	B Sc I	34	27	08	29%	57.79%
	B Sc-II	05	05	05	100%	67.34%
	B Sc III	07	07	06	85%	76.31%
	B Sc	34	34	24	70.5%	82.35%
	Sem.-I					
2011-12	B Sc I	10	12	07	58%	42.74%
	B Sc II	16	12	10	83%	52.02%
	B Sc III	17	10	09	90%	83.88%
	B Sc.	34	33	16	48.4%	41.36%
	Sem. I	33	31	23	74.19%	66.24%
	B Sc.					
	Sem. II					

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

- The institute has an Information and Career Guidance Cell which helps students toward higher education or job opportunities.

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

- The College provides Remedial classes for weaker students. The weaker section of the students is provided special care for academic progress through it.

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.

- List of Sports and Games Available
 - Football
 - Volley ball
 - Cricket
 - Carom
 - Table Tennis
 - Badminton
 - Shot-put
 - Discus throw
 - Javelin throw
 - Different events of athletics
 - Body building

Music & cultural and literary activities:

List of available Cultural Activity

- i) Different types of songs like Classical, Light vocal (Ghazal, Bhajan), Traditional, Modern, Borgeet (introduced by Sankardeva and Madhabdeva), Jyoti Sangeet (written by Jyoti Prasad Agrawala), Bishnu Rabha Geet (written by Bishnu Rabha), Bhupendra Sangeet (written by Dr. Bhupen Hazarika).
- ii) Different musical instruments including percussion and non-percussion
- iii) Drama competition
- iv) Debating & Symposium
- v) Floristic decoration
- vi) Bridal attire
- vii) Recitation of poems etc
- viii) Spot writing, drawing & Painting
- ix) Quiz
- x) Wall Magazine and Symposium

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.

Table 5(f): Achievements of the Students'

Session	Achievements of the Students'
2008-09	<ol style="list-style-type: none"> 1. Mr. Rinku Rabha won the 2nd Prize in Poster Making competition in the Inter College Youth Festival of GU. 2. Mr Phanidhar Rabha won the 3rd Prize in Clay Modeling competition in the Inter College Youth Festival of GU. 3. Miss Jyotiprabha Adhikary won "Special Guide Award" from Vidyarthi Parisad, Assam. Six NSS Volunteers Participated in the National Integration Camp (NIC) from 17th to 24th May, 2009 at Prajapita Brahma Kumari Education and Research Foundation, Gurgaon under the Ministry of Sports, Govt. of India.
2009-10	<ol style="list-style-type: none"> 1. Miss Gaurima Rabha, 2nd prize in Traditional Folk Song, Inter College Youth Festival, GU. 2. Anindra Rabha won 3rd Prize in Clay Modelling Competition in the Youth Festival of GU. 3. Mr Debajit Rabha, Miss Hiramoni Das and Miss Kabita Jain secured 1st class in Botany major with Distinction in B.Sc. Final Examination, 2009 under Gauhati University. 4. Ten Rangers appeared in the 4th State Level Rover/ Ranger Nipun Test from 15th to 19th November 2009 and become successful.
	<ol style="list-style-type: none"> 1. Miss Beauty Roy, Best Actress, Inter College Youth Festival, GU. 2. Six (6) NSS Volunteers participated in the National

2010-11	<p>Youth Festival from 8th to 12th January 2010 at Bhubaneswar, Orissa.</p> <ol style="list-style-type: none"> 3. Six Rangers participated at State Level Rover Ranger meet at STC, Bharat Scouts & Guides Assam Chamatapather from 29th Oct to 2nd November, 2010 and grabbed 11 prizes in various events viz. Rongolee, Skill-O-Rama, Social service and exhibition. Miss Jyoti Prabha Adhikary selected as “Best Ranger” in the meet. 4. Miss Jyoti Prabha Adhikary selected as “Best Ranger” in the meet at State Level Rover Ranger meet at STC, Bharat Scouts & Guides Assam, Chamatapather from 29th Oct to 2nd November, 2010. 5. The Amritprabha Ranger Team of the College won 11 Nos. Prizes in the State Level Rover/ RangerMeet 2010. Miss Jyotiprabha Adhikary was selected as Best Ranger in the said events. 6. Mr. Jiten Rabha, Miss Bhagyashree Bora and Mr. Tapas Benarjee obtained 1st class in Geography major in B.A. examination of Gauhati University, 2010.
2011-12	<ol style="list-style-type: none"> 1. The NSS Volunteers participated in the National Integration Camp from 23rd to 29th May 2011 at Puducherry. 2. Miss Beauti Roy secured the “Best Actress Award” in the Inter College Drama Competition, 2011 organized by Don Bosco Engineering College, Guwahati. 3. Sri Babul Koibarta owned the best Borgeet singer award in the Youth Festival at GU. 4. Sri Mrinal Boro owned the 2nd prize in musical instrument in the Youth Festival at GU. 5. Miss Junmoni Das owned the 2nd prize in Parbhoti Prashad Boruah Geet in the Youth Festival at GU. 6. Sri Mrinal Boro <i>at el</i> owned the 3rd prize in Folk musical instrument in the Youth Festival at GU. 7. Sri Mrinal Boro <i>at el</i> owned the 3rd prize in Chorus singing in the Youth Festival at GU.

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?

- Each year student feed back form is provided to the students. The collected form is analyzed by Internal Quality Assurance Cell, and measures are taken accordingly. In addition to that the Grievance Redressal Cell looks after various grievances of both the employees and student.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, collage magazine and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- Every year **Jawaharjyoti**” the annual magazine of the college is published through which students’ are encouraged to develop their writing skills. The teacher guide helps the students regarding its publication. During Freshmen

Social, most of the departments publish their Wall Magazine annually. The following list comprises the list of the publication.

Table 5(g): Jawaharjyoti, the Annual College Magazine.

Year of Publication	Volume No	Editor
2008 – 1009	XXXI	Dhanmani Boro
2009 – 1010	XXXII	Nitumoni Talukdar
2010 – 1011	XXXIII	Ansuma Khungur Khakhlary
2011 – 1012	XXXIV	Amar Jyoti Swargiary

Table 5(h): Wall Magazine of Departments and Cells:

Serial No	Department	Name of the Wall Magazine
1	Chemistry	Alchemia
2	Physics	Physica
3	Zoology	Bihangam
4	Botany	Bodhidrum
5	Anthropology	Evolution
6	Mathematics	Pramiti
7	Economics	Welfare
8	Education	Echo
9	English	Chorus
10	Political Science	Lyceum
11	Geography	Geography
12	Scout & Guide	Mirror
13	College Wall Magazine	Jawaharjyoti
14	Ex-students wall magazine	Dokmokali

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

- The college has a Student Union elected democratically every year through Students Union election. Student union organizes college week, freshman social, social service programme etc. The Union is governed and works by a written constitution. The funding of the Union is provided through the fund collected during admission.

The excerpt of the constitution of the Student Union:

Objective: The objective of the constitution is to ensure that the students are restrained from petty political and divisive communal issue, so that they can develop in educational, cultural, ethical, physical and mental aspects; and progress in every aspect to lead a fulfilled and disciplined life.

Various Articles: it has 22 articles regarding the construction and function of the Union. The Fourth article states that the final referee regarding election,

administration and finance will be the Principal who is also the permanent President of the Union Body. All other members are elected for one year only. The article states that various department like Sport, magazine etc will be supervise by one teacher nominated by the principal. The article 8 states that the executive Council of the Union will consist of 21 members including 12 elected student members and nine teacher advisors. The article ten states that the final year students can't participate in the Election to the Student Union. The article fourteen states that the General Secretary call a meeting of the Council if the president demand or one fourth of the members of the Union wishes. The constitution can be amended if supported by three fourth members; which must be finalized by the principal.

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

- The Student Union is represented by the General Secretary of the union in the Internal Quality Assurance Cell. Besides in the Examination Committee and Admission also take help of the Student Union if necessary.

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

- The college has an Alumni Association which contacts former students and faculty. It holds annual meet among its members.

Any other relevant information regarding Student Support and Progression which the college would like to include.

Alumni of the fringe village Jarapara along with some alumni employed in our institute are shown bellow:

Table 5(i): List of Alumni

Sl. nos	Name	Organization
1	Amal Rabha	LDA, J N College, Boko
2	Sarbeswar Rabha	J E, P W D, Govt. of Assam
3	Lalit Rabha	Teacher
4	Biman Rabha	Min. of Home Affair
5	Manoranjan Rabha	Teacher
6	Purna Rabha	SBI
7	Amila Rabha	
8	Ranjit Rabha	
9	Sunil Rabha	
10	Ranit Rabha	
11	Anjana Rabha	
12	Patali Rabha	Teacher
13	Sumit Rabha	
14	Sunil Rabha	
15	Pulin Rabha	
16	Paresh Rabha	BSF
17	Chilaray Rabha	
18	Ajay Rabha	CRPF
19	Akhil Rabha	LDA
20	Hiramoni Rabha	Nurse
21	Runumi Rabha	Nurse
22	Pranab Rabha	Air Port Service
23	Rohit Rabha	BSF

24	Kanuram Rabha	CRPF
25	Bapukan Rabha	
26	Hemani Rabha	Teacher
27	Renuka Rabha	
28	Tilottama Rabha	Teacher
29	Gaurima Rabha	
30	Nitul Jyoti Rabha	BN
31	Pulakjyoti Rabha	
32	Anupama Rabha	
33	Nikhamoni Rabha	
34	Indira Rabha	
35	Utpal Rabha	LDA
36	Monorama Rabha	
37	Sunu Rabha	
38	Nirmali Rabha	
39	Sailen Rabha	
40	Ritamoni Rabha	
41	Barasha Rabha	
42	Laba Kumer Rabha	LDA
43	Chandra Devi Rabha	Teacher
44	Pallabi Rabha	
45	Bipindra Rabha	
46	Urbashi Rabha	
47	Rupjyoti Rabha	LDA
48	Krishna Rabha	
49	Pranjal Rabha	
50	Jitendra Rabha	
51	Mallika Rabha	
52	Barnali Rabha	
53	Padmini Rabha	
54	Muna Rabha	
55	Gitika Rabha	
56	Kangkan Rabha	
57	Jitumoni Rabha	
58	Jaybhadra Rabha	
59	Manjit Rabha	
60	Minaskhi Rabha	
61	Nayanjyoti Rabha	
62	Sadananda Rabha	Bearer
63	Mallika Rabha	
64	Rima Rabha	BPM
65	Ruma Rabha	
66	Pankaj Rabha	
67	Mantu Rabha	
68	Rajari Rabha	Army
69	Bisnu Daimary	MPW
70	Dipjyoti Roy	Teacher
71	Tridip Roy	Teacher
72	Mitali Boro	B Sc Nurse (Army)
73	Jagadish Kalita	Pharmacist
74	Ramen Thakuria	Pharmacist
75	Sunanda Das	Pharmacist
76	Hiren Thakuria	Pharmacist
77	Lalit Chandra Rabha	Asst Prof, JN College, Boko
78	Kshirod Thakuria	Asst Prof, JN College, Boko
79	Kamaleshwar Thakuria	Asst Prof, JN College, Boko

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 set a hallmark in the field of education and to preserve, create and disseminate, knowledge through teaching, learning, innovation and experimentation, thus clinching new vistas of opportunities for the generations to come so that they may achieve, self-sufficiency and it may impart in them, faithfully and comprehensively, the accumulated conscience of modern human civilization in terms of cultural, scientific and technological experiences, thereby ensuring courage and determination in them to face the changing scenarios of the socio economical situation creating responsible individuals leading a responsible society to contribute to the advancement of the region, the state and the nation as a whole and thus identifying a collaboration with the ever sought desire for knowledge and progress of the human race.

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

- The Governing Body (G. B.) of the college is the sole management body. The governing body consists of the president (nominated by DHE), the secretary (generally the principal), the vice-principal (co-opted member), university nominees (one member for academic purposes and the other for financial matter), two teacher representatives, one non teaching staff representative, three Parent-guardian representatives (two male, one female) and a donor member. The governing body represents all the stake holders of the college. All the policies and plans to ensure quality are designed by the governing body unanimously on the basis of need and merits of the college. The policies are implemented by the principal with the help of sub committees approved by the G.B. The sub committees (usually from faculty members) are appointed by the G.B. on the basis of expertise.

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 in ensuring policy statements and action plans for the fulfillment of the mission of the college is formulated and developed by the G. B in the form of different improved mission, specific policies and action plans considering needs and inputs suggested by the different stakeholders. The policies are implemented by the Principal with the help of different sub-committees which are formed and approved by the G. B. The sub-committees are headed by the Principal of the college with other members from teaching and non teaching staff as well as experts from different concerned stakeholders. Sub-committees are looked after and supervised by the members of the top management. Increasing involvement of the management in the teaching learning process is reflected in the continuous improvement of the various facilities introduced in the college for enhancement of the quality of teaching learning processes. The college management has already provided smart class facilities etc for betterment of teaching learning process. The college has also exhibit its leadership in providing infrastructure facilities in games and sports and also regularly sending students in different State and National level competition (Section 5.3.2). For instance constructed a mini stadium which is donated by Rabha Hasong Autonomous Council in the year 2008-09, Swimming Pool and an Indoor Stadium granted by UGC under Merced Scheme in the year 2009. The college has great cultural heritage. The cultural heritage of the college is reinforced under the leadership of J.N. College Cultural Unit. The locality of the college is dominated by tribal cultural heritage mainly dominated by Rabha, Bodo, Hajong, Garo besides Assamese and Nepali culture, and organizing and participated in different cultural competition (Section 5.3.2). The college has also established a Women's Cell in the year 2002 for the empowerment of the girl students and abounding tribal women of the locality [Annexure -6(a)]. The college has also different Cells and Units, the list of which is mentioned below and performing different activities in the organizational change.

- ❖ Grievance and Redressal Committee
- ❖ RTI Cell
- ❖ Teachers' Unit
- ❖ Employees' Union
- ❖ Womens' Cell
- ❖ Students' Union
- ❖ NSS Unit
- ❖ Scout and Guide
- ❖ J.N. College Science Forum
- ❖ Information and Career Guidance Cell (ICGC)

- ❖ J.N. College Cultural Unit
- ❖ J.N. College Anthropological Society
- ❖ J.N. College Political Science Forum
- ❖ Aryabhatta Science Centre

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?

- The policies and plans that designed by the GB are effectively implemented by the principal of the college with the help of sub committees approved by the G.B. The sub-committees are headed either by the President of the GB or by the Principal of the college with other members from head of the departments, teaching and non teaching staff as well as experts from different concerned stakeholders. Sub-committees are looked after and supervised by the members of the top management. The selection of the member of the sub committees are made by the G.B. on the basis of their expertise. For instance, the construction committee, purchasing committee etc. and the policies and plans are finally monitored and evaluated by the GB.

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

- The college management fully encourages and supports the faculty members towards involvement in various activities of academic leadership. The Faculty Improvement Programme (FIP) which is provided and funded by UGC is well implemented for the advancement of the faculty member of the college. Career advancement programme viz. Orientation Course, Refresher Course and Short Term Course of different Academic Staff Colleges throughout the country is regularly attended and participated by the faculty member of the college. The college has also organizing seminar and workshop for the development of the faculty member along with the student community. However, the faculty member of the college has been participating in different seminar, conference, workshop etc. at national and international level.

6.1.6 How does the college groom leadership at various levels?

- The college has been continuously appreciating and providing facilities including infrastructure, academic atmosphere etc. in grooming leadership among the faculty members, non teaching staff as well as within the student community. During the last few years twelve numbers of faculty members have been awarded Ph. D. degree and they have continuing their research activities in their own fields besides publishing papers in different national and international

research journal with varying impact factor (Section 3.4.3). Also six numbers of faculty members have got M. Phil degree during this period. Non teaching staff has also developed their professional skill and expertise in accounts, office maintenance, computer skill development etc. through various programmes and courses conducted by Academic Staff College, Gauhati University funded by UGC. The principal of the college has developing his personal management and administrative skill by attending different workshop. The students of the college have also been grooming at various level through NSS, Scout and Guide, games and sports at state and national level (Section 3.6.4).

6.1.7 How does the college delegate authority and provide operational autonomy to the departments/ unit of the institution and work towards decentralized governance system?

- The college has decentralized management and administrative governance system on which the departments and different units/cell/sub-committees have operational autonomy (Section 6.1.4). The departments have academic autonomy in respect of conducting departmental seminar, academic field trip, unit test etc. besides routine college activities. All heads of the departments are the part of college management and administration. However, the vice principal is the academic head and co-opted member of the G.B. The college has different units/cell/sub-committees (Section 6.1.3 & 6.2.3) for enactment of various activities of which the members are selected democratically. All the executive bodies are formed democratically, discuss relevant issues under its own jurisdiction and resolved independently. Members of both teaching and non teaching or student community from various departments/section may raise their individual opinion/grievance which is conveyed to the administration for settlement.

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

- The college has the culture of participative management system from its inception. Before deficit system and provincialization by the Government of Assam the college was managed and run by the peoples of the localities. The sole members of the present management system (G.B.) are also selected from the peoples of the locality in terms of Donner member, Parent- guardian member etc. (See Section 6.1.2). Besides, the college regularly organized parent-guardian meeting, alumni meeting, student union meeting to discuss and take suggestions and opinions against the key problems of the college.

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?

- Following are the formally stated quality policy which is developed by the IQAC to fulfill the mission and vision of the college. The policies were designed and developed on the basis of cater to the needs of the college and suggestion from the different stakeholders were also considered. The policies which are developed by the IQAC were reviewed and deployed by the governing body of the college.
 1. To developed infrastructure facilities in the college which includes academic, games & sports, research & development, sanitation system, drinking water facilities, development of library with online facility.
 2. To enhance teaching learning processes to impart quality education.
 3. To empower professional skill of the teaching and non teaching staff.
 4. To developed R&D and consultancy.
 5. To introduce career oriented courses along with new subjects.
 6. To extend extension service to the stakeholders and the society.
 7. To impart training on games & sports for the students.
 8. To impart training on cultural heritage.

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

- The urgent needs of the college envisage infrastructural development in the college as the perspective plan.

6.2.3 Describe the internal organizational structure and decision making processes.

- The college has well organized internal organizational setup. Apart from GB and IQAC the college has 15 nos. well organized bodies to efficiently work out all the academic, administrative and financial activities of the college. Like other provincialized colleges of Assam, as per guidelines of Assam Provincialized College Management Act, 2006 the institution has also Governing Body which is empowered to intervene with necessary action in the internal management of the college. The GB having the Principal as its secretary is the sole authority to implement all major decisions concerning financial, administrative and academic activities of the college. The academic, administrative and other organizational bodies are enlisted below.

1. Governing Body
2. IQAC
3. Grievance and Redressal Committee
4. RTI Cell
5. Construction Committee
6. Purchasing Committee
7. Teachers' Unit

8. Employees' Union
9. Womens' Cell
10. Admission Committee
11. Prospectus Committee
12. Examination Committee
13. Examination Center Committee
14. Academic Council
15. Library Committee
16. Students' Union
17. Election Committee

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

- The quality improvement strategies of the college are developed and look after by the IQA Cell of the college along with the college authority.
- Teaching & Learning
Apart from the traditional system of teaching learning the college has developed facilities like e-class, power point presentation through projectors, over head projector, departmental seminar, group discussion, home assignment, field visit and visit to higher institutions like IIT Guwahati, College of Veterinary Science, Institute of Plasma Physics Sonapur, Gauhati University etc. to provide exposure to the student community of the college.
- Research & Development
The college has been trying its best for the development of research and development during this period which is explained very well in the section 6.1.5 & 6.1.6.
- Community engagement
The community of the locality has been engaged by the college in the form of alumni, parent/guardian etc. for the development of the college and it is well explained in the section 6.1.8.
- Human resource management
The college has decentralized management system and provides operational autonomy to the human resources of the college (Section 6.1.7).
- Industry interaction
The college has no direct interaction with the industry. But few awareness and motivation training programmes towards entrepreneurship have been conducted through Information and Career

Guidance Cell (ICGC) of the college by different external agencies (Section 5.1.4).

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 college is transparent in all respect of its activities and opens to all kinds of information, and the head of the institution ensures adequate information for the top management, stakeholders etc. by following different means.
 - (i) The college has comprehensive and up to date database and information to access in the college website i.e. www.jncollegeboko.com for management, stakeholders etc.
 - (ii) The college has also well setup effective RTI Cell which was established in the year 2009 with a nodal officer and it has been well operated and executed. All together nine numbers of RTI queries have been received by the authority of the college and all the required information and data were prepared and send to the concerned persons within the stipulated time [Annexure-6(b)].
 - (iii) The college also provides information of all kinds through application.
 - (iv) Besides all these above mentioned means the college is providing academic information through Prospectus and Magazine.

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 college management has always been encouraging and supporting involvement of the staff in improving the effectiveness and efficiency in the institutional processes. So many college activities instance the process. For example at the time of college election of students' union, at the time of conducting internal and routine examination etc. the teaching and non teaching staff of the college take all kinds of care and sincerity. Even then the staff involve at the time of preparing any kinds college documents, and developing policy and at the time of their implementation when ever required from the part of the management besides normal duties and responsibilities of the staff.

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

- In the session 2012-13 there were six meeting of G.B. and forty three (43) numbers of resolutions were resolved in different aspects of the college mainly on construction, approval of expenditure, promotion of teaching and non teaching staff, appointment of Librarian, appointment of contractual teaching and non teaching staff, service regularization of teaching staff, utilization of Government grants, resolution against unauthorized absent of one faculty member of Chemistry department, permission to Chhamaria Anchalik College, leave approval, advertisement of faculty in the Department of History, proposal for solar energy installation, approval of vice principal, condolence regarding in service death of a faculty member, mater regarding NAAC visit, meager enhancement of fee structure, annual audit report of the college, placement of audit report, introduction of Career Oriented Programme (COP), introduction of new subject viz. Computer Science and Statistics, NOC for Ph.D. etc. All the above mentioned resolutions have been well implemented. Apart from these G.B. meeting and resolutions there are twenty six resolutions have been resolved by three G.B. meeting till today. Among them main issues are Golden Jubilee of the College, appointment of faculty in the department of History and Political Science etc.

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?

- The university has no provision for providing autonomy to the affiliated colleges/institutions. Hence, question does not arise to make any effort for autonomy.

6.2.9 How does the Institution ensure that grievances/ complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

- The college has also well setup effective grievance - redressal Cell which was established in the year 2003 with a four members including principal of the college against the grievance/ complaints for the stakeholders. The cell comprises of the principal, vice-principal and any three senior HOD selected by the principal. Complains are applied in prescribed format which was developed by the cell. The grievances and complaints are to be put in the complaint box and within seven working days justice has been given to the stakeholders (Section 5.1.10).

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?

- There is no any court case against the college during the last four years.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

- The college has effective mechanism and management system for analyzing feedback from the part of the students. The major outcome of the student feedback is as follows.
 1. Renovation of girls' common room
 2. Installation of drinking water facility
 3. Renovation of sanitary system
 4. Up-gradation of facilities of library
 5. Provide sports facility in the girls common room
 6. Renovation of infrastructure facility for games and sports
 7. Development of cycle and bike stand.

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?

- The college has made very meager efforts to enhance the professional development of its own for the teaching staff and non teaching staff. The college encourages for the courses and programmes funded by UGC and other organization (Section-6.1.6) and continuously appreciating for FIP, conducting research activities (Major & Minor Research Project), organizing national seminar etc. The institution has organized a National Seminar on *Wetland and Livelihood* in the year 2008 and another National Seminar *Sankardev: His Literature, Culture and Philosophy* on 30th November, 2011. The department of Geography (in collaboration with Chhaygaon College) also organized a National Seminar on *Forest Resources of Assam, Depletion, Regeneration, and Challenges of Conservation* on 6th & 7th November 2013 and a Short Term Training programme under Bio-Tech Hub on *Biological Instrumentation* from 30th June to 2nd July, 2010 where the faculty members of the college along with other teachers of various institution have got exposure and scope to enhance their professional knowledge. One Computer training programme for non teaching staff was organized by the college in the year 2011 to develop computer skill among the member of non teaching staff. The Institution also made efforts and send non teaching staff to participate in the professional skill development programmes which is organized by UGC Academic Staff College, Gauhati University.

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?

- The college has been appreciating and motivating the faculty members for academic and research development. The four numbers teachers had attended O.C, twenty six numbers RC and eleven STC while twelve numbers teachers had completed Ph. D, six numbers M. Phil and three numbers have also been doing their research work for the degree of Ph. D. in indifferent Universities. Altogether three numbers minor research projects and two number major research projects completed and three numbers ongoing projects from the different funding agencies mainly from UGC, DST, DAE-BRNS etc. of the faculty members is indicative of a strong academic and research strategies of the college. However, junior faculty members have been providing training under senior teachers for the involvement in the corporate life of the college like examination work, election work and admission processes etc. ICGC of the college has also providing leadership in empowering the faculty members of the college (Section 6.1.6).
- 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.
- The head of the Institution evaluates and ensures the performance appraisal of the staff on the basis of prescribe format supplied by Director of Higher Education of Govt. Of Assam. Besides, the principal of the college have collected and analyzed feedback from the stakeholders mainly from student communities to strengthen and ensure better performance of the staff. Further college has decided to take performance appraisal on the basis of Academic Performance Indicator (API) under PBA System as adopted by UGC.
- 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?
- The college authority analyses the appraisal of each staff of the college every year. The drawback of appraisal is discussed and suggestions are provided by the principal at individual level in the presence of vice-principal and head of the department. The major drawbacks are forwarded to the GB of the college for consideration.
- 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?
- The college has very limited scope of welfare scheme for the teaching and non teaching staff. There is welfare and saving fund viz. *J. N. College Employee Mutual Aid Fund (JNCEMAF)* constituted by the staff of the college where every member of the college contributed on monthly basis. Almost all members have been availing the loan facility at a meager rate of interest. The welfare fund financial aid during the

time of emergency of the staff like accident, disease, death of family member etc. There is a day care centre for children of the staff of the college which was funded by UGC.

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

- The college has been creating infrastructural facilities including well equipped laboratories like Bio-Tech Hub, Language Lab, Indoor stadium, swimming pool etc. for attracting and retaining good faculty.

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?

- The college has effective and efficient monitoring mechanism for the use of available financial resources. The college has GB approved different sub committees with expert from the concerned field like purchase committee, construction committee etc. through college monitor all the activities regarding financial resources (Section 6.1.4).

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- The internal audit of the college is looking after by the governing body (GB) of the college annually. The GB generally appointed competent internal auditor and the annual audit report placed in the GB meeting for consideration. The external audit of the college is audited by the government agency, Directorate of Audit (LF), Govt. of Assam. The internal audit was carried out up to the year 2009-2010 which is approved by the GB having no any objection while external audit is completed up to 2011-12, yet the final audited report is not received by the authority of the college. Audited reports will be made available at time of inspection by the NAAC Peer team.

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.

- The major sources of institutional receipts/funding of the college are fees collected from students, UGC grants in different heads, MLA/MP fund, state government grants, over head amounts from major research project etc. The following table indicates the cumulative income and expenditure statement of the college for the last four years.

Table 6(a): Cumulative Income and Expenditure statement

Year	Income (Rs. in lakh)	Expenditure (Rs. in lakh)	Deficit/ Surplus (Rs. in lakh)
2011-12	206.02577	74.41848	131.60729
2010-11	166.35486	89.44369	76.91117
2009-10	327.34374	215.97218	111.37156
2008-09	223.84464	221.97213	1.87251

As evident from the audit report the college has no deficit to manage. An amount of rupees 1.6 lakhs has fixed deposit as reserve fund of the college.

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

- Time to time the college has been made effort for acquiring additional funding in different funding agencies. During the last four years a good numbers of proposal/projects were applied for seeking additional fund. A mini stadium was applied in Rabha Hasong Autonomous Council (RHAC) which was already implemented and completed. An indoor stadium and a swimming pool were granted by UGC and they are in the implementing stage. Several proposals on construction of a science building, water supply, boundary wall of the campus etc. are applied to the Government of Assam. Other proposals have been sent to IPDP, RHAC etc. for the construction of Principal's quarter, Boys' Hostel, Extension of Administrative Building etc.

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?
- The institution has an IQAC which is established in the year of 2006 for quality assurance of the college. Following are the year-wise policies developed by the cell.

2005-06 & 06-07

1. Introduction and functioning of New Courses:

The College has emphasize on opening of new courses under convergence scheme of Open Universities and the

process is on to get permissions from Universities like IGNOU and others.

2. Infrastructure Development:
 - i) Development of the Reading Room in Library.
 - ii) Development of classrooms.
 - iii) Laboratories augmentation.
3. Student Support Progression:
 - i) Remedial courses for the Students of SC, ST, Minority and economically weaker sections.
 - ii) Special Coaching of Games and Sports for Students.
4. Healthy Practice:
 - i) Youth Leadership Training Programmes under NSS and Rover and Ranger.
 - ii) Health and Sanitation Awareness programmes through NSS, Rover & Ranger and different Cells of the College.
5. Organization and Management:
 - i) Computer Training for Teaching and Non - Teaching Staff of the College.
 - ii) Active consideration for the Computerization of the college administrations.

2007- 08

1. Introduction of new courses:
CIC, PGDCA, BCA, MBA, MCA, MPA, PGDDE, PGDHE, PGDRD, PGDDM, PGDESD, CHR under IGNOU, KKH State Open University and IDOL (GU).
2. Infrastructure Development:
 - a) Construction of women Hostel (with U.G.C. Fund)
 - b) Up gradation and Augmentation of Laboratory (both equipments and building)
 - c) Incorporation of more books in the Library.
3. Students Supports progression:
 - a) Remedial course for the student of S.C., S.T., Minority and economically weaker Students.
 - b) Special coaching of games and sports for students.
 - c) Library Open Access System.

- d) Conductions of more departmental seminars.
- 4. Organization and Management:
 - a) Computerization of Admission.
 - b) Computer training for Teaching Non- Teaching staff.
 - c) Awareness to Faculty Members for more research oriented activities

2008- 09

- 1. Infrastructure Development:
 - a. Laying of foundation of Mini Stadium.
 - b. Construction of New Administrative Building.
 - c. Inclusion of more Books and Journals.
 - d. Development of classrooms.
 - e. Construction of Girls Hostel.
- 2. Student Support Progression:
 - a. Remedial courses for the Students of SC, ST, Minority and economically weaker students.
 - b. Special Coaching of Games and Sports for Students.
 - c. Holding a Book Fair in collaboration with an N.G.O.
- 3. Healthy Practice:
 - a. Youth Leadership Training Programme under NSS and Rover and Ranger.
 - b. Disaster Management Awareness Programme.
- 4. Organization and Management:
 - a. Computerization of Administration.
 - b. Computer Training for Teaching and Non Teaching Staff.

2009- 10

- 1. Infrastructure Development:
 - a) Construction of the 1st floor of the Girl's Hostel.
 - b) Construction of the New Library building.
 - c) Classroom Development and extension of a portico in the main building.
 - d) Construction of Biotech Hub.
 - e) Construction of GIS Laboratory.
- 2. Student's Support Progression:
 - a) Remedial courses for the Students of SC, ST, Minority and economically weaker students.
 - b) Special Coaching of Games and Sports for Students.

- c) Holding of a Book Fair in collaboration with an N.G.O in the college campus.
- d) Organization of a free Health Check up Camp for the students and local people.
- e) Construction of a Swimming pool and an Indoor Stadium under infrastructure development scheme to enhance sport facility.

3. Healthy Practice:

- a) Youth Leadership Training Programme under NSS and Rover and Ranger.
- b) Organization of a Blood Donation camp in collaboration with Sikh Regiment of Indian Army (Red Horn Division).
- c) Disaster Management awareness programme.

4. Organization and Management:

- a) Computerization of Administration.
- b) Mass computer literacy Training for Teaching and Non Teaching Staff.

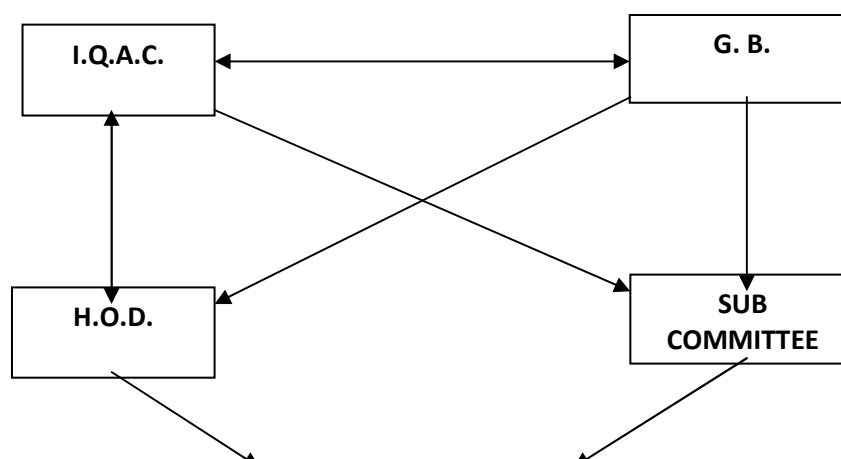
2010- 11

The plan of action chalked out by the IQAC in the beginning of the academic year 2010-11 are as follows-

- ❖ Extension of Girl's Hostel.
- ❖ Completion of Network Resource Centre.
- ❖ Completion of the New Library building.
- ❖ Completion of GIS Laboratory.
- ❖ Setting up one Weather Station.
- ❖ Construction of Day Care Home.
- ❖ Organization of a Blood Donation Camp.
- ❖ Construction of Language Laboratory.
- ❖ Youth Leadership Training Programme under NSS and Rover and Ranger.
- ❖ Computerization of College Accounts.
- ❖ Up-gradation of Library.
- ❖ Construction of a State of the Art Seminar Hall cum Smart Class Room.
- ❖ Introduction of Certificate Course in Computer Application.
- ❖ Extension of Computer and Internet Facility to the Department.
- ❖ Community Service.
- ❖ Organization of Seminar/ Workshop/ Training etc.
- ❖ Organized Career Counseling Programme.

❖ Extension of Pure Drinking Water facility in the College Campus

- B. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?
- The management approved all the policies developed by the IQAC of the college for the years 2005-06, 2006-07, 2007-08, 2008-09, 2009-10 and all are implemented except the policy which was developed for introduction of new courses in the year 2005-06 & 06-07 and 2007-08. The convergence scheme of IGNOU was totally withdrawn from the university.
- C. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.
- The IQAC of the college has external members on its committee and they generally take part in the various discussions.
- D. How do students and alumni contribute to the effective functioning of the IQAC?
- The feedbacks from the student and alumni are considered at the time of policy development by the IQAC for the effective functioning.
- E. How does the IQAC communicate and engage staff from different constituents of the institution?
- The IQAC of the college physically communicated with the staff and engage them through different sub committees as mentioned in the section 6.2.3.
 -
- 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 institution has following integrated framework for Quality assurance regarding academic and administrative activities of the college.



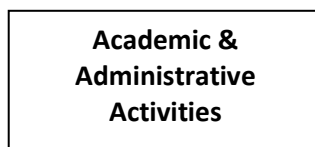


Fig: Academic & Administrative Framework.

- 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.
- Though the college has no such type of training programme regarding quality assurance the college maintain its quality by the above mentioned framework.
- 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?
- The college has internal academic audit system of its own. The principal of the college convene academic council meeting at the end of every academic session where academic matters related to teaching learning and evaluations are discussed. Important proceedings are sending to IQAC and college GB for necessary remedies. Results and related statistics are annually published in the college magazine where pictures of the academic audit are properly reflected.
- 6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?
- The college has no any kind of alignment with the requirements of relevant external quality assurance with the other agencies/regulatory authorities.
- 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 structure, methodologies of operation of the institutional mechanism for continuous review and evaluation of teaching and learning process of the college is described in the Criteria- 2 in details.
- 6.5.7 How does the institution communicate its quality assurance policies mechanisms and outcomes to the various internal and external stakeholders?
- The mechanism of quality assurance policies and outcome of the college communicate with the various internal and external stakeholders as described in the section 6.2.5. Besides college authority

discusses about outcome of the quality assurance policies with the parent-guardian and alumni of the college.

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

Annexure: 6 (a)
Activities of Women's Cell

Year	Event	Date	Resource person/organisation/collaboration	Participants	Remarks
2008	'Gita Chetana Yatra', a lecture on Value Education	27-08-08	Guwahati and Boko chapters of the Kasturba Gandhi Memorial Ashram	Students and faculty members	
	seminar on 'Women's Rights and its Impact on the Society and Feminism'	06.12.08	Mr. Brajen Talukdar, (Advocate, Gauhati High Court) and Mrs. Deepika Sarma, Sr. Lecturer, Rangia College	Students and faculty members	
2009	Free Health Check-up camp	25-11-09	CHC, BOKO/IQAC	Villagers of nearby areas and faculty members	
2010	Celebration of 47th Foundation day of college	3.8.2010	College	All stakeholders of the college	
	Yoga Training Camp	10.12.10 to 13.12.10	Mr. N.K. Adhikari, Mr. Keshav Kalita and Mr. Binod Sarma/ Boko Branch, Patanjali Yoga Kendra	Students and faculty members	
2011	Formal Publication of constitution	June 2011	Drafted by: Mrs. M. Sarma, faculty member		
2012	Publication of 'Prerona', biennial magazine of Women's Cell	January 2012	Faculty Members of College		
	Felicitation of Rank-holders in last academic session	3.8.2013	students		
	Associated to form GCASH of	1.2.2013	Noted locals persons women's		

2013	J.N.College		cell,college authority ,faculty		
	Collaborated to organize self-defence skills prog	12.2.2013	Usha rani Boro,National Wushu Player	College Students	
2013	International women's Day observed;essay competition,felicitati on of distinguished persons,painting exhibition	2.3.2013	Mrs.B.Devi, Mrs.K.K.Boro, Ms.P.Pal	Students ,college authoriti es, faculty member s and local People.	
	Career counseling program	3.5.2013	Mr.P.Sarma,(IIE),Dr (Mrs)P.Vauquiline(GU)/ICGC,J.N.Coll ege	Students	
	Interaction program on UGC guidelines on women's studies	3.5.2013	Dr(Mrs).P.Vaquiline (GU)	Teachin g Faculty	
	Collaborated to organize self-defence skills prog	12.2.2013	Usha rani Boro,National Wushu Player	College Students	
	International women's Day observed;essay competition,felicitati on of distinguished persons,painting exhibition etc	8.3.2013	Mrs.B.Devi, Mrs.K.K.Boro,Ms.P. Pal	Students ,college authoriti es,facult y member s and local People.	
	Career counseling program	3.5.13	Mr.P.Sarma,(IIE), Dr(Mrs) P.Vauquiline (GU)/ICGC, J.N.College	Students	
	Interaction program on UGC guidelines on women's studies	3.5.2013	Dr(Mrs).P.Vaquiline (GU)	Teachin g Faculty	
	Assist research scholars in organising Focus Group Discussion on childlessness project among the villagers near Boko	26.11.13	Ms.A.Arvidsson and Ms.Sarah Pederson Uppsala University,Sweden and , W.S.Dept.(GU)	Focus groups of Villager s and students	

Annexure 6(b)
Activities of RTI Cell

Sl No	Date	Name of the applicant	Matter regarding on which information was sought	Remarks
1	10/03/10	Jaidev Das Amtola Kaiborta Gaon, Kukurmara- 781134	Name of the employees under ST category	Information Send
2	14/06/10	Case related of Avinash Malhotra vs Union of India	Facility of fire safety in school & colleges	Information Send
3	01/11/10	Dharmeswar Baishya Bauripara Nalbari	Name of the employees with qualification and percentage of marks	Information Send
4	13/12/10	Khireswar Borah Arya Veedyapeeth College	Number, Name, Department of Associate Professors with Date of joining	Information Send
5	13/12/10	Khireswar Borah Arya Veedyapeeth College	Name & number of Associate Professor who had obtained after 31/12/2006	Information Send
6	31/12/10	Binita Lahkar Student, TDC 3 rd year J N College, Boko	Status of M Khan, Lecturer, Chemistry Department, J N College	Information Send
7	05/06/12	A J Sheihk Luluka, Dibrugarh	Details of Swimming Pool	Information Send
8	17/06/13	Juli Thakuria Guwahati	Appoinment of Librarian	Information Send
9	08/08/13	Juli Thakuria Guwahati	Appoiment of Librarian	Information Send

CRITERIA VII INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness:

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

- The department of Botany conducts green audit of the campus annually. There are more than 50 plant species available in our college campus. Out of which a considerable number of Sal trees including few medicinal plants are economically important. Moreover, the college family has been trying to create awareness about environment through different Cells, like Science Forum, Rover-Ranger team, NSS, Women Forum etc.

7.1.2 What is the initiative taken by the college to make the campus eco-friendly?

(i) Energy conservation:

- As an initiative of energy conservation strategy, the Physics department has installed solar power system in their departmental activities. The college also replaced all electric bulbs by CFL bulbs to minimize the power consumption.

(ii) Use of renewable energy:

- Installation of a 35 KVA solar power system is under process. The proposal through state agency was sent to the Ministry of New and Renewable Energy, Govt. of India for approval under subsidized scheme for North Eastern Region.

(iii) Water harvesting:

- Regarding water harvesting no such programme is undertaken.

(iv) Check dam construction:

- Not applicable.

(v) Efforts for Carbon neutrality:

- Fortunately the college is situated in a beautiful rural area surrounded by natural Sal forest. The college campus is also rich in plant diversity and hence the amount of carbon is naturally low in the campus. Still to create awareness generation among the student every year World Environment Day has been celebrated. The college also encourages our students to use bicycle and public carriers to minimize the carbon emission.

(vi) Plantation:

- Tree plantation programme is undertaken every year in the college on the occasion of World Environment Day, College Foundation Day etc.

(vii) Hazardous waste management:

- For the hazardous waste management, sufficient provisions are provided by the college management in terms of providing Waste bins, burning of waste time to time

(viii) e-waste management:

- As a part of e-waste management the college has been encouraging the use of rechargeable batteries. Other e-waste products are stored in an isolated safe place and these are disposed off with the help of expert recycling parties as and when required.

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.

- Some innovative steps implemented in the college are –
 - i) Well equipped conference hall with interactive board, LCD projector etc to enable ICT in teaching and learning.
 - ii) Creation of a functional IQAC.
 - iii) Introduction of sessional examination, seminar, group discussion, field study, etc.,
 - iv) Installation of computer in all departments and internet facilities in some department
 - v) Award for advanced learners, free admission for economically backward students.
 - vi) Encouraging and financing interested and able students to participate in inter, intra- college/university and regional/national programmes.
 - vii) Introduction of an institutional Biotech Hub.
 - viii) Opening of a Tribal study centre.
 - ix) Introduction of Language laboratory.
 - x) Introduction of GIS laboratory.
 - xi) Introduction of two Career Oriented Courses under UGC.
 - xii) Self financing computer certificate course.
 - xiii) Promotion of Research activities among Faculty members.
 - xiv) Promotion of Undergraduate research/ field works.
 - xv) Installation of power generator for uninterrupted power supply.
 - xvi) Provision for sufficient purified drinking water.
 - xvii) Enhanced sport facilities(Out door stadium - completed, Indoor stadium and Swimming pool- under construction).

- xviii) Opening of study center of K K Handiqui State Open University.
- xix) Opening of study centers IDOL- the open learning institute under Gauhati University.
- xx) Introducing of Aryabhata Research Center under ASTEC , Assam to enhance the scientific awareness and research interest among the students and local community.
- xxi) Functioning of ICGC, Science Forum, Women Cell, Cultural Unit etc.

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:

- **Best Practice:**

1. Title of the Practice: Making the institution economically self sustained through resource utilization.
2. Goal: Considering the present economic scenario and policies adopted by department of Human Resource Development, it is the prime concern of the institutions to utilize their available resources up to optimum level for self sustenance. To meet this goal, our college has planned to utilize about fifty percent (Approximately 15 acre) of college's own land for commercial rubber plantation. As such a MOA has been signed with Central Rubber Board in the year 2010 and accordingly nursery development and plantation work has been started. It has been expected that from 10th years of plantation college will be able to generate rupees 15-20 lakhs annually from the cultivation. Along with, a vocational course on rubber cultivation and production related matters would be started for the students and nearby communities to encourage towards entrepreneurship development in rural areas.
3. The Context: The college has undertaken this practice to contribute towards green economy as well as to create an entrepreneurial environment in the college through exploration and utilization of own resources. The college provides the said land to the collaborating agency (Central Rubber board) for development of their nursery and in return the agency provides necessary assistances for development, plantation of the plot and other necessary technical assistance. At the time of designing the practice it was taken in to care of that the practice would be beneficial for the college and also be beneficial for development of skill personals and entrepreneur in the field of rubber cultivation through organization of time to time training and introduction of certificate course in Rubber nursery development, Rubber production etc. Though the practice was started in 2010 it will

take time to come in to full functioning as a resource generating unit as it is an agro based activities.

4. The Practice: Along with the site utilization and development the college with the consultation and assistance of Central Rubber Board has been organizing different awareness generation programmes and related seminar to motivate the students. Scientists, other officials of the board and concerned faculties of our college are engaged for framing the curriculum of related vocational courses. After successful implementation of this practice, it will make the institution almost financially sound by initiating a step towards green economy and at the same time will develop skill personals and entrepreneurs in the field of rubber based economy. We believe that this practice will be unique in higher education especially in the rural areas where there is a little scope of employment generation through industrial establishment.
5. Evidence of Success: As the concept and practice is very new, the evidence of success and out come is not yet evaluated.
6. Problems Encountered and Resources Required: Till date no problem from both the sides is encountered. After full implementation of the practice Man power, Equipments related to rubber tapping and collection, processing, Training manuals, trade related networking etc. will be required.

7. Contact Details:

Name of the Principal: Dr. Nripen Goswami

Name of the Institution: Jawaharlal Nehru College, Boko,
Kamrup, Assam.

PIN- 781123

Phone: 03623-217366

Mobile: 09706980187

Website: www.jncollegeboko.com

Email: abani_d@yahoo.in; rjitboko@yahoo.co.in

Evaluative Report of the Departments

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

01. Department of Anthropology

1. Name of the department : Anthropology
2. Year of Establishment : 1979
3. Names of Course offered : Undergraduate course in both Major and general study

4. Names of Interdisciplinary courses and the departments/units involved:

The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.

5. Annual/semester/choice based credit system (programme wise):

The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.

6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	00	00
Associate Professors	03	03
Asst. Professors	00	00

10. Faculty profile with name qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Sri Bhabesh Ch. Goswami	M.Sc.	Associate Professor	Physical Anthropology	33 years	
Dr. Joyshri Bhuyan	M.A	Associate Professor	Physical Anthropology	29 years	
Mrs. Binaya Devi	M.Sc.	Associate professor	Prehistory Archaeology	28 years	
Mahananda Das	M.Sc	Contractual	Social and Cultural	8 years	
Sri Nripen Ch. Sarania	M. A.	Contractual	Social and cultural	1 year	

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 (programme wise):
Undergraduate course = 12:1
H.S. course = 48:1

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. / M.Phil./PG.
NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects founded by DST-FIST; UGC, DBT, ICSSR, etc. and total Grants received

NIL

18. Research Centre / facility recognized by the university

NIL

19. Publications:

Name of faculty	Publications	National journal	International journal	Chapters in books
Sri Bhabesh Ch. Goswami				2
Dr. Joyshri Bhuyan		1	2	1
Mr. Binaya Devi				
Sri Mahananda Das		2	1	

20. Areas of consultancy and income generated.

NIL

21. Faculty as members in

a) National b) International Committees c) Editorial Boards----

NIL

22. Students projects

a) Percentage of students who have done in house projects including inter Department/ programme

b) Percentage of students places for projects in organizations outside the institution i.e. in Research laboratories / industry/ other agencies

Nil

23. Awards / Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists/ visitors to the department

a. Academicians: 1. Dr. B. K. Medhi Professor GU

2. Dr. S. K Roy Museum curator GU

3. Dr. Dilip K. Medhi Professor GU

4. Dr. B.C. Choudhary Professor GU

5. Dr. P.C Das Professor GU.

b. Visitors: 1. Mrs. Bhubaneswary Baishya , Rtd. Professor Cotton College Guwahati

2. Sri Keshab Ch. Rabha Rtd. Director Cultural affaires, Boko branch

25. Seminars/ Conferences/ workshops organization & the soured of funding

a) National

b) International NIL

26. Student profile programme/course wise:

Name of the course/programme (Refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year		236			
Higher Secondary Course 2 nd year		248			
TDC 1 st & 2 nd Semester(Major)		16	5	11	
TDC 1 st & 2 nd Semester(General)		34	11	23	
TDC 3 rd & 4 th Semester(Major)		25	7	18	
TDC 3 rd & 4 th Semester(General)		50	21	29	
TDC 5 th & 6 th Semester(Major)		3	--	03	
TDC 5 th & 6 th Semester(General)		17	8	9	

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S			

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		Data not available	
PG to M. Phil.			
PG to Ph.D.			
Ph.D. to Post-Doctoral			
Employed	• Campus selection	NIL	
	• Other than campus recruitment		
Entrepreneurship/Self-employment			

30. Details of Infrastructural facilities:

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : NIL
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : Laboratories and Museum

31. Number of students receiving financial assistance from collage, University, Government or other agencies. NIL

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.

33. Teaching methods adopted to improve student learning:

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the State Election Commission organized training programmes for polling officials and Census of the State.

35. SWOC analysis of the department and Future plans:

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Organizing at least two national seminars and workshop and getting one minor research project will be in the priority areas of the department in the coming years.

02. Department of Assamese

1. Name of the department : Assamese
2. Year of Establishment : 1964
3. Names of Programmes/Courses offered:
Undergraduate course in both Major and general study and
Postgraduate course in Assamese
4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.

5. Annual/semester/choice based credit system (programme wise):

The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.

6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

	Sanctioned	Filled
Professor	00	00
Associate Professor	03	03
Assistant Professor	02	02

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Dr. Kamaleswar Thakuria	MA, M.Mus., Ph.D	Associate Professor	Literature	25	00
02	Mr. Jatin Ch. Medhi	M.A	Associate Professor	Language	25	00

03	Dr. Kshirod Kr. Thakuria	M.A., Ph.D	Assistant Professor	Literature	18	00
04	Dr. Lalit Ch. Rabha	M.A., Ph.D,	Assistant Professor	Language	15	02
05	Mrs. Manjira Sarma	M.A	Associate Professor	Literature	18	00

11. List of senior visiting faculty:

- (i) Dr. Umesh Deka, Director, Institute of North East Study, Gauhati University
- (ii) Dr. Upen Rabha Hakacham, Former Head of the department of Assamese, Gauhati University
- (iii) Dr. K.M Pathak, Former VC, Assam Agricultural University,
- (iv) Dr Parikshit Hazarika, Professor, HOD, Dept of Assamese, Gauhati University

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 153:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Dr. Kamaleswar Thakuria	Minor R P	UGC	2 Years	50,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also one computer. Two research scholars has been working in this department for the PhD degree under Gauhati University under the guidance of Dr. Lalit Ch. Rabha.

19. Publications : (2005 to 2013)

a) Publication by the Faculty :

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Asomiya samaj gathanat	2013	ASOMJYOTI ISSN 2319-8559	Vol.I	Mr. Jatin Ch. Medhi

	mahapurush Sankardev Bhumika				
2	Purani Asomor Rag Sangit Aru Bargit	2013	ASOMJYOTI ISSN 2319-8559	Vol. I	Dr. Kamleswar Thakuria
3	(1) <i>Nominalization in Rabha Language</i>	2010	Focus on the Rabhas, , published by Cambridge India, ISBN: 81- 7679-455-4.		Dr. Lalit Ch. Rabha
	(2) <i>Rabhasakalar Bhasik Aru Sanskritik Dish</i>	2010	Asom Sahitya Sabha Patrika, March, 2010	Vol. 64, No. IV	Dr. Lalit Ch. Rabha
4	Vidyapati Aru Sankardev Birah Git : Eti Bishleshanatm ak Adhyayan	2013	ASOMJYOTI ISSN 2319-8559	Vol. I	Dr. Kshirod Kr. Thakuria
5	Mahapurush Sankardev Rachanat Bhakti Ros	2013	ASOMJYOTI ISSN 2319-8559	Vol. I	Mrs. Manjira Sarma
6	A Study on the culture of the Rabhas	2009	<i>The Tai</i>	Vol. VII	Dr. Lalit Ch. Rabha
7	Janajatiya Sanskritit Sankardev Prabhav	2013	ASOMJYOTI ISSN 2319-8559	Vol. I	Dr. Lalit Ch. Rabha
8	Rabhar Bahurangi Aru Bihugit : Eti Tulanamulak Alochona	2010	Bartapakhili ISSN 2249-9865	Vol. VII	Dr. Lalit Ch. Rabha
9	Nari Aru Purushar Bhasa : Eti samaj- bhasatvik Adhyayan	2009	Bartapakhili ISSN 2249-9865	Vol. IV	Dr. Lalit Ch. Rabha
10	Uttar-pub Bharatar Lok Sanskritir Adhyayanat Bishnu Rabhar Avadan	2010	Bartapakhili ISSN 2249-9865	Vol. IX	Dr. Lalit Ch. Rabha
11	Dakshin	2009	Bartapakhili	Vol. IX	Dr. Lalit Ch.

	Kamrupar Upabhasa : Ek Samaj bhasatatvik Adhyayan		ISSN 2249-9865		Rabha
12	Lokgitat Janajivanar praticchabi	2011	Bartapakhili ISSN 2249-9865	Vol. IX	Dr. Lalit Ch. Rabha
13	Rabha Lokgit Aru Nritya	2012	Bartapakhili ISSN 2249-9865	Vol. I	Dr. Lalit Ch. Rabha
14	Rabha samaj Devi puja	2011	Bartapakhili ISSN 2249-9865	Vol. I	Dr. Lalit Ch. Rabha
15	Hiren Bhattacharjya Aru teor Kabitat	2012	Janaseva ISSN 2319-2917	Vol. I	Dr. Lalit Ch. Rabha
16	Asomiya Lok- Sahityaloi Pati Rabhasakalar Avadan	2007	Janaseva ISSN 2319-2917	Vol. XII	Dr. Lalit Ch. Rabha
17	Pidgin Aru Creole	2008	Baratapakhili ISSN 2249-9865	Vol. I	Dr. Lalit Ch. Rabha
19	Pali Sahityat Nari Soundajyar Barnana	2006	Bartapakhili ISSN 2249-9865	Vol. V	Dr. Lalit Ch. Rabha
20	Basanta Utsav Baikho Aru Bihu : Eti Tulana	2007	Bartapakhili ISSN 2249-9865	Vol. IX	Dr. Lalit Ch. Rabha
21	Asomiya Kabitat Pratik	2008	Bartapakhili ISSN 2249-9865	Vol. XI	Dr. Lalit Ch. Rabha
22	Nongyangar Ipare-Sipare	2013	Janaseva ISSN 2319-2917	Vol. II	Dr. Kamalesawar Thakuria
23	Janajatiya Sanskrit	2013	Janaseva ISSN 2319-2917	Vol. I	Dr. Lalit Ch. Rabha
24	Bishnu Rabhar Chithi : Eti Alochona	2013	Junaseva ISSN 2319-2917	Vol. XII	Dr. Kshirod Kr. Thakuria
25	Guru Dujanar Borgitar Prasanga	2013	Janaseva ISSN 2319-2917		Dr. Kamaleswar Thakuria
26	Taslima Nasrinar Dristit Nari	2012	Bartapakhili ISSN 2249-9865		Dr. Kamaleswr Thakuria
27	Purani Asomor Rag Sangit	2012	Ninad		Dr. Kamaleswr Thakuria

- (a) Number of papers published in peer reviewed journals (national /international) by faculty and students : Nil
 - (b) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.):
 - (c) Monographs
 - (d) Books : 5
 - (e) Books Edited : 01
 - (f) Books with ISBN/ISSN numbers with details of publishers : 01
 - (g) Citation Index :
 - (h) SNIP :
 - (i) SJR :
 - (j) Impact Factor :
 - (k) h- index :
20. Areas of consultancy and income generated:
NIL
21. Faculty as members in:
- (a) National Committees: Nil
 - (b) International Committees: Nil
 - (c) Editorial Boards: 5
22. Student Project:
- (a) Percentage of students who have done in-house projects including inter departmental /programme : 100%
 - (b) Percentage of students who have done in-house projects including inter departmental /programme :
23. Awards/Recognitions received by faculty and students:
Banikanta Kakati Award by Mrs. Manjira sarma, associate Professor.
24. List of eminent academicians and scientists/ visitors to the department:
Nil
25. Seminars/Conferences/Workshops organized & the source of funding:
- (l) National : 01
 - (m) International : Nil
26. Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC 1 st & 2 nd Semester(Major)	70	29	06	23	
TDC 1 st & 2 nd Semester(General)	302	302	122	180	
TDC 3 rd & 4 th	60	35	09	26	100%

Semester(Major)					
TDC 3 rd & 4 th Semester(General)	368	368	118	250	100%
TDC 5 th & 6 th Semester(Major)	60	33	08	25	100%
MA 1 st Semester		12	02	10	
MA 2 nd Semester		12	06	06	
MA 3 rd Semester		04	01	03	

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil

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		Data not available
PG to M. Phil.		
PG to Ph.D.		02
Ph.D. to Post-Doctoral		
Employed	• Campus selection	NIL
	• Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities :

- (e) Library : Library facilities available
- (f) Internet facilities for Staff & Students : NIL
- (g) Class rooms with ICT facility : NIL
- (h) Laboratories : No Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies :
Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :
Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.

33. Teaching methods adopted to improve student learning :

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the State Election Commission organized training programmes for polling officials and Census of the State.

35. SWOC analysis of the department and Future plans :

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Organizing at least two national seminars and workshop and getting one minor research project will be in the priority areas of the department in the coming years.

03. Department of BODO

1. Name of the department : Bodo

2. Year of Establishment : 1994

3. Names of Programmes/Courses offered:

Undergraduate courses in both Major and general study.

4. Names of Interdisciplinary courses and the departments/units involved:

The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.

5. Annual/semester/choice based credit system (programme wise):

The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester

system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.

6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	00	00
Assistant Professor	01	01

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization / Field of Research	Teaching Exp in years	No. of Ph.D. Students guided
01	Miss Bhairabi Boro	MA	Assistant Professor	Language and Literature	10	00

11. List of senior visiting faculty:

- (v) Dr. Bhupen Narzary, Head of the department of Bodo, Gauhati University
- (vi) Dr. Anil Boro, prof. of the department of Folklore, Gauhati University

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

20%

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 27:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

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:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also two computers, LCD Projector etc.

19. Publications : (2005 to 2013)

(a) Publication by the Faculty :

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Sankardevar Dristit Nari	2013	ASOMJYOTI	Vol.I	Bhairabi Boro

(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 e.g. 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 :

(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 : Nil

- (b) International Committees : Nil
- (c) Editorial Boards :
22. Student Project:
- (a) Percentage of students who have done in-house projects including inter departmental /programme : 100%
- (b) Percentage of students who have done in-house projects including inter departmental /programme :
23. Awards/Recognitions received by faculty and students:
NIL
24. List of eminent academicians and scientists/ visitors to the department:
- (i) Dr. Bhupen Narzary, Head of the department of Bodo, Gauhati University
- (ii) Dr. Anil Boro, prof. of the department of Folklore, Gauhati University
25. Seminars/Conferences/Workshops organized & the source of funding:
- (a) National : Nil
- (b) International : Nil
26. Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC 1 st & 2 nd Semester(General)		14	04	10	
TDC 3 rd & 4 th Semester(General)		06	01	05	100%
TDC 5 th & 6 th Semester(General)		07	01	06	100%

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET/SLET, GATE, Civil services, Defense services, etc.? : 01

29. Student progression :

Student progression		Against % enrolled
UG to PG		Data not available
PG to M. Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		
Employed	• Campus selection	NIL
	• Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities :
- | | |
|--|----------------------|
| (a) Library available | : Library facilities |
| (b) Internet facilities for Staff & Students | : NIL |
| (c) Class rooms with ICT facility | : NIL |
| (d) Laboratories | : No Laboratories |
31. Number of students receiving financial assistance from college, university, government or other agencies:
Details are recorded in the college office
32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts :
Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.
33. Teaching methods adopted to improve student learning:
Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities :
Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the State Election Commission organized training programmes for polling officials and Census of the State.
35. SWOC analysis of the department and Future plans :
- Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.
- Initiating research activities by the faculty members have been given paramount importance by the department. Organizing at least two national seminars and workshop and getting one minor research project will be in the priority areas of the department in the coming years.

04. Department of Economics

1. Name of the department : Economics
2. Year of Establishment : 1986
3. Names of Programmes/Courses offered : Undergraduate course in both Major and general study.
4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.
5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.
6. Participation of the department in the courses offered by other departments:
Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.
8. Details of courses/programmes discontinued (if any) with reasons:
The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.
9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	03	02
Assistant Professor (Part Time)	02	02

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization/Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Mrs Deepanjali Das	M.A	Associate Professor	Econometrics	18	00
02	Mr. Prahlad Bharali	M.A . .	Assistant Professor	Econometrics	18	00
03	Miss Abida Ahmed	M.A	Part-time Lect.		6	00
04	Mr.Amulya Das	M.A	Do		0	00

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 (programme wise):
Undergraduate course = 22:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:
NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Nil				

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:
No departmental project received.

18. Research Centre/facility recognized by the University:
The department has a library with books and also one computer.

19. Publications : Nil
(a) Publication by the Faculty : Nil

- (b) Number of papers published in peer reviewed journals (national /international) by faculty and students :
 - (c) Number of publications listed in International Database (For e.g. 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 :
 - (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 : Nil
 - (b) International Committees : Nil
 - (c) Editorial Boards :
- 22 Student Project:
- (a) Percentage of students who have done in-house projects including inter departmental /programme : 100%
 - (b) Percentage of students who have done in-house projects including inter departmental /programme :
- 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:
- (c) National : Nil
 - (d) International : Nil
- 26 Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC 1 st & 2 nd Semester(Major)		04	02	02	
TDC 1 st & 2 nd Semester(General)		05	03	02	
TDC 3 rd & 4 th Semester(Major)		06	06	00	
TDC 3 rd & 4 th Semester(General)		11	07	04	

TDC 5 th & 6 th Semester(Major)		27	15	12	
TDC 5 th & 6 th Semester(General)		21	10	11	

27 Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S			

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		Data not available
PG to M. Phil.		
PG to Ph.D.		
Ph.D. to Post-Doctoral		
Employed	• Campus selection	NIL
	• Other than campus recruitment	
Entrepreneurship/Self-employment		

30 Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : NIL
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : No Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies :
Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

Class seminars and personal contact ,interaction and discussion are done to enrich the students and overcome their difficulties..

33. Teaching methods adopted to improve student learning :

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the State Election Commission organized training programmes for polling officials and Census of the State.

35. SWOC analysis of the department and Future plans :

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. The present faculties are overburdened with additional responsibility to undertake the H.S classes (7 sections containing about 200 students in each section). The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, the Degree students require more attention and facilities. Another hindrance is that most of the students come from families which are very poor economically and academically .So higher education is a challenge in such areas. Yet the department is committed to do the best by organizing workshops, seminars etc suitable for students in near future.

05. Department of Education

1. Name of the department : Education
2. Year of Establishment : 1979
3. Names of Programmes/Courses offered:
Undergraduate course in both Major and General
4. Names of Interdisciplinary courses and the departments/units involved:
Environmental studies in both H.S. & T.D.C. courses
5. Annual/semester/choice based credit system (programme wise):

The present programmes of study of the department under semester system.

6. Participation of the department in the courses offered by other departments:
Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	02	02
Assistant Professor	02	02
Assistant Professor	01	(Temporary)

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Mrs. Rumita Phukon	M.A.	Associate Professor	Mental hygiene	28	00
02	Mrs. Bijaya Deka	M.A.M.Phil. LLB	Associate Professor	Mentl hygiene	24	00
03	Mr. Niranjan Mahanta	M.A.	Assistant Professor	Continuing Education	16	00
04	Mrs. Dipanjali Kalita	M.A.M.Phil. B.ED	Assistant Professor	School Organization and Administration	15	00

11. List of senior visiting faculty:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

The department has one temporary faculty and delivered 15% lecture and not handled any practical classes

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 1:75

H.S. course = 1:250

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

One lab. Bearer (non sanctioned)

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D/ M.Phil./PG
Two: M. Phil.
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:
No departmental project received.
18. Research Centre/facility recognized by the University:
Nil
19. Publications: (2005 to 2013)
(a) Publication by the Faculty:

Mrs.Rumita Phukon

- 1.Article:-**
- (a) “SOS Children’s Village” A Home For the Destitute .India
Journal of Social Science and Sciences. A half yearly
Multidisciplinary Research Journal ISSN: 2231-
2447.Publisher Kalanchupar Research InstituteSocial
Education Vol-1, Vol-2 Aug. 2011
 - (b) “ Mother Role” –A Key Issue For Child Development in
SOS Children’s Village, an article published in the Journal of
Judicial And Social Science , ISSN 2231—4636, Vol .2 No2,
2 012 , Publisher National Education Foundation Law college
, Guwahati
 - (c))“Sattriya dance and borgeet : A unique contribution of
Srmanta Sankardeva ”Published on Research journal
'Assamjyoti' vol. 1. 2013 .ISSN 2019-8559
 - (d) “CHILD LABOUR”- A CURSE FOR THE SOCIETY
Published in College journal “JAWAHARJYOTI” 2009-10.
Vol-XXXII
 - (e) Published an Article on “Darpan” a Souvenior of the
Silver Jublee year 2013 of Dhekiabori Anchalik Unnaion
Sammittee held at Dhekiabori On 7th Mar. 2013.
 - (f) Published an Article on”Empowering women through
Self Help Group.” In the College journal(Prerona)
2. Books: - “Teachers Role in Youth Welfare
Programme in Assam” published in the “Globalization,
Higher Education & Youth” E.B.H. publishers, India
Guwahati, ISBN-978/93/80261/041 in 201

Mrs.Bijya Deka

1. Articles:- (1) : Scouting: A Way of Value Education Value Education
Published in Jawaharjyoti, Vol-XXIX, 2006-07
- (2): Education: A way of EmpowermentPublished in
Jawaharjyoti, Vol-XXXIII, 2010-11
- (3) “Samajik Sanghati rakhyat Satra Somuhor Bhumika
(Darrang Jilar Khatara Sattrar Prasangare ”Published on
Research journal ‘Assamjyoti’ vol. 1. 2013 .ISSN 2019-8559
2. Books:- (1) “Role of Jan Shiksha Sanstha in the Empowerment of
Women in Boko Development block of Assam”.Empowerment
in Independent India Its effect on Culture Identity and
Environment of the People of the North-East, Published by
Seminar Sub committee, Bikali College, Dhupdhara,
Goalpara,Assam ISBN 978-93-80247-16-8
- (2) “House hold Tools Among The Pati Rabhas: A Study in
Haldhipara Village of Boko, Kamrup,Assam”. Traditional
Knowledge System of North-East India. Published by
Department of History, Mangaldai College, Mangaldai ISBN -
978-81-924052-0-9
- (3). Aair Soman Hobo Kon(No one like my Mother)2004
Published by SRC, Assam ISBN-81-7550
- (4) Putukon Parhashali aru Mak Published by Anweshan,
Guwahati, Assam 2006.
- (5) Smriti Gatha published by Kishalay Prakashan 2008
- (6) Tultulor Sopon Published Children’s Literary Trust,Assam,
2010
- (iv) Preronar Anya Nam Amalprava (ed) 2011 Published by
Kishalay Prakashan
3. Others:- More than 20 articles antitle: Biswajura Ek Ananya Andalon (Regarding Scouing Movement) Published in Gyan Vigyan Barta., A Fortnightly Assamese News Paper for Neoliterates RNI 64905/96.

Mrs. Dipanjali kalita

- Article:** (1) “Anagrasar satrar shikha.” Published on Jawaharjyoti 2008-2009
- (2)” Need of Guidance for women.”Published on Prerona vol-1 2012
- (3) “Naitic setonar bikasat porialar bhumika.” Published on Sovenour Annual publicaion, Boko Sahitya Sava on 20th 721 Feb., 2010

(4) “Ekk jatil samajik samashar aabartat koisorar aparadh.” Published on “Aaji” an asomia dainik on 24th June 2008

(5) “Anagrasar shishur shikha.” Published on “Aaji” 28th June 2008

(6) “Bartaman समयत सत्रा सत्रि मनसिक बिकासत शिखार भुमिका” on ‘Aaji’ 13th Dec. 2008

(7) “Koisor aparadhprabanata- ek jatil samajik samasha.” Published on Jawaharjyoti, College journal

(8) “Distance Education’ Published on Jawaharjyoti, College journal

(9) “Mahapurush sankardev aru taur anugamir rasanat bouddha tatokio prasanga”

Published on Research journal ‘Assamjyoti’ vol. 1. 2013 .ISSN 2019-8559

20. Areas of consultancy and income generated: NIL

21. Faculty as members in:

- (a) National Committees : Nil
- (b) International Committees : Nil
- (c) Editorial Boards : Nil

22. Student Project:

- (a) Percentage of students who have done in-house projects including inter departmental /programme : 100%
- (b) Percentage of students who have done in-house projects including inter departmental /programme :

23. Awards/Recognitions received by faculty and students:
NIL

24. List of eminent academicians and scientists/ visitors to the department:

- i. Dr. B.B.Panda Principal B.P.C.College
- ii. Dr. Ananya Borua Associate Professor Bikali College
- iii. Dr. Maromi Goswami Guwahati College
- iv. Dr. Mitali Kathkotia D.K. Girls College
- v. Dr. Dipali Dutta Chhaygaon College
- vi. Dr. Babi Borua Dishpur College

25. Seminars/Conferences/Workshops organized & the source of funding:

- (a) National : Nil
- (b) International : Nil

26. Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled	Pass Percentage (%)
---	----------------------	----------	----------	---------------------

UG Courses			*M	*F	Major	General
2005-06	139	128	68	60	92.31	100
2006-07	175	158	78	80	83.33	43.75
2007-08	133	120	64	56	100	51
2008-09	230	218	78	140	100	100
2009-10	264	251	112	139	42.86	90
2010-11	269	247	101	146	100	78.58
2011-12	348	335	130	205	94.12	70
2012-13	326	317	117	200		

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	99%	01%	Nil
H S	99%	01%	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		25
PG to M. Phil.		7
PG to Ph.D.		01
Ph.D. to Post-Doctoral		Nil
Employed	19. Campus selection	NIL
	20. Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities:

(a) Library : The department have a seminar library (Year of Estd: 01-08 2003) with

- (1) Total No. of Text Book: 265
- (2) Total No. of Reference Book: 39
- (3) Total No. of Journal: 07
- (4) Internet facilities for Staff & Students : Available
- (5) Class rooms with ICT facility : One LCD projector with screen
- (6) Laboratories : One Laboratory for psychological practical

31. Number of students receiving financial assistance from college, university, government or other agencies:

Records are available in the office of the College

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Date	Topic	Details of the Presenter
06-10-05	“Need of guidance and counselling for college student”	Niranjan Mahanta Asstt. prof. J.N.College, Boko
07-10-07	“Awareness of preservation of environment of collegiate student”	Dr. J.P.Sarma Baruah, Asstt. Prof, Deptt of Chemistry J.N.College, Boko
11-09-07	“Value Education”	Kshirama Saikia, Director Batakushi Ashram,Batakushi
07-08-08	“Current Problems in Higher Education”	Probadh Ch. Das, Associate prof, Deptt of Pol.science J.N. College, Boko
29-09-08	“ Modernization and Education”	U.C.Kar, Associate prof, Deptt of English J.N. College, Boko
14-11-08	Drawing Competition of the Occasion of ‘Children Day’	Among the students of Boko arts and music school, at Boko M.V. School.
30-10-09	“Library its educational significance”	Gautam Rabha(Librarian) J.N. College, Boko
23-09-10	“Co-Curricular activities: its educational significance”	Students of the 3 rd Yr (M) in Education. Presented the papers
12-09-11	“Management and prevention of Stress at under graduate level”	Dr. Maromi Goswami, Associate prof. Guwahati College, Guwahati
18- 11-11	Inter disciplinary talk with History Deptt.Topic:- “Spread of western Education in India”	1. Diganta Kr.Das; Associate prof, Deptt of History J.N. College, Boko 2.Anita Rabha, Lecturer (History) 3.Gunavi Ram Kalita, Lecturer (History)
28-11-11	Inter disciplinary talk with Political Science Deptt Topic:- “Human right and Education”	Probadh Ch. Das, Associate prof.Deptt of Pol.Science J.N. College, Boko Dr. Praneswar Nath, Associate prof, Deptt of Pol. science J.N. College, Boko N.Mahanta, Asstt prof, Deptt of Education J.N. College, Boko
08-09-12	Inter disciplinary talk with Economics Deptt Topic:- “Economics of Education”	A.Ch. Patowary, Associate prof, Deptt of Economics J.N. College, Boko Prabadh Bharali, Associate prof, Deptt of Economics J.N. College, Boko
12-11-12	Inter disciplinary talk with Mathematics Deptt.Topic: “Computer Application in Education”	Dr. Alok Das, Associate prof, Deptt of Mathematics J.N. College, Boko Dr.Dipankar Sarma, Associate prof, Deptt, of Mathematics J.N. College, Boko
04-02-13	Popular talk on “Conservation and preservation of environment in Assam”	Dr. Tapan Dutta, Deptt. of Botany J.N.College, Boko
	Field Work on Enieronmental	

	Studies at Rani Area of Kamrup Dist.	
--	--------------------------------------	--

33. Teaching methods adopted to improve student learning:

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars etc. are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty members of the department extended full cooperation and active participation in deferent activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member, Mrs. Bijaya Deka acts as a Ranger leader of Amrit Prabha Ranger Team and assistant coordinator D.EL.Ed. Course of J.N. College study centre under KKHSOU. Mr. Niranjana Mahanta participated as coordinator of Induction Course of D.EL.ED. and coordinator of Montessori Methods, also member of IQAC of the College

35. SWOC analysis of the department and Future plans:

- * Strengths- The department have four permanent and one temporary faculties and one lab bearer The sincerity and punctuality are the main strength and assets of the department
- * Weakness- Lack of sufficient classroom, Modern teaching materials, Shortage of permanent teachers are some major weakness of the department.
- * Opportunity- Large numbers of student's enrolment both in major and general courses is a great opportunity of the department
- * Challenges-To provide adequate facilities, E-Class room facilities, Job oriented and skill develop nt courses to the students for their all-round development are some major challenges of the department,
- * Future plan- The department intend to provide online learning facilities, to introduce job oriented courses for self sufficiency, to undertake researched activities, to organize some seminar and workshops relevant with academic development and to provide better infrastructure to the students are some future plan of the department .

06. Department of English

1. Name of the department : ENGLISH
2. Year of Establishment : 1964
3. Names of Programmes/Courses offered : UG Undergraduate course in both Major and general study.
4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.
5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by Gauhati University for the three years (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system.
6. Participation of the department in the courses offered by other departments:
Only three year (1+1+1) degree course is available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any department and as such the participation of the department in such course does not arise.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
No courses have yet been introduced in collaboration with other universities, industries, foreign institution etc.
8. Details of courses/programmes discontinued (if any) with reasons:
The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinuation of any programme/course does not arise.
9. Number of Teaching posts :

	Sanctioned	Filled
Professor	00	00
Associate Professor	01	01
Assistant Professor	03	03

10. Faculty profile:

Sl. No.	Name	Educational Qualification	Designation	Specialization/Field of Research	Teaching Exp in years	No. of Ph.D. Students
.						

						guided
01	Umesh Ch Kar	M.A	Associate Professor		30	00
02	Ratnamala Sarma	M.A, M.Phil.	Assistant Professor	Woman Studies	16	00
03	Pulak Talukdar	M.A, M.Phil	Assistant Professor	Film Adaptation	13	00
04	Alimpa Bhuyan	M.A	Assistant Professor		05	00

Part Time Faculty: 1 (One)

11. List of senior visiting faculty:

- (i) Prof. Dayananda Pathak, Former Principal, and faculty of the Dept. of English, Pragjyotish College, Guwahati
- (ii) Prof. Pradipta Borgohain, Former Head of the department of English, Gauhati University

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 20%

13. Student-Teacher Ratio (programme wise):

Undergraduate course

General(Arts) 1 Sem :1:60

General(Science) 1 Sem : 1:10

Major 1 Sem :3:5

Major 3 Sem :1:5

Major 5 Sem : 1:1

Alt. Eng 1 Sem : 4:8

Alt. Eng 3 Sem : 1:8

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

17. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Ratnamala Sarma	Minor R P	UGC	18 months	!,20, 000/

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Rs. 1, 90, 000 received from UGC to set up language Laboratory

18. Research Centre/facility recognized by the University: This facility is not yet used by the department.

19. Publications: (2005 to 2013)

(a) Publication by the Faculty: Various Publication in the college Magazine and others.

(b) Number of papers published in peer reviewed journals (national /international) by faculty and students: Nil

Universality of Srimanta Sankardevas Philosophy published in the Journal Asomjyoti vol. 1 2013 ISSN 2019-8559, author Mrs. Ratnamala Sarma

A Journey of Neo Vashnavism through Srimanta Sankardeva published in the Journal Asomjyoti vol. 1 2013 ISSN 2019-8559, author Mrs. Alimpa Bhuyan

(c) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.):

(d) Monographs

(e) Chapter in Books: 2, in Environmental Education: Concepts, Issues and Problems, ed. S.Das. (Ratnamala Sarma)

(f) Books Edited:

(g) Books with ISBN/ISSN numbers with details of publishers :

(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:

(d) National Committees : Nil

(e) International Committees : Nil

(f) Editorial Boards :

22. Student Project:

(c) Percentage of students who have done in-house projects including inter departmental /programme : 100%

(d) Percentage of students who have done in-house projects including inter departmental /programme :

23. Awards/Recognitions received by faculty and students:

NIL

24. List of eminent academicians and scientists/ visitors to the department:

25. Seminars/Conferences/Workshops organized & the source of funding:

1. National : Nil

2. International : Nil

26. Student profile programme/course wise:

Year-2013

I. B.A.1st Semester. (Gen. Arts :) Total No. of Students: 304

II. B.A. 1st Sem. (Science): 57

III. B.A. 1st Sem. Alt. English: 17

- IV. B.A. 1st Sem. Major: 03
 V. B.A. 3rd Sem. Alt. Eng.: 08
 VI. B.A. 3rd Sem, Major: 07
 VII. B.A. 5th Sem : 05

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S			

28. How many students have cleared national and state competitive examinations such as NET/SLET, GATE, Civil services, Defense services, etc.?:

- I. Four students have qualified in Teachers Eligibility Test in the year 2012-13.

29. Student progression:

Student progression		Against enrolled %
UG to PG		Data not available
PG to M. Phil.		
PG to Ph.D.		01
Ph.D. to Post-Doctoral		
Employed	1. Campus selection	NIL
	2. Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities:

- (a) Library : Library facilities available
 (b) Internet facilities for Staff & Students : yes.
 (c) Class rooms with ICT facility : NIL
 (d) Laboratories ; One Language laboratory is functioning under the department.

31. Number of students receiving financial assistance from college, university, government or other agencies : Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Periodic student enrichment programmes are arranged by the department holding seminars.

32. Teaching methods adopted to improve student learning:

Though most of the teaching is done through traditional chalk and talk method, yet at times audio visual aids are used when necessary. Sometimes external teachers are invited for special remedial classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities.

35. SWOC analysis of the department and Future plans:

All the teachers are highly motivated and dedicated. They are very much open for new ideas. Most of the teachers are involved in research and has been pursuing Ph.D. in reputed institutions. Over-burden of classes including three groups in the higher secondary level has hampered the teachers from involving in works like publication and participation in seminars. It has also affected the teaching in major classes. Another problem is unavailability of students of better academic background. Opportunity of the department is immense. It has been serving the community in developing communication skill and to a large extent it has created a stable platform for higher studies. Challenges are immense too. It is really an arduous task for the department to create the required aptitude on the part of the students to take English as a major subject. The poor socio-economical background of the students poses difficulties for the students to pursue their studies whole heartedly. In the future, the department wishes to create more facilities like CALL (computer aided language learning), installation class rooms with ICT facility. The department wishes to include more books in the departmental library so that free books can be made available to all students in major classes. Also the department wishes to organize seminar on national level in the near future.

07. Department of Geography

1. Name of the department : Geography
2. Year of Establishment : 1981
3. Names of Programmes/Courses offered : Undergraduate course in both Major and general study and H.S.

4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.

5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.

6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

	Sanctioned	Filled
Professor	00	00
Associate Professor	02	02
Assistant Professor	01	01

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization/Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Abani Kumar Das	M.Sc.,	Associate Professor	Cartography	26	00
02	Jugal Kishore Nath	M. Sc	Associate Professor	Population Geography	25	00
03	Jitu Rajbongshi	MA,M Phil, BEd	Assistant Professor	Regional planning	15	00

11. List of senior visiting faculty: Nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 30%

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 20:1

H.S. course = 60:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Abani KR. Das	Minor R P	UGC		1,70,000

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also two computers, LCD Projector etc.

19. Publications : (2005 to 2013): Nil

(a) Number of papers published in peer reviewed journals (national /international) by faculty and students : Nil

(b) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): Nil

(c) Monographs :Nil

(d) Chapter in Books : Nil

(e) Books Edited : Nil

(f) Books with ISBN/ISSN numbers with details of publishers :
Nil

(g) Citation Index : Nil

(h) SNIP : Nil

20. Area as of consultancy and income generated:

NIL

21. Faculty as members in:

(a) National Committees : Nil

(b) International Committees : Nil

(c) Editorial Boards : Nil

22. Student Project:

(a) Percentage of students who have done in-house projects including inter departmental /programme : 100%

(b) Percentage of students who have done in-house projects including inter departmental /programme :

23. Awards/Recognitions received by faculty and students:

Sl.No	Name of Student	Class	Rank	Year	University
1	Jiten Rabha	1st	11	2010	G.U
2	Bhagyashree	1st	16	2010	G.U
3	Tapas Banerjee	1st		2010	G.U
4	Bidyawati Baishya	1 st		2011	G.U
5	Babita R Marak	1 st		2012	G.U
6	Anshuma Basumatary	1 st		2013	G.U
7	Kalpana Devi	1 st		2013	G.U

24. List of eminent academicians and scientists/ visitors to the department:

(i) Prof. Abani Kumar Bhagabati, Former Head of the department of Geography Gauhati University

25. Seminars/Conferences/Workshops organized & the source of funding:

1. National : One

2. International : Nil

26. Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year		120	70	50	
Higher Secondary Course 2 nd year		110	65	45	
TDC 1 st & 2 nd Semester(Major)		30	12	18	
TDC 1 st & 2 nd Semester(General)		15	07	08	
TDC 3 rd & 4 th Semester(Major)		20	10	10	
TDC 3 rd & 4 th Semester(General)		10	04	06	
TDC 5 th & 6 th Semester(Major)		18	10	08	
TDC 5 th & 6 th Semester(General)		12	06	06	

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S	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		Data not available
PG to M. Phil.		
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		
Employed	3. Campus selection	NIL
	4. Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : Available
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : A. general Lab. Available
:B. G.I.S Lab. Available

31. Number of students receiving financial assistance from college, university, government or other agencies :

Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.

33. Teaching methods adopted to improve student learning :

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the

State Election Commission organized training programmes for polling officials and Census of the State.

35. SWOC analysis of the department and Future plans :

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Organizing at least two national seminars and one international seminar and workshop and getting one minor research project will be in the priority areas of the department in the coming years.

08. Department of History

1. Name of the department : History
2. Year of Establishment : 1964
3. Names of Programmes/Courses offered : Undergraduate course in both Major and general study.
4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.
5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.
6. Participation of the department in the courses offered by other departments:
Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been

introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

	Sanctioned	Filled
Professor	00	00
Assistant Professor	01	01
Assistant Professor	01	vacant

10. Faculty profile :

Sl. No.	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Exp. in years	No. of Ph.D. Students guided
01	Diganta Kumar Das	M.A., M.Phil	Assistant Professor	Entire History	15	00
02	Vacant	-	-	-	-	-

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 (programme wise):

Undergraduate course = 23:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
NIL	NIL	NIL	-	-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also one computer.

19. Publications : (2005 to 2013)

(a) Publication by the Faculty:

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Neo-Vaisnavism an Element of Social Formaton in Medieval Assam	2013	ASSAM JYOTI	1	Diganta kumar Das

(b) Number of paper published in peer reviewed journals (National/International) by faculty and students:

(c) Number of publication listed in International Data base (for e.g. web of science, scopus, humanities International complete, Dare Data base 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: 01/ISSN, Department of Assamese, J. N. College, Boko.

(h) Citation Index:

(i) SNIP:

(j) SJR:

(k) Impact factor:

(l) h-index:

20. Areas of consultancy and income generated:

21. Faculty as members in:

- i. National Committees: 1
- ii. International Committees:
- iii. Editorial Boards:

22. Student project:

- i. Percentage of students who have done in-house projects including inter departmental/ programme: 100%
- ii. Percentage of students who have done in-house projects including inter departmental/ programme:

23. Awards/Recognitions received by faculty and students:

NIL

24. List of eminent academicians and scientists/ visitors to the department:

25. Seminars/Conferences/Workshops organized & the source of funding:

(a) National : Nil

(b) International : Nil

26. Student profile programme/course wise:

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC 1 st & 2 nd Semester(Major)	05	02	00	02	
TDC 1 st & 2 nd Semester(General)	06	01	00	01	
TDC 3 rd & 4 th Semester(Major)	04	04	01	03	
TDC 3 rd & 4 th Semester(General)	11	11	06	05	
TDC 5 th & 6 th Semester(Major)	04	04	01	03	
TDC 5 th & 6 th Semester(General)	01	01	01	00	

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET/SLET, GATE, Civil services, Defense services, etc.?: 01

29. Student progression :

Student progression		Against enrolled %
UG to PG		33.3
PG to M. Phil.		00
PG to Ph.D.		00
Ph.D. to Post-Doctoral		00
Employed	5. Campus selection	NIL
	6. Other than campus recruitment	
Entrepreneurship/Self-employment		

30. Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : NIL
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : No Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies :

Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

33. Teaching methods adopted to improve student learning : Two seminar were held on the topics (i) Impact of modern education among the tribals in post independence period in Boko area. (ii) Important places as tourist place in greater Boko.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

A faculty member of the department sometimes participates in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. A faculty member of the department acted as master trainer on a number of occasions in the programmes of census of the state 2011.

35. SWOC analysis of the department and Future plans :

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. The department has been run by a single permanent teacher since March 2011 with two contractual teachers. It has caused major problem of poor enrollment of students in to the department. If the department has been filled up by sufficient teaching faculty it will take some program like quiz and speech competition on Historical importance to popularize the subject in school level in the locality. In spite of inadequate teaching faculty, department has an aim to initiate research activities and to hold a national seminar and workshop and to pursue some minor research projects.

09. Department of Political Science

1. Name of the department: Political Science
2. Year of Establishment: 1964
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:
5. Annual/ semester/choice based credit system (programme wise): Annual and Semester
6. Participation of the department in the courses offered by other departments: Participates in the seminars and workshop offered by the other departments and cells of the college.
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:

Designation	Sanctioned	Filled
Professor	Does not arise	Does not arise
Associate professor	03	02
Asst. Professor (Contratual)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Exp	No. of Ph.D. Students guided for the last 4 years
P. C. Das	M.A.,	Associate Professor and HOD	Asian Govt.	24 years	Nil
Dr. P. Nath	M.A., Ph.D.	Associate Prof.	Sociology	22 years	Nil

11. List of senior visiting faculty.: Does not arise
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.: 20%
13. Student -Teacher Ratio (programme wise): 1:75
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Does not arise
15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./PG.: With Ph.D. 1 / With PG. 1.
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: Does not arise

19. Publications by faculty: (2005-2013)

Books : By DR. PRANESWAR NATH

- i) "Natun Prajanmor Bhabushyat Bikash Sadhan", 2006
- ii) "Contemporary Political Issues", 2007, 2008, 2009
- iii) "Pancha Ajamna Silpir Jiwan Suravi Geet Suwadee", 2008
- iv) "Nath Jogy Jatir Anukule Pratikule", 2010
- v) "Bhupen Hazarika Jiwan Aru Darshan", 2011
- vi) "Ajir Samay Aru Anubhab", 2012
- vii) "Kalajayee Geet Aru Jiwan", 2005-2006
- viii) "Dr Bhabendra Nath Saikia: Drasta Aru Shrasta", 2005

Article: By Dr. Praneswar Nath

- i) "Bhupen Hazarika Geet Aru Darshan" published on Jawaharjyoti, College journal, 2012
- ii) "Globalization and its positive impact in our society" published on Souvenir Annual publication, Chhaygaon Sahitya Sabha, 2010
- iii) "Present Politics in Rural society" published on GanaSewa, Chhaygaon, 2008
- iv) "Suggestions to the students and teachers" published on Sankarjyoti, Sankardev Shishu Niketan, Chhaygaon, 2011
- v) "Sanskriti Aru Samaj" published on Souvenir Golden Jubilee, Singra Prathamik Vidyalaya, 2002.

Article : By Mr. Probodh Ch Das

- i) "Sattriya Sanskriti and Bargeet: a unique contribution of Srimanta Sankardeva" published on Research Journal, Asomjyoti, Vol-1, 2013 ISSN, 2019-8559
- ii) "Role of Teacher in the development of students in Chhaygaon area" published on Sankarjyoti, Sankardev Shishu Niketan, Chhaygaon, 2009.

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

- 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

23. Awards/ Recognitions received by faculty and students: Nil.

24. List of eminent academicians and scientists/ visitors to the department:

Dr. Niru Hazarika, Professor, Political Science, G. U.

Dr. Manirul Hussan, Professor, Political Science, G. U.

Dr. Sandhya Goswami, Professor, Political Science, G. U.

Dr. Alaka Sarma, HOD, Professor, Political Science, G. U.

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National: Nil.

b)International: Nil

26. Student profile programme/course wise:

Name of the Course/Programme (refer question no. 3)	Application received	Selected	Enrolment		Pass percentage	
			*M	*F	Major	General
UG(semester) 2005-06	234	234	194	50	99%	96%
2006-07	195	195	100	95	100%	97%
2007-08	205	205	105	100	98%	96%
2008-09	290	290	190	100	99%	99%
2009-10	304	304	154	150	100%	97%
2010-11	420	420	220	200	100%	98%
2011-12	370	370	201	169	100%	96%

*M -Male *F - Female

27. Diversity of Students:

Name of the Course	% of the students from the same State	% of the students from other State	% of the students from abroad
UG	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Does not arise

Defense service:

29. Student progression: (UG to PG with Major course and PG to M.Phil) year wise

Year	No of Students for PG	No of Students for M. Phil
2005-06	4	
2006-07	3	1
2007-08	2	
2008-09	4	
2009-10	2	
2010-11	2	
2011-12	3	

30. Details of Infrastructural facilities

a) Library : One Department Library having 300 books

b) Internet facilities for Staff & Students : available

c) Class rooms with ICT facility : No

d) Laboratories : Does not arise

31. Number of students receiving financial assistance from College, University, Government or other agencies. NIL
32. Details on student enrichment programme (special lectures / workshops / seminar) with external experts. :

Date	Topic	Details of the Presenter
24-01-2005	“Changing Trend of Panchayati Raj in Assam”	Prof. P. C. Das (Associate Prof., J. N. College, Boko) Dr. P. Nath (Associate Prof., J. N. College, Boko)
19-09-2007	Human Rights Violation in North East India	Prof. P. C. Das (Associate Prof., J. N. College, Boko) Dr. P. Nath (Associate Prof., J. N. College, Boko)
11-11-2008	Ethnic conflicts in the North East	Prof. P. C. Das (Associate Prof., J. N. College, Boko) Dr. P. Nath (Associate Prof., J. N. College, Boko)

- i. Seminar on Changing Trend of Panchayati Raj in Assam held on 24-01-2005 Resource Person Dr. Niru Hazarika, Prof., Dept. of Pol. Sc., GU.
 - ii. Popular Talk “Human Rights Violation in North East India held on 19-09-2007”
Resource Person Dr Jogendra Kr Das, Sr. Lecturer, Dept. of Pol. Sc., D.K. College, Mirza.
 - iii. Popular Talk “Ethnic conflicts in the North East held on 11-11-2008 ”
Resource Person Dr. Kunja Medhi, Prof., Dept. of Pol. Sc., GU.
33. Teaching methods adopted to improve student learning. : Lecture, discussion and feedback.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities. : The college organizes different programmes in nearby villages as a part of extension activities and we the faculty members participate in those programmes.
35. SWOC analysis of the department and Future plans. :
- Strength: Increasing no of student is the main strength of the Department.
 - Weakness: Lack of sufficient classroom, shortage of permanent faculty is the major weaknesses of the department.

- Opportunity: since the enrolment of student is increasing every year so the department has opportunity to harness the talent if it is directed in a proper way with all modern teaching tools.
- Future plan: the department intend to provide online learning facilities, to introduce job oriented courses for self sufficiency, to undertake research activities, to organize some seminar and workshop relevant with academic development and to provide better infrastructure to the students are some future plan of the department.

10. Department of Botany

1. Name of the department : BOTANY
2. Year of Establishment : 1986
3. Names of Programmes/Courses offered : Undergraduate course in both Major and general.
4. Names of Interdisciplinary courses and the departments/units involved:
Nil
5. Annual/semester/choice based credit system (programme wise):
The college follows the semester based under graduate programme introduced by the Gauhati University with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters (Major with 208 credit and general with 136 credit)) having two semesters in a year. Moreover, the department also teach two years higher secondary course (10 + 2) following the guideline of Govt. of Assam.
6. Participation of the department in the courses offered by other departments:
Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
No regular courses have yet been introduced in collaboration with any universities, industries, foreign institution etc. However the department has introduced a certificate course from this academic session under UGC Career Oriented Course in collaboration with Mushroom Foundation, Guwahati.
8. Details of courses/programmes discontinued (if any) with reasons:
The department offers courses/ programmes as per the Gauhati University prescribed syllabi. As such, the discontinuation of any programme/course does not arise.
9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	01	01
Assistant Professor	03	03

10. Faculty profile :

Sl. No.	Name	Education al Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Mrs. Purabi Rabha	M.Sc	Assistant Professor	Cytogenetics	23	00
02	Dr. Habibur Rahman	M.Sc, Ph.D.	Assistant Professor	Plant taxonomy	18	00
03	Mr. Pinaki Kumar Rabha	M.Sc	Assistant Professor	Plant Physiology & Biochemistry	15	00
04	Dr. Tapan Dutta	M.Sc, Ph.D,	HOD, Associate Professor	Plant Ecology	15	00

11. List of senior visiting faculty: Though there is no such provision , yet on personal request of the departments the following few senior faculties visited our departments as and when required:

- (iii) Prof. Chandra Mohan Sarma, Former Head of the department of Botany, Gauhati University
- (iv) Prof. Sachin Kumar Borthakur, Former Head of the department of Botany, Gauhati University
- (v) Dr. Dhruba Kumar Jha, Professor, HOD, Dept of Botany, GU
- (vi) Dr. Surjya Kalita, Associate Professor, HOD, Dept of Botany, B.P.Chaliha College, Nagarbera.
- (v) Dr. Ramala Baishya Sarma, HOD, Dept of Botany, Goalpara College.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:
NIL

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 11:1

H.S. course = 48:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

The department has two posts of sanctioned technical staff (Bearer) and both are filled. But no provision of administrative staff yet.

15. Qualifications of teaching faculty with D.Sc./D.Litt.:
NIL

16. Number of faculty with ongoing projects from a) National b)
International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Dr. Habibur Rahman	Minor R P	UGC	2009-11	1,40,000/-
Dr. Tapan Dutta	Minor R P	UGC	2009-11	1,50,000/-
	. Major R P	UGC	2013	10,08,000/-
	Major R P	ASTEC	2013	2,00,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.
and total grants received:

The research grant received by various agencies has been mentioned in the
serial no. 16. Total grants received till date is: 15 lakhs.

18. Research Centre/facility recognized by the University:

Till date the department is not recognized as research Centre. But the
DBT, GOI sponsored Biotech Hub of our college has been used by the
university for research work.

19. Publications : (2005 to 2013)

(a) Publication by the Faculty:

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Diversity of Rattan/ Canes in Assam and their conservation'	2007	<i>Journal of Economic and Taxonomic Botany,</i>	Vol.31, No.4	Dr. Habibur Rahman
2	Study on the diversity of Aquatic Angiosperm of Boko Revenue Circle with special reference to Ethnobotanical Aspects. Proceedings of the National Seminar on Wetland and Livelihood, Jawaharlal Nehru College, Boko, Assam,. 22- 24.	2008	<i>Proceedings of UGC sponsored National Seminar organized by J.N.College .</i>	<i>Proceedings</i>	
3	'Utilization of Rattans in Assam'	2011	<i>Journal of Nature and Environment,</i>		
4	Taxonomy of Rattans In Assam	2012	<i>Journal of Advance Plant Sciences,Botanical Society of Assam.</i>	Vol.-5 (2&3)	
5	'Zalacca secunda – A new record to India from Assam'	Nov' 2010	<i>Journal of Bombay Natural History Society, Mumbai</i>	Accepted	
6	Study of the possible	2011	<i>Journal of Advance Plant</i>	Vol.-5	Dr. Tapan

	restoration of wasteland by plantation of economical important tree species and its impact rural economy and livelihood.		<i>Sciences, Botanical Society of Assam</i>	(2&3)	Dutta
6	Prospect and challenges of endo rearing of muga silk worm <i>Antheraea assemensis</i> : An Overview	2012	Proceeding of traditional knowledge system for biodiversity conservation. ISBN No 978-81-925433-1-4	preceding	
7	Non conventional food plants used by different ethnic groups of Assam: a case study of Rabha Hasong Autonomous Council Area.	2012	<i>Journal of Advance Plant Sciences, Botanical Society of Assam</i>	Vol.6(2&3)	Dr. Tapan Dutta
8	Non conventional food plants used by different ethnic groups of Assam: a case study of Rabha Hasong Autonomous Council Area	2012	<i>Journal of Advance Plant Sciences, Botanical Society of Assam</i>	Vol.6(2&3)	Pinaki Kr. Rabha

(b) Number of papers published in peer reviewed journals (national /international) by faculty and students : Five (National)

(c) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.): Nil

(d) Monographs : Nil

(e) Chapter in Books : 01

(f) Books Edited : 01

(g) Books with ISBN/ISSN numbers with details of publishers : Nil

(h) Citation Index : Nil

(i) SNIP : Nil

(j) SJR :Nil

(k) Impact Factor : Nil

(l) h- index : Nil

20. Areas of consultancy and income generated: Till date nil.

21. Faculty as members in:

(a) National Committees : Nil

(b) International Committees : Nil

(c) Editorial Boards : One

22. Student Project:

(a) Percentage of students who have done in-house projects including inter departmental /programme : 100%

23. Awards/Recognitions received by faculty and students:
- Awarded Ph.D degree in 2011 (Dr. Habibur Rahman)
24. List of eminent academicians and scientists/ visitors to the department:
- Prof. Chandra Mohan Sarma, Former Head of the department of Botany, Gauhati University
 - Prof. S. K. Sarma, Former Head of the department of Botany, Gauhati University
 - Prof. Sachin Kumar Borthakur, Former Head of the department of Botany, Gauhati University
 - Dr. Dhruba Kumar Jha, Professor, HOD, Dept of Botany, GU
 - Dr. Surjya Kalita, Associate Professor, HOD, Dept of Botany, B.P.Chaliha College, Nagarbera.
 - Dr. Ramala Baishya Sarma, HOD, Dept of Botany, Goalpara College.
25. Seminars/Conferences/Workshops organized & the source of funding:
- National : Nil
 - International : Nil
26. Student profile programme/course wise:

Session 2012-13

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year		91			
Higher Secondary Course 2 nd year		93			
TDC 1 st & 2 nd Semester(Major)		01	-	01	100%
TDC 1 st & 2 nd Semester(General)		08	08	-	75%
TDC 3 rd & 4 th Semester(Major)		03	01	02	100%
TDC 3 rd & 4 th Semester(General)		09	07	02	100%
TDC 5 th & 6 th Semester(Major)		03	01	02	100%
TDC 5 th & 6 th Semester(General)		02	02	-	100%

Session 2011-12

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC 1 st & 2 nd Semester(Major)		01	-	01	100%
TDC 1 st & 2 nd Semester(General)		09	09	-	22%
TDC 3 rd & 4 th Semester(Major)		03	01	02	100%
TDC 3 rd & 4 th Semester(General)		10	08	02	90%
TDC 3 rd Year (Major)		02	-	02	100%
TDC 3 rd Year (General)		01	01	-	100%

Session 2010-11

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC I Year(Major)		03	03	-	66%

TDC I Year(General)		08	06	02	50%
TDC II Year(Major)		02	-	02	100%
TDC II Year(General)		02	02	-	100%
TDC III Year(Major)		Nil	Nil	Nil	
TDC III Year(General)		02	01	01	100%

Session 2009-10

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
TDC I Year(Major)		03	00	03	100%
TDC I Year(General)		04	04	-	75%
TDC II Year(Major)		Nil	Nil	Nil	
TDC II Year(General)		04	04	-	100%
TDC III Year(Major)		Nil	Nil	Nil	
TDC III Year(General)		03	03	-	100%

Session 2008-09

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year					
Higher Secondary Course 2 nd year					
TDC I Year(Major)		03	02	01	33%
TDC I Year(General)		02	02	-	50%
TDC II Year(Major)		-	-	-	
TDC II Year(General)		03	03	-	100%
TDC III Year(Major)		03	01	02	100%
TDC III Year(General)		01	01	-	100%

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	99%	1%	Nil
H S	95%	5%	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		35%(2005 to 2012)
PG to M. Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		Nil
Employed	09. Campus selection	NIL
	10. Other than campus recruitment	More than 90%
Entrepreneurship/Self-employment		10%

30. Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : Available
- (c) Class rooms with ICT facility : One
- (d) Laboratories : 02 Departmental Lab.; 01- Biotech Hub Lab

31. Number of students receiving financial assistance from college, university, government or other agencies :
Detail records keep in the college office.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person. Students of the department visited various advanced laboratories and institutions across the state sponsored by Biotech Hub.

33. Teaching methods adopted to improve student learning :

For teaching conventional black board methods is extensively used with hands on practical and demonstration. Students are also encouraged for field visit to improve their observation skill. Recently advanced e- learning equipments are also installed in the classroom for better learning of the students. To improve students' learning process, periodic group discussion and seminars are also arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities.

35. SWOC analysis of the department and Future plans :

Sincerity, devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance.

Initiating research activities by the faculty members have been given paramount importance by the department. The department wishes to include more books in the departmental library so that free books can be made available to all students in major classes. Also the department wishes to organize seminar on national level in the near future. To get Minor research project/Major research project will be in the priority areas of the department in the coming years.

11. Department of Chemistry

1. Name of the department: Chemistry

2. Year of Establishment: 1986

Jawaharlal Nehru College a premier institution of Boko area dominated by mostly tribal people is the only institution in higher education established on 1964. But, the people of the area were deprived of science education till 1986. Sri J.C. Nath then principal of the college with full support of the staff, student and general public started the first higher secondary class with 20 students on the roll and were formally inaugurated by Dr. S. Bharali D.P.I., Assam on 6th Oct, 1986. Due to limited financial resource, the college could not take step to open TDC (Sc) until 1993. However the constant confident approach and dedicated efforts of the science staff the governing body of the college agree to open TDC (Sc) from 1993. After crossing different stages the college science stream achieve deficit grant in aid in 25-03-1998 and the vary day was also the red letter day for the department.

3. Names of Programmes/ Courses offered : Undergraduate course in both Major and general study.

4. Names of Interdisciplinary courses and the departments/ units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University.

5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the affiliating University, i.e. Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary (10 + 2) courses are also available in the department.

6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/ programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	00	00
Assistant Professor	04	04

10. Faculty profile :

Sl. No	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Dr. Apurba Kr. Goswami	M. Sc, Ph. D.	Assistant Professor (SG)	Organic Chemistry, Natural products and Bio-Chemistry	17	00
02	Dr. Jyoti Prasad Sarma Baruah	M. Sc, Ph. D.	Assistant Professor	Inorganic Chemistry, Environmental Chemistry	16	00
03	Nuruddin Ahmed	M. Sc	Assistant Professor	Organic Chemistry, Polymer Chemistry and Nanochemistry	16	00
04	Miss. Sangeeta Talukdar	M. Sc	Assistant Professor	Topology, Algebra	01	00

11. List of senior visiting faculty:

- (i) Prof. Krishna Gopal Bhattacharya, Former Head of the department of Chemistry, Dean, Faculty of Science, Director of ASC, Gauhati University
- (ii) Prof. Dilip Kr. Kakati, Professor of the department of Chemistry, Gauhati University
- (iii) Prof. Citrani Medhi, Professor of the department of Chemistry, Gauhati University
- (iv) Dr. Prova Baruah, Assistant Professor, Department of Chemistry, Jagirod College.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

NIL

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 36: 1

H.S. course (10 + 2) = 41:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 02

15. Qualifications of teaching faculty with D.Sc./D.Litt.: NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Dr. Apurba Kr. Goswami	Nil			
Dr. Jyoti Prasad Sarma Baruah	Nil			
Nuruddin Ahmed	Nil			
Miss. Sangeeta Talukdar	Nil			

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also one computer, LCD Projector etc.

19. Publications : (2005 to 2013)

(a) Publications by the Faculty members:

Sl. No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Carotenoids of <i>Doddor (cusenta reflexa)</i> grown on hedge- <i>cerodendrumenersmy</i>	2008	Advances in Natural and Applied Science	2(3)99, 102, 2008	A. K. Goswami
2	Morphological and carotinoid composition of	2008	Proceeding Of National Seminar	2008 (Single issue)	A. K. Goswami

	some terrestrial and aquatic algae from Assam		“Wetland and Livelihood”		
3	Study on Water Quality and Pollution level in Ponds in some tea gardens of Golaghat Districts of Assam, India	2008	Proceeding Of National Seminar “Wetland and Livelihood”	2008 (Single issue)	Dr. J P Sarma Barua
4	Assessment of Drinking Water Quality in different Small Tea Gardens of Sonitpur District (Assam), India	2010.	. Arch. Appl. Sci. Research	2 (5), 226,	Dr. J. P. Sarma Baruah,
5	Studies on Cu ²⁺ ion doped Polyaniline;	2012	Iranian Polymer Journal (Springer); ISSN 1026 – 1265 Sciences,	30 June 2012	N Ahmed
6	Synthesis of Nanostructured Polyaniline in Dodecyl Sulphuric Acid (DSA) Mediated Micellar Medium using Isopropanol as Co-surfactant	2012	Research Journal of Chemistry and Environment	Vol. 16 (4), Dec (2012), 19 – 25	N Ahmed
7	Polyaniline Nanoparticles in Sodium Dodecyl Sulphate based Inverse Microemulsion	2011	Journal of Polymer Materials	Vol. 28 (4), 2011, 561– 575	N. Ahmed

(b) Number of papers published in peer reviewed journals (national /international) by faculty and students : 04

(c) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.):

(d) Monographs: Nil

(e) Chapter in Books : Nil

(f) Books Edited : Nil

(g) Books with ISBN/ISSN numbers with details of publishers : Nil

(h) Citation Index :

(i) SNIP :

(j) SJR :

(k) Impact Factor: Current impact factors are available in the internet for the last three above mentioned publications viz. 5, 6 and 7.

(l) h- index :

20. Areas of consultancy and income generated:

NIL

21. Faculty as members in:

(a) National Committees : Nil

- (b) International Committees : Nil
 (c) Editorial Boards: Dr. A K Goswami was the Member of Editorial Board of the Biennial Journal “Chemistry Education” during the Session 2006 – 2007 Published by the Society for Chemical Education, Assam, and ISSN 0971 – 7498.

22. Student

Project:

- (a) Percentage of students who have done in-house projects including inter departmental /programme :
 Nil
 (b) Percentage of students who have done in-house projects including intra departmental /programme : 100%

23. Awards/ Recognitions received by faculty and students:

1. Dr. A.K. Goswami awarded Ph.D. by Gauhati University for the thesis entitled “Utilization of Carotenoids from Algae” in the year 2005
2. Dr. J.P. Sarma Baruah awarded PhD by Gauhati University for the thesis entitled “Quality Assessment of Water Sources used for Domestic purpose in the Tribal Area of the South West Kamrup with special References to Boko” in the year 2009
3. Nuruddin Ahmed awarded Teachers Fellowship under UGC – FDP Scheme for pursuing Ph. D. in the year July’ 2010 to 31st March’ 2013.

24. List of eminent academicians and scientists/ visitors to the department:

- (i) Prof. Krishna Gopal Bhattacharya, Former Head of the department of Chemistry, Dean, Faculty of Science, Director of ASC, Gauhati University
- (ii) Prof. Dilip Kr. Kakati, Professor of the department of Chemistry, Gauhati University
- (iii) Prof. Citrani Medhi, Professor of the department of Chemistry, Gauhati University
- (iv) Dr. Prova Baruah, Assistant Professor, Department of Chemistry, Jagirod College.
- (v) Prof. Bhaben Ch. Kalita, Former Head of the department of Mathematics, Gauhati University

25. Seminars/Conferences/Workshops organized & the source of funding:

- (e) National : Nil
 (f) International : Nil

26. Student profile programme/course wise:

For the Session 2012 – 2013

Name of the course/programme (Refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year		88			

Higher Secondary Course 2 nd year		78			
TDC 1 st & 2 nd Semester(Major)		04	04	00	
TDC 1 st & 2 nd Semester(General)		56	48	08	
TDC 3 rd & 4 th Semester(Major)		04	02	02	
TDC 3 rd & 4 th Semester(General)		22	16	06	
TDC 5 th & 6 th Semester(Major)		06	04	02	
TDC 5 th & 6 th Semester(General)		04	04	00	

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S			

28. How many students have cleared national and state competitive examinations such as NET/SLET, GATE, Civil services, Defense services, etc.?

Not Applicable for College level

29. Student progression :

Student progression		Against enrolled %
UG to PG		Data not available
PG to M. Phil.		
PG to Ph.D.		
Ph.D. to Post-Doctoral		
Employed	11. Campus selection	NIL
	12. Other than campus recruitment	Data not available
Entrepreneurship/Self-employment		Data not available

30. Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : Available
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : Available (03 numbers)

31. Number of students receiving financial assistance from college, university, government or other agencies :

Details are recorded in the college office

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts: Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.

33. Teaching methods adopted to improve student learning :

Teaching is confined to traditional lecturer method (Using black board). However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities.

1. N. Ahmed was a resource person in Chemistry in the High School Science Teachers Training Camp on Innovative Science Teaching, organized by Assam Science Society and sponsored by Ministry of Human Resource Development Govt. of India.
2. Dr. A K Goswami was selected as the member of Selection Board of Chemist and Laboratory Assistant of PHE, Govt. of Assam.

35. SWOC analysis of the department and Future plans:

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Attempt to organize at least two national seminars and workshop and getting minor as well as major research project will be in the priority areas of the department in the near future. Due to inadequate research laboratory facilities we are planning to start theoretical research in Computational Chemistry in our Department and for the same we undertake some correspondence with Department of Science & Technology (DST), Govt. of India.

12. Department of Mathematics

1. Name of the department : Mathematics
2. Year of Establishment : 1986
3. Names of Programmes/Courses offered : Undergraduate course in both Major and general study, and Higher Secondary Courses.
4. Names of Interdisciplinary courses and the departments/units involved:
The department offers three years Degree semester course in both Major and general study as per the prescribed syllabi of the Gauhati University. Moreover the department offers the Higher Secondary Courses as per the prescribed syllabi of the Assam Higher Secondary Education Council.
5. Annual/Semester/Choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.
6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the Gauhati University prescribed syllabi. As of now there are no separate courses/ programmes of study. As such, the discontinued of any programme/course does not arise.

9. Number of Teaching posts :

Designation	Sanctioned	Filled
Professor	00	00
Associate Professor	02	02
Assistant Professor	02	02

10. Faculty profile :

Sl. No	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Dhiraj Kumar Das	M.Sc., M.Phill, PGDCA	Associate Professor	Relativity, Mathematical Education	22	00
02	Dr. Nabajyoti Das	M.Sc, Ph.D.	Assistant Professor	Modern Analysis, Dynamical System	20	00
03	Dr. Alok Das	M.Sc, Ph.D	Associate Professor	Fluid Mechanics, Relativity	18	01
04	Dr. Dipankar Sarma	M.Sc, Ph.D, B.Ed., PGDHRM	Assistant Professor	Topology, Algebra	16	00

11. List of senior visiting faculty:

- (i) Prof. Tarini Kanta Dutta, Former Head of the department of Mathematics, Gauhati University
- (ii) Prof. Bhaben Ch. Kalita, Former Head of the department of Mathematics, Gauhati University
- (iii) Mr. Amrit Kalita, Associate Professor, HOD, Dept of Mathematics, Dudhnai College, Goalpara.

- (iv) Dr. Jnanjyoti Sarma, Associate Professor, HOD, Dept of Mathematics,
R G Baruah College, Guwahati.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

NIL

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 12:1

H.S. course = 48:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Dr. Alok Das	Minor R P	UGC	2004-06	53,000
Dr. Dipankar Sarma	Minor R P	UGC	2005-07	70,000
Dr Alok Das	Minor R P	UGC	2008-09	40,000
Dr. Nabajyoti Das	Minor R P	UGC	1013-15	150,000

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has a library with books and journals and also two computers, LCD Projector etc. Total six research scholars have been working in this department for the Ph.D/M. Phill. degree under Gauhati University/ Periyar Institute of Distance Education (PRIDE), Periyar University, Salam-11, Tamilnadu/ Vinayaka Missions University, Salem-636308, Tamilnadu. under the guidance of Dr. Alok Das.

19. Publications : (2005 to 2013)

(a) Publication by the Faculty :

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Elastico-viscous flow between Eccentric Disks Rotating about different	2005	Bulletin of Pure and Applied Sciences	24E (1), 107-115,	Dr. Alok Das

	axes at different speeds				
2	Free convective MHD flow of a visco-elastic fluid through a rotating porous medium	2005	Far East Journal of Applied Mathematics,	21, No. 3, 305-320	Dr. Alok Das
3	Three Dimensional free Convective Flow and Heat Transfer in a Visco-elastic Fluid Through a Porous Medium	2006	International Journal of Applied Mathematical Analysis and Applications,	1, No. 1, 87-105,	Dr. Alok Das
4	Steady MHD flow of Walters Liquid (Model B') Through a Horizontal Channel	2006	Journal of Rajasthan Academy of Physical Sciences,	5, 4, pp. 419-430	Dr. Alok Das
5	Elastico-viscous MHD flow through a porous medium bounded by a vertical porous plate	2008	Journal of Ultra Scientist of Physical Sciences (International Journal of Physical Sciences)	Vol.20, 2 pp. 521-530	Dr. Alok Das
6	Flow of a visco-elastic Rivlin-Ericksen fluid through a horizontal channel	2009	International Review of Pure and Applied Mathematics	Vol.5,2, pp. 191-201	Dr. Alok Das
7	Free convective MHD flow of Rivlin-Ericksen fluid in a vertical wavy channel	2010.	International J. of Math. Sci. and Engg. Appls. (IJMSEA)	Vol. 4, No. I, pp. 47-66, 2010.	Dr. Alok Das
8	An Oscillatory MHD Flow of a non-Newtonian Fluid Through a Rotating Porous Medium	2010	Journal of Assam Academic of Mathematics	Vol. 3, pp. 15-31	Dr. Alok Das
9	Steady flow and heat transfer of a non-Newtonian visco-elastic fluid between two co-axial porous rotating discs 9.	2011.	Far East Journal of Applied Mathematics,	Vol. 58, 2, pp. 73-96,	Dr. Alok Das
10	On the genera of compact Riemann surfaces admitting $C_p \times D_m$ as a group of automorphisms	2006	Ultra scientist of Physical sciences	18 (2) M, 335-344	Dipankar Sarma
11	On the determination of the minimum genus of compact Riemann surfaces admitting a class of metacyclic automorphism groups	2007	South East Asian Journal of Math & math. Sc.	6(1), 27 – 42	Dipankar Sarma
12	A three generator group of	2007	Journal of Rajasthan	6(4),	Dipankar Sarma

	automorphisms of compact Riemann surfaces		Academy of Physical Sciences,	425 –432	
13	On Determination of measure of commutativity of a class of metacyclic groups	2008	Proceedings of the National Conference on Advances in Mathematics,		Dipankar Sarma
14	Steady laminar flow of a non-Newtonian fluid between parallel porous discs	2008	Journal of Ultra Scientist of Physical Sciences (International Journal of Physical Sciences),	20(1) M, 219-226	Alok Das
15	Period doubling bifurcation and associated universal properties in the Verhulst population model, ,	2010	International J. of Math. Sci. & Engg. Appls.	4,1, 1-14	Nabajyoti Das
16	Time series analysis and Lyapunov exponents for a fifth degree chaotic map,	2010	Far East Journal of Dynamical Systems	14,2 125-140	Nabajyoti Das
17	Period doubling route to chaos in a two-dimensional discrete map	2011	Global Journal of Dynamical Systems and Applications	1(1) 61-72,	Nabajyoti Das
18	Fractal dimensions on a nonlinear discrete model, ,	2012	International Journal of Scientific & Engineering Research	3, 10, 1-4,	Nabajyoti Das
19	Determination of supercritical and subcritical Hopf bifurcation on a two-dimensional chaotic model,	2012	International Journal of Advanced Scientific Research and Technology,	2,1	Nabajyoti Das
20	Controlling chaos on a nonlinear discrete model,	2012	International Journal of Advanced Scientific and Technical Research,	5, 2, 82-91	Nabajyoti Das
21	On Bifurcations and Lyapunov Exponents on a Two-dimensional Nonlinear System, Global	2012	Journal of Engineering and Applied Sciences	2,4., 289-292	Nabajyoti Das
22	Existence of Hopf-bifurcations on the nonlinear FKN model,	2012	International Journal of Modern Engineering Research (IJMER),	2, 6, 4195-4200	Nabajyoti Das
23	Determination of Lyapunov exponents and	2012	International Journal of Applied Mathematics &	1, 2, 1-10	Nabajyoti Das

	study of time-series graphs on a nonlinear chaotic model,		Statistical Sciences		
24	Three quantifiers of chaos on a two-dimensional nonlinear model,	2012	International Journal of Scientific Knowledge	1, 12	Nabajyoti Das
25	Some dynamical behaviors in Lorenz model,	2012	International Journal of Computational Engineering Research,	2,7, 71-76,	Nabajyoti Das
26	Determination of Lyapunov exponents in discrete chaotic models	2012	, International Journal of Theoretical & Applied Sciences,	4,2, 89-94	Nabajyoti Das
27	Control chaos at the accumulation point in the Verhulst population model,	2012	International Journal of Advanced Scientific Research and Technology,	2, 6, 1-12,	Nabajyoti Das
28	Influence of attitude towards mathematics and study habit on the achievement in mathematics at secondary stage	2012	International Journal of Engineering Research and Application,	2,6,pp-192-196	Dhiraj Kr Das
29	Influence of geometrical ability and study habit on the achievement in mathematics at secondary stage	2012	International journal of computational Engineering Research,	2,6,pp-232-237	Dhiraj Kr Das
30	Influence of algebraic ability and study habit on the achievement in mathematics at secondary stage	2012) International Journal of Engineering Research and Development.		Dhiraj Kr Das
31	Influence of arithmetic ability, attitude towards mathematics and study habit ability on the achievement in mathematics at secondary stage	2012	International Journal of Scientific & Engineering Research	3,12	Dhiraj Kr Das
32	Influence of arithmetical ability and study habit on the achievement in	2012	Research Inventory: International Journal of Engineering and science	I-9,	Dhiraj Kr Das

	mathematics at secondary stage		Research		
33	Estimate of fractal dimensions in the Ricker nonlinear population model,	2013	International Journal of Advanced Scientific and Technical Research, Issue3,	1-232-240	Nabajyoti Das
34	Limit cycles and their application in nonlinear differential equations,	2013	American Journal of Applied Mathematics and Mathematical Sciences,	2, 1 53-65	Nabajyoti Das
35	Analytical Process for Determination of Hopf Bifurcations	2013	Journal of Global Research in Mathematical Archives	1, 8, 44-52	Nabajyoti Das
36	Some Variables of effective Dimension in Relation To The Achievement In Mathematics at Secondary Stage	2013	International Journal of Advancements in Research and technology	2, 2, Feb-pp-1-6	Dhiraj Kr Das

(b) Number of papers published in peer reviewed journals (national /international) by faculty and students :

(c) Number of publications listed in International Database (For e.g. 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 :

(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 : Nil

(b) International Committees : Nil

(c) Editorial Boards :

22. Student Project:

(a) Percentage of students who have done in-house projects including inter departmental /programme : 100%

(b) Percentage of students who have done in-house projects including inter departmental /programme :

23. Awards/Recognitions received by faculty and students:

NIL

24. List of eminent academicians and scientists/ visitors to the department:

(ii) Prof. Tarini Kanta Dutta, Former Head of the department of Mathematics, Gauhati University

(iii) Prof. Bhaben Ch. Kalita, Former Head of the department of Mathematics, Gauhati University

(iv) Mr. Amrit Kalita, Associate Professor, HOD, Dept of Mathematics, Dudhnai College, Goalpara.

(v) Dr. Jnanjyoti Sarma, Associate Professor, HOD, Dept of Mathematics, R G Baruah College, Guwahati.

25. Seminars/Conferences/Workshops organized & the source of funding:

(g) National : Nil

(h) International : Nil

26. Student profile programme/course wise: (Session:2013-14)

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled	
			*M	*F
Higher Secondary Course 1 st year	100	91	59	32
Higher Secondary Course 2 nd year	100	93	72	21
TDC 1 st & 2 nd Semester(Major)	12	09	08	01
TDC 1 st & 2 nd Semester(General)	18	15	14	01
TDC 3 rd & 4 th Semester(Major)	06	06	06	00
TDC 3 rd & 4 th Semester(General)	14	14	11	03
TDC 5 th & 6 th Semester(Major)	05	05	04	01
TDC 5 th & 6 th Semester(General)	00	00	00	00

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S	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		20%
PG to M. Phil.		Nil
PG to Ph.D.		01
Ph.D. to Post-Doctoral		Nil
Employed	13. Campus selection	NIL
	14. Other than campus recruitment	80%
Entrepreneurship/Self-employment		10%

30. Details of Infrastructural facilities :

- (a) Library : Library facilities available
- (b) Internet facilities for Staff & Students : NIL
- (c) Class rooms with ICT facility : NIL
- (d) Laboratories : NIL

31. Number of students receiving financial assistance from college, university, government or other agencies :

Details are recorded in the college office.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

Periodic student enrichment programmes are arranged by the department where expert from outside are invited as resource person.

33. Teaching methods adopted to improve student learning :

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Faculty members of the department have been participating in some activities outside the college as a part of programme in institutional social responsibility (ISR) and other extension activities. Master training for Census of the State organized by the Commission, training of school students to participate in competitive examinations like Mathematics Olympiad, participating as resource persons in some environmental awareness programs etc. are performing by the teaching faculties of the department.

35. SWOC analysis of the department and Future plans :

Strength: Besides normal classes the teachers of the department has been performing research activities. So many research papers are published in reputed National and International journals. Moreover, some research scholars have achieved M. Phil and Ph. D degrees also under the guidance of this department.

Weakness: The department is running with four permanent teaching faculties. So lack of adequate number of permanent teaching faculties is the greatest weakness of the department. The college is situated in a tribal belt area and the number of students having mathematics is very poor. Due to insufficient power supply, infrastructure facilities etc. the department has been facing some problems to teach students with modern technologies.

Opportunity: The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. As the location of the college is not so far distant from the mother university, so both teachers and students have opportunities in communication.

Challenge: The challenge of the department is to create the mathematical awareness among the students and communities of this locality. To meet our challenges the department has been working through the “Mathematics Study Circle”

13. Department of Physics

1. Name of the department : **Physics**
2. Year of Establishment : 1986
3. Names of Programmes/Courses offered : Undergraduate course in both Major and General Course. The department offers Three year Degree Course with six semesters in both Major and General Course as per the prescribed syllabi of Gauhati University.
4. Names of Interdisciplinary courses and the departments/units involved:
There is no involvement in any interdisciplinary courses.
5. Annual/semester/choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.
6. Participation of the department in the courses offered by other departments:
Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
No courses have yet been introduced in collaboration with any universities, industries, foreign institution etc.

8. Details of courses/programmes discontinued (if any) with reasons:

The department offers courses/ programmes of study as per the prescribed syllabi of Gauhati University. Therefore the discontinuation of any other programme/course does not arise.

9. Number of teaching posts:

	Sanctioned	Filled
Professor	00	00
Associate Professor	00	00
Assistant Professor	04	04

10. Faculty profile:

Sl. No	Name	Educational Qualification	Designation	Specialization/ Field of Research	Teaching Experience in years	No. of Ph.D. Students guided
01	Pranab Sarma	M.Sc., M.Phill,	Assistant Professor	Nuclear Physics	22	00
02	Manoj Kr. Das	M.Sc.	Assistant Professor	Electronics	18	00
03	Dr. Ranjit Baishya	M.Sc, Ph.D	Assistant Professor	Theoretical Physics	16	00
04	Mrs. Minati Barman	M.Sc.	Assistant Professor	Spectroscopy	16	00

11. List of senior visiting faculty:

- (i) Prof. Jogen Ch. Kalita, Director, College Development Council, Gauhati University
- (ii) Dr. Ranjit Barman, Head, Science & Technology Division, ASTEC, Guwahati

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

NIL

13. Student-Teacher Ratio (programme wise):

Undergraduate course = 13:1

H.S. course = 48:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Laboratory Bearer - 02

15. Qualifications of teaching faculty with D.Sc./D.Litt.:

NIL

**15. Number of faculty with ongoing/completed projects from a) National
b) International funding agencies and grants received:**

Name of faculty	Project	Funding Agency	Duration	Amount in Rs.
Manoj Kr. Das	Minor R P(Completed)	UGC	2000-02	49,000/-
Dr. Ranjit Baishya	Minor R P(Completed)	UGC	2007-09	100,000
Dr. Ranjit Baishya	Major R P(Completed)	DAE- BRNS	2008-11	870000

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

No departmental project received.

18. Research Centre/facility recognized by the University:

The department has an own departmental library with books and journals.

19. Publications: (2005 to 2013)

(a) Publication by the Faculty:

Sl No	Name of the paper	Year of Publication	Name of the Journal	Volume	Name of the Author
1	Method of characteristics and solution of DGLAP evolution equation in leading and next to leading order at small	2006	Physical Review D	74,107702	Dr. Ranjit Baishya
2	Semi numerical solution of non-singlet Dokshitzer–Gribov–Lipatov–Altarelli–Parisi evolution equation up to next-to-next-to-leading order at small	2009	Eur. Phys. J. C	009-0976-4	Dr. Ranjit Baishya
3	Solution of non-singlet DGLAP evolution equation in leading order and next to leading order at small	2009	Indian J. Phys.	83 (9), 1333-1341	Dr. Ranjit Baishya
4	DGLAP evolution equation in NNLO at	2010	Indian J. Phys	84 (12), 1701-1707	Dr. Ranjit Baishya

	small-x and method of characteristics: non-singlet case				
5	Solution of singlet and non-singlet unpolarized DGLAP evolution equations in next-to-next-to-leading order (NNLO) by method of characteristics	2012	Indian J Phys	86(2):145–150	Dr. Ranjit Baishya
6	Solution of singlet Dokshitzer-Gribov-Lipatov-Altarelli-Parisi evolution equation in next-to-next-to-leading order at small	2012	Indian J Phys	86(2):141–144	Dr. Ranjit Baishya
7	Evolution of singlet structure functions from DGLAP equation at next-to-next-to-leading order at small	2012	Eur. Phys. J. C	72:2036	Dr. Ranjit Baishya
8	Unpolarized coupled DGLAP evolution equation at small	2013	PRAMANA — journal of January physics	Vol. xx, No. x	Dr. Ranjit Baishya
9	. Method of characteristics and solution of DGLAP evolution equation in leading order at small	2005	Journals of Assam Sc. Society	PP 44-51	Dr. Ranjit Baishya
10	Prithir Paribeshar saru bar khatha	2008	Amar Vigyan	pp11-14 Vol -9	Mrs. Minati Barman
11	Vigyan sikshya aru Aryabhatta vigyan kendra	2009	Sandhani , Souveniar Children Science Congress	pp14-18	Mrs. Minati Barman
12	Prakritiya Bat Dekhuwai	2013	Amar vigyan, Souveniar, Children Science Congress	pp11-12	Mrs. Minati Barman

b) Number of papers published in peer reviewed journals (national /international) by faculty and students: 09

c) Number of publications listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.):

- d) Monographs: Nil
 e) Chapter in Books: Nil
 f) Books Edited: Nil
 g) Books with ISBN/ISSN numbers with details of publishers: Nil
 h) Citation Index: Nil
 i) SNIP: Nil
 j) SJR: Nil
 k) Impact Factor: 24.6
 l) h- index: Nil
20. Areas of consultancy and income generated: NIL
21. Faculty as members in:
 (d) National Committees : Nil
 (e) International Committees : Nil
 (f) Editorial Boards : Nil
22. Student Project: Percentage of students who have done in-house projects including inter departmental /programme : 100%
23. Awards/Recognitions received by faculty and students: NIL
24. List of eminent academicians and scientists/ visitors to the department:
 (A)Prof. Jogen Ch. Kalita, Director, College Development Council, Gauhati University
 (B)Dr. Ranjit Barman, Head, Science & Technology Division, ASTEC, Guwahati
25. Seminars/Conferences/Workshops organized & the source of funding:
 (i) National : Nil
 (j) International : Nil
26. Student profile programme/course wise:

(A) 2013 - 2014

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year	91	91			100%
Higher Secondary Course 2 nd year	93	93			NA
TDC 1 st & 2 nd Semester(Major)	06	06	05	01	NA
TDC 1 st & 2 nd Semester(General)	17	17	16	01	NA
TDC 3 rd & 4 th Semester(Major)	03	03	03	00	NA
TDC 3 rd & 4 th Semester(General)	19	19	16	03	NA
TDC 5 th & 6 th Semester(Major)	01	01	01	00	NA
TDC 5 th & 6 th Semester(General)	02	02	02	00	NA

(B) 2012 – 2013

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year					
Higher Secondary Course 2 nd year					
TDC 1 st & 2 nd Semester(Major)		06	05	01	50%
TDC 1 st & 2 nd Semester(General)		17	14	03	85%

TDC 3 rd & 4 th Semester(Major)		01	01	00	100%
TDC 3 rd & 4 th Semester(General)		21	18	03	85%
Part – III (M)		01	01	00	Ab
Part – III (G)		05	05	00	100%

(C) 2011 – 2012

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year					
Higher Secondary Course 2 nd year					
TDC 1 st & 2 nd Semester(Major)		2	2	0	50%
TDC 1 st & 2 nd Semester(General)		21	18	3	90%
Part – II (M)		2	2	0	50%
Part – III (M)		1	1	0	100%
Part – II (G)		6	5	1	100%
Part – III (G)		1	1	0	100%

(D) 2010 – 2011

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year					
Higher Secondary Course 2 nd year					
Part – I (M)		03	03	00	66%
Part – I (G)		17	16	01	25%
Part – II (M)		01	01	00	100%
Part – II (G)		01	01	00	100%
Part – III (M)		00	00	00	NA
Part – III (G)		06	06	00	66%

(E) 2009 - 2010

Name of the course/programme (refer to Ques. 4)	Application Received	Selected	Enrolled		Pass Percentage
			*M	*F	
Higher Secondary Course 1 st year					
Higher Secondary Course 2 nd year					
Part – I (M)		01	01	00	100%
Part – I (G)		06	06	00	66%
Part – II (M)		00	00	00	NA
Part – II (G)		10	08	02	50%
Part – III (M)		01	01	00	100%
Part – III (G)		06	05	01	66%

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U G	100%	Nil	Nil
H S	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		01
PG to M. Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		Nil
Employed	16. Campus selection	NIL
	17. Other than campus recruitment	NA
Entrepreneurship/Self-employment		NA

30. Details of Infrastructural facilities:

- (a) Library available : Library facilities
- (b) Internet facilities for Staff & Students : Nil
- (c) Class rooms with ICT facility : Nil
- (d) Laboratories : Laboratory – 01, Dark Room - 01

31. Number of students receiving financial assistance from college, university, government or other agencies:

Financial assistant are given to the students centrally by the college authority.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Periodic student enrichment programmes are arranged by the department where expert from other department & institute are invited as resource person.

33. Teaching methods adopted to improve student learning:

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR)

and other extension activities. A science centre named “Aryabhata Science Centre” was established in the department in collaboration with ASTEC, Govt. of Assam through which the department has organized various social activities like model making competition, extempore speech competition, training programmes etc. among the school students of the locality.

35. SWOC analysis of the department and Future plans:

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Department will organize at least one national seminars/workshop in the coming year.

14. Department of Zoology

1. Name of the department: Zoology
2. Year of Establishment: 1986
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: **Nil.**
5. Annual/Semester/Choice based credit system (programme wise):
The present programmes of study available in the department under different courses are of both annual and semester based. The semester based programme has been newly introduced by the Gauhati University for the three year (1+1+1) degree course with effect from the academic year 2010. The semester programme is of three years duration with a total of six semesters having two semesters in a year. In addition to this semester system, the annual based programme is also available for the final year students of the three year (1+1+1) degree students who had joined the course before the introduction of the semester system. Moreover, the higher secondary course available in the department.
6. Participation of the department in the courses offered by other departments:

Only three year (1+1+1) degree course are available for study in the college as per Gauhati University syllabi, no separate courses have been introduced by any departments and as such the participation of the department in such course does not arise.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: No.
8. Details of courses/programmes discontinued (if any) with reasons:
Does not arise
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Professor	No	No
Associate professor	01	01
Asst. Professor	03	03

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 Exp	No. of Ph.D. Students guided for the last 4 years
Mrs. Nanda Devi	M.Sc., B.Ed.	Assistant Professor	Fish and Fishery Biology	23 years	Nil
Dr. S. K. Bhuyan	M.Sc., Ph.D.	Assistant Professor	Animal Physiology and Bio-chemistry	17 years	Nil
Dr. T. K. Deka	M.Sc., Ph.D.	Associate professor & HOD	Entomolgy and Environmental Biology	15 years	Nil
Dr. Rekha Chetry	M.Sc., Ph.D.	Assistant Professor	Animal ecology and Wildlife Biology.	11 years	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 (programme wise):
U.G course = 12:1

H.S. course = 48:1

14. Number of academic support staff (technical) and administrative staff;

Name of projects	Principal Investigator & Department	Year	Funding Agency	Grant received
------------------	-------------------------------------	------	----------------	----------------

sanctioned and filled: Nil.

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./PG.: Ph.D. 3No.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

An Analytical Study of Various Dimensions of Socio Economic Problems of Fisherman Community of Kamrup District of Assam.	Dr. Tapan Kr. Deka, Zoology.	2004-2006	UGC	35,500/-
Effect of <i>Clerodendron colebrookianum</i> Walp Glycoside on Hepatic Lipid Profile & Blood Magnesium Level in Mice.	Mr. Susanta Kr. Bhuyan, Zoology.	2005-2007	UGC	1,00,000/-
A study of Wetlands for Sustainable Development and Socioeconomic Up-liftmen of Fisherman Community of Assam	Dr. Tapan Kr. Deka, Zoology.	2005-2007	ICSSR	3,95,475/-
Bio – pesticidal controls of red Spider mit (<i>Oligonychus coffeaenitetner</i>) a Major pest of Tea.	Dr. Tapan Kr. Deka, Zoology	2009-2012	DST	17,25,600/-
Conservation and management of Mahaseer (<i>T. putitor</i> & <i>T. tor</i>) in the JiaBharali River of Assam.	Dr. Tpan Kr. Deka, Zoology	2007-2011	UGC	7,00,600/-
Effect of <i>Celerodendron colebrookianum</i> Walp Glycoside on certain Element and Lipid Profile in Mice.	Dr. Susanta Kr. Bhuyan, Zoology.	2008-2010	UGC	90,000/-
Man Elephant Conflict : A case study in the Fringe Village of Gibbon Wild Life Sanctuary in Assam, India	Dr. Rekha Chetry, Zoology.	2008-2010	UGC	50,000/-
Assessment of socioeconomic status of fringe villages around Chakrasila wild life Sanctuary, Assam	Dr. Rekha Chetry, Zoology	2009	ICSSR	4,28,925/-
A Study on Habitat Ecology and Diversity of Freshwater Turtle of Chandubi Beel.	Dr. Susanta Kr. Bhuyan, Zoology	21.05.2012	UGC	1,00,000/-

Ongoing and Completed Research Projects from (2005 – 2013):

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total

Grants received: The faculty members of the Department received grants from UGC, DST and ICSSR for Major and Minor Research Projects.

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
- (i) SNIP
- (j) SJR
- (k) Impact factor
- (l) h-index

Details of the Publication by the Faculty Members of the Department (2005 – 2012):

Name of Lecturer	Topic	Book/Magazine/Proceeding/Journal / Publisher	Issue/ Edition
Dr. Rekha Chetry,	A note on crop raiding by Golden langur in fragmented forests in Western Assam, India.	Tiger Paper (Bull.)	32(3), 23, 2005.
Dr. Rekha Chetry	Domestic Dog(<i>Canisfamaliaris</i>): Treat for Golden langur(<i>Trachypithecusgee</i> i)	J. of Bombay Nat. Hist. Soc.	102(2), 220, 2005.
Dr. Rekha Chetry	Diversity and Degrees of Anthropogenic Pressure in four fragmented habitats of Hoollock gibbon	Proceedings of National Seminar	2006.
Dr. S. K. Bhuyan,	Effect of <i>Clerodendron colebrookianum</i> walp Glycoside on certain Element and Lipid Profile in C3H Mice.	Proceedings of National Seminar	2006.
Dr Rekha Chetry	Hoolock: The Ape of India (English version)	Reference Book, published by GCC, Mariani, Assam	2007.
Dr Rekha Chetry	AamarHalou (Assamese version)	Reference Book, published by GCC, Mariani, Assam	2007.
Dr Rekha Chetry	Primate survey in Dibang valley Wildlife Sanctuary, AP	Tiger Paper (Bull.)	34(4), 23, 2007.
Dr Rekha Chetry	Status and Diversity of Temple Primates of NE India.	Primate Conservation.	22, 2007.
Dr Rekha Chetry	Behavioural responses of Golden langur (<i>Trachypithecusgee</i> i) for domestic dog (<i>Canisfamaliaris</i>).	Tropical Zoology.	4, 51, 2007.
Dr Rekha Chetry	Factors influencing the ranging behavior in Stump-tailed macaques.	Tropical Zoology	4,1,2007.
Mrs. Nanda Devi,	A preliminary study of Fish diversity of Dora Beel wetland	Proceedings of National seminar.	2008
Dr. S. K. Bhuyan	Beels Fisheries of Assam: problems and Prospects of Assam	Proceedings of National Seminar.	2008

Dr. S. K. Bhuyan	Turtle fauna of Deepor Beel Ramsar Site, Assam: Strategies for Conservation.	Proceedings of National.	2008
Dr. S. K. Bhuyan	Sustainable Economy and Livelihood through Participatory approach in the Deepor Beel Wetlands of Assam.	Proceedings of National Seminar.	2008
Dr. S. K. Bhuyan	Wetland and Livelihood	Edited the Proceedings of National Seminar.	2008
Dr. T. K. Deka.	Wetland and Livelihood	Edited the Proceedings of National Seminar.	2008
Dr. Rekha Chetry	New distribution records of Hoolock leuconedys in India	Primate Conservation	23, 125, 2008
Dr. S. K. Bhuyan	Turtle Diversity in the Scared Temple Ponds in Kamrup District of Assam with Special References to its Conservation. Fresh water Turtles and Tortoises of India.	ENVIS Bulletin.	12(1), 127, 2009
Dr. Rekha Chetry	The Golden Langur	Book, Published by Gibbon Conservation Centre, Mariani.	1 st Edition 2009
Dr. Rekha Chetry	Sonali Bander	Books, Published by Gibbon Conservation Centre, Mariani	1 st Edition 2009
Dr. S. K. Bhuyan	Turtle Diversity in the Scared Temple Ponds in Kamrup District of Assam with Special References to its Conservation.	Fresh water Turtles and Tortoises of India. (ENVIS Bulletin).	12(1), 127, 2009.
Dr. Rekha Chetry,	Status and conservation of Golden langur in Chakrasila wild life sanctuary, Assam, India.	Primate Conservation.	25, 2010.
Dr. Rekha Chetry,	Conservation status of Primates and other Mammals' in Dibang wild life sanctuary, India.	Proceedings of National seminar on Bio diversity of North East India.	161, 2010.
Dr. S. K. Bhuyan	Effect of <i>Clerodendron colebrookianum</i> Walp Glycoside on certain element Profile in C3H Mice.	Biodiversity and Human Welfare, Conference Proceedings Published by Narendra Publishing House, New Delhi.	417, 2010.
Dr. Rekha Chetry	Hoolock Gibbon Conservation in India	Gibbon Journal.	6, 7, 2011.
Dr. Rekha Chetry	First Distribution Record of Eastern Hoolock Gibbon in Assam, India.	Primate Conservation.	25, 2011.
Dr. S. K. Bhuyan.	Impact of Climate Change on Sustainable livelihood in Deepor Beel: a case study of Keotpara , Azara.	NeBIO.	2 (3), 6, 2011.

Dr. Rekha Chetry.	Asomor Primate	A collection of Articles in the book “Asomor Prakritik Sampad” published by Assam Science Writers Association.	Oct. 2011
Dr. S K. Bhuyan.	Diversity of freshwater turtle in Orang National Park.	Tiger paper	XXXIV(1), 24, 2012.

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in

b) National committees b) International Committees c) Editorial Boards:

Mrs. Nanda Devi:

- a. Member of Zoological Society of Assam.
- b. Member of Assam Science Society.

Dr. Susanta Kumar Bhuyan:

- a. Member of Zoological Society of Assam.
- b. Member of Bharat Scouts & Guides.
- c. Associate Editor of “*Asian Journal of Conservation Biology*”, an International Peer reviewed Journal (www.ajcb.in).

Dr. Tapan Kumar Deka:

- a. Assam Science Society
- b. Zoological Society of Assam
- c. CIFRI (Central Inland Fisheries Research Institute)
- d. Ecological Economic Society of India

Dr. Rekha Chetry:

- a. Member of IPS(International Society of Primates.
- b. American Primatological Society.
- c. Life Member of Aaranyak.
- d. Member of Zoological Society of Assam.

22. Student projects

a) Percentage of students who have done in-house projects including inter

Departmental/programme : 100%

b) Percentage of students placed for projects in organizations outside the Institution i.e.in Research laboratories/Industry/other agencies: NIL

23. Awards/ Recognitions received by faculty and students: Awarded Ph.D. to Dr. Susanta Kumar Bhuyan in the Year 2007.

24. List of eminent academicians and scientists/ visitors to the department:

- a. Dr. Robert Hoewick, Eminent Conservation Biologist from United States of America.
- b. Prof. Randall C. Kyes, Eminent professor of University of Washington, USA.
- c. Dr. J. C. Kalita, Professor, Department of Zoology and Director, College Development Council of Gauhati University.
- d. Prof. Karabi Dutta, HOD, Department of Zoology, Gauhati University.
- e. Dr. Umesh C. Goswami, Professor, Department of Zoology, Gauhati

- University.
- f. Dr. D. K. Sharma, Professor, Department of Zoology, Gauhati University.
 - g. Dr. Amalesh Dutta, Professor, Department of Zoology, Gauhati University.
 - h. Dr. M. M. Goswami, Professor, Department of Zoology, Gauhati University.
 - i. Dr. A. Borkotoki, Professor, Department of Zoology, Gauhati University.
 - j. Dr. Dilip Chetry, Conservation Biologist, Aranayak.

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National: Nil.

b)International: Nil

26. Student profile programme/course wise: (Session 2012-2013)

Name of the course/programme (refer to Ques. 3)	Application Received	Selected	Enrolled	
			*M	*F
Higher Secondary Course 1 st year	90	90	75	15
Higher Secondary Course 2 nd year	87	87	67	20
TDC 1 st & 2 nd Semester(Major)	18	18	17	01
TDC 1 st & 2 nd Semester(General)	14	14	13	01
TDC 3 rd & 4 th Semester(Major)	02	02	02	-
TDC 3 rd & 4 th Semester(General)	07	07	06	01
TDC 5 th & 6 th Semester(Major)	07	07	05	02
TDC 5 th & 6 th Semester(General)	-	-	-	-

27. Diversity of Students

Name of the Course	% of the students from the same State	% of the students from other State	% of the students from abroad
UG	100%	Nil	Nil
H.S.	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations

Such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Does not arise

Defense service:

29. Student progression

Student progression	Against enrolled %
---------------------	--------------------

UG to PG		20%
PG to M. Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		Nil
Employed	18. Campus selection	Nil
	19. Other than campus recruitment	80%
Entrepreneurship/Self-employment		10%

30. Details of Infrastructural facilities

- a) Library: Departmental Library with 215 numbers Books
- b) Internet facilities for Staff & Students : Yes
- c) Class rooms with ICT facility: Nil
- d) Laboratories: Yes

31. Number of students receiving financial assistance from College, University,

Government or other agencies:

30 numbers of students received Scholarship (SC, ST, OBC) from State.

32. Details on student enrichment programme (special lectures / workshops / seminar) with external experts:

On 9th February, 2011, a Popular Talk was arranged by the Department where **Prof. Randall C. Kyes, University of Washington, USA** delivered a talk on Conservation Biology in the 21st Century: Global Partnership in Research, Training and Outreach.

33. Teaching methods adopted to improve student learning:

Teaching is confined to traditional lecturer method. However, to improve students' learning process, periodic group discussion and seminars are arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

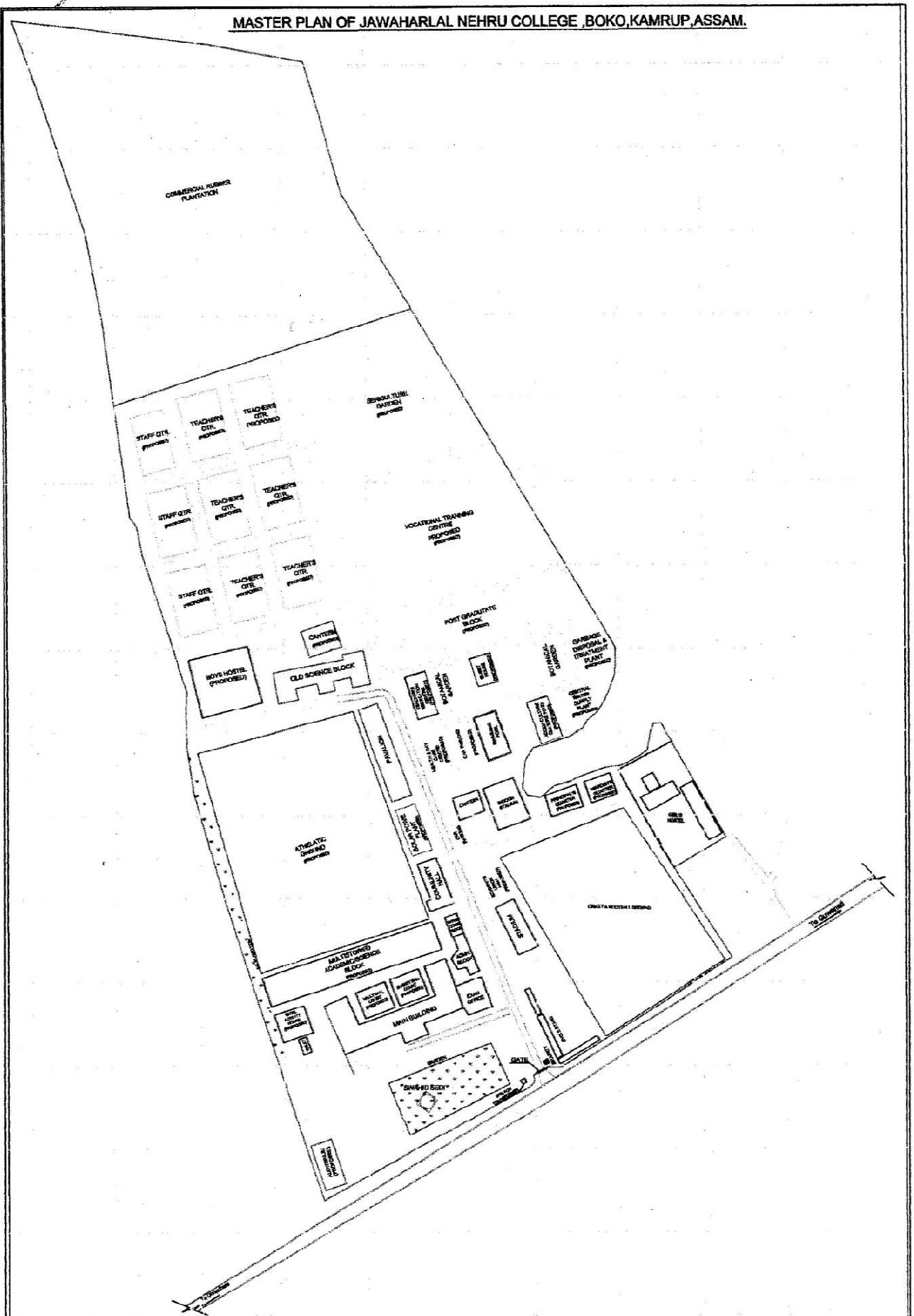
Faculty members of the department sometimes participate in activities outside the college as part of programme in institutional social responsibility (ISR) and other extension activities. Our faculty members visited nearby schools for popularizing science education among the teachers as well as students.

35. SWOC analysis of the department and Future plans:

Sincerity devotion, punctuality and regularity of the teachers are the strengths and assets of the department. However lack of adequate number of permanent teaching faculties is the greatest weakness of the department. Therefore, the present faculties are constrained with additional responsibility to undertake their research activities. The adequate library and infrastructural facilities in the college have provided opportunities to both teachers and students to carry out their academic activities without any hindrance. However, lack of adequate faculties will loom large over the department as threat in the coming years.

Initiating research activities by the faculty members have been given paramount importance by the department. Department will organize at least one national seminars/workshop in the coming year.

MASTER PLAN OF JAWAHARLAL NEHRU COLLEGE, BOKO, KAMRUP, ASSAM.



	<p>SCALE</p> <p>SCALE = 1:1,000</p> <p>GRID INTERVAL: 50 METRE</p>	<p>LEGEND</p> <p>01. AREA</p> <p>02. ROAD</p> <p>03. PLOT BOUNDARY</p> <p>04. GATE</p> <p>05. WALL</p> <p>06. FENCE/IRON RAILING</p>	<p>PROJECT TITLE: MASTER PLAN OF JAWAHARLAL NEHRU COLLEGE</p> <p>LOCATION: Jawaharlal Nehru College, Boko, Kamrup (R)</p> <p>STATE: ASSAM</p>	<p>CLIENT: Jawaharlal Nehru College, Boko</p> <p>SURVEYED BY: North-East Surveyor & consultants (NesCon)</p> <p>TOTAL SURVEY AREA: 110 Bigha</p>	<p>SURVEY YEAR: October 2011</p> <p>DRAWING NO.:</p> <p>CHECKED BY:</p>
--	---	---	--	---	--

Declaration by the Head of the Institution

I certify 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.

(Dr. Nripen Goswami)

Signature of the Head of the institution

With seal

Place: Boko

Date : 30.11.2013